



SMART SPACE SOLUTIONS



TELUNIX

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1

Company Overview

TELUNIX provides smart technology solutions designed to make education, communication and collaboration more effective. Our portfolio brings together Interactive Flat Panels (IFP), conference cameras, conference speakers, software solutions, and more to create connected modern spaces.

Our solutions are designed for classrooms, training rooms, meeting rooms and conference environments, helping organizations create spaces where people can communicate, collaborate and share information effortlessly.

With a focus on practical technology, reliable products and integrated solutions, TELUNIX helps transform traditional spaces into smart, interactive and connected environments.

2

What Makes Us Special?

We focus on complete solutions, not just individual products.

From an interactive lesson on an Interactive Flat Panel to a seamless hybrid meeting using conference cameras and speakers, our solutions are designed to work together as part of a modern smart space.

Our portfolio combines:

- ✓ Interactive Flat Panels for teaching, presentations and collaboration
- ✓ Conference Cameras for high-quality video communication
- ✓ Conference Speakers for clear and effective audio
- ✓ Software Solutions for education, meetings and room management
- ✓ Integrated Smart Space Solutions for classrooms and conference rooms

We understand that every environment has different requirements. Our goal is to provide technology that is easy to use, practical to deploy and suitable for the way people learn, meet and collaborate today.

3

Quality and Reliability

At TELUNIX, quality is an essential part of every solution we offer. We select and develop products with a focus on performance, reliability, ease of use and long-term value.

Our solutions are designed to support the demanding requirements of modern educational and professional environments, where technology needs to perform consistently every day.

From interactive displays and collaboration software to video and audio conferencing equipment, we aim to provide reliable technology backed by professional support and warranty services.



1



Interactive Touch Panels

A. Multi-use Touch Screens

1: Interactive Touch Screen

2: Infrared Touch Screen



1: Interactive Touch Screen

I. Key Features

TX-ITS

- **Smart Whiteboard & Stimulating Imagination**
 - ✓ Colorful writing, multi-point roaming
 - ✓ Easy share of files by encrypted code
 - ✓ Easy picture inserting to change background
- **Wireless Screen Share & Multi-Screen Interaction**
 - ✓ Easy presentation / two-way control
 - ✓ Split screen sharing
- **Teleconference**
 - ✓ Reliable, face-to-face communication remotely, synchronously
- **Easy Comment & Synchronously Share**
 - ✓ Can write annotations under any source
- **High-Definition Display**
 - ✓ Full metal frame, anti-glare tempered glass
 - ✓ 4K UHD display

Available sizes: 86, 86, 75, 65, 55



Teleconference



Easy Comment & Synchronously Share



Smart Whiteboard & Stimulating Imagination



Wireless Screen Share & Multi-Screen Interaction



Feature	Specification
Screen Resolution	4K UHD
Touch Type	Built-in
Induction Method	Infrared
Position Resolution	32768*32768
Minimum identification diameter	3mm
Application	Meeting, School, Training Center, Office, etc



FEATURE	98"	86"	75"	65"	55"
Model Code	TX-IT-98	TX-IT-86	TX-IT-75	TX-IT-65	TX-IT-55
Screen Size	98"	86"	75"	65"	55"
Dimension	1970.1 x 1184.7 x 106.2mm	1970.1 x 1184.7 x 106.2mm	1737.8 x 1059.24 x 116.9mm	1503.4 x 921.4 x 84.7mm	1284.6 x 797.4 x 90.1mm
Carton Size	2194 x 1490 x 363mm	2194 x 1490 x 363mm	1903 x 265 x 1210mm	1705 x 265 x 1100mm	1389 x 210 x 892mm
Resolution	4K	4K	4K	4K	4K

Meeting, school, training center, office and etc. (Applicable for all sizes)

2: Infrared Touch Screen

TX-IFTS-KTA

I. Key Features

- ✓ 4K UHD
- ✓ Android 14.0 with -8core CPU, 8G RAM + 128G ROM
- ✓ 2.4G / 5G Wi-Fi + Bluetooth , Enables Hotspot Sharing
- ✓ Built-in Powerful Digital Whiteboard
- ✓ Built-in Speaker 20W*2
- ✓ Maximum -9split Screen Mirroring
- ✓ OS Compatibility (Android, Windows, Mac OS, Linux, Chrome)



Available sizes: 55», 65», 70», 75», 86», 100»



Built-in whiteboard and smart annotation tools



Wireless screen sharing from multiple devices



Comfortable viewing: eye-care and anti-glare



Instant input source switch (Android/Windows/Mac)



Works with Google, Microsoft, and top EdTech



Host Zoom and Teams meetings directly on the screen



Annotate in real time on multiple screens using the whiteboard



Share content wirelessly from multiple devices simultaneously



Max. 9 Split Screen



Touch Back
(Wireless control of your laptop)



Do Not Disturb Mode



Screen Mirroring



4K Resolution



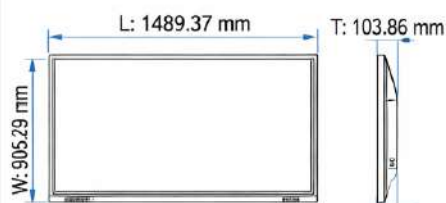
Remote View



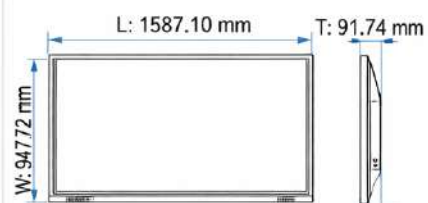
SPECIFICATIONS	55"	65"	70"	75"	86"	100"
Model Code	TX-IFTS-KTA-55	TX-IFTS-KTA-65	TX-IFTS-KTA-70	TX-IFTS-KTA-75	TX-IFTS-KTA-86	TX-IFTS-KTA-100
Dimensions (W x H x D) mm	1261.6 x 760.4 x 87.57	1489.37 x 905.29 x 103.86	1587.10 x 947.72 x 81.74	1710.54 x 1029.67 x 103.86	1962.32 x 1174.18 x 103.86	2271.08 x 1348.83 x 104.87
Display Area (W x H) mm	1211.6 x 682.4	1428.48 x 803.52	1537.43 x 873.76	1649.66 x 927.94	1895.04 x 1065.96	2205.6 x 1241.7
Contrast	1200:1	1200:1 (dynamic 5000:1)	1200:1 (dynamic 5000:1)	1200:1 (dynamic 5000:1)	1200:1 (dynamic 5000:1)	1200:1 (dynamic 5000:1)
Response Time	8 ms	8 ms	8 ms	8 ms	8 ms	8 ms
Power	<= 160W	<= 200W	<= 300W	<= 280W	<= 400W	<= 400W
Brightness	450 cd/m ²	450 cd/m ²	450 cd/m ²	450 cd/m ²	450 cd/m ²	350 cd/m ²
Weight	25 kg	41 kg	36 kg	52 kg	69 kg	100 kg
Touch Module	Integrated Design (Non-Attachable)	Integrated Design (Non-Attachable)	Integrated Design (Non-Attachable)	Integrated Design (Non-Attachable)	Integrated Design (Non-Attachable)	Integrated Design (Non-Attachable)
Resolution	3840 x 2160 @60Hz	3840 x 2160 @60Hz	3840 x 1600 @60Hz	3840 x 2160 @60Hz	3840 x 2160 @60Hz	3840 x 2160 @60Hz



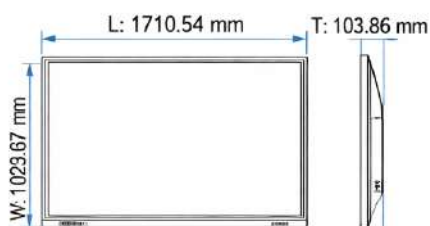
55 inch Screen



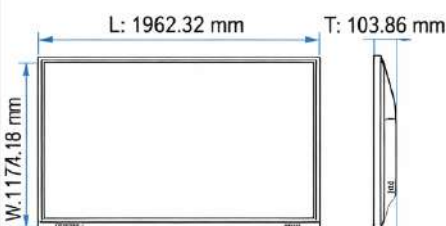
65 inch Screen



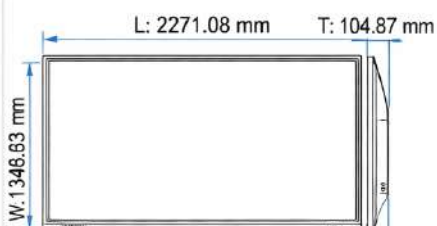
70 inch Screen



75 inch Screen



86 inch Screen



100 inch Screen

B. IFP for Education

TX-IFP-4k-EDU

4K Interactive Flat Panels for Education

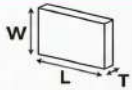
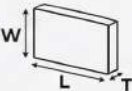


I. Key Features

- ✓ Ultra-High Resolution: 4K UHD (3840 x 2160 Pixels)
- ✓ Operation System Options: Android 8.0/Windows
- ✓ Android 8.0 Memory/Storage: 2G+16G or 3+32G
- ✓ Windows Memory/Storage by OPS: Intel Core i3/i5/i7; Memory 4G/8G; Storage: 128G/256G/512G
- ✓ Touch: IR 20 Points Multi-Touch, 1mm Touch Precision
- ✓ Writing Method: Pen/Finger Touch
- ✓ Language: Multi Languages
- ✓ Anti-Glare Tempered Glass

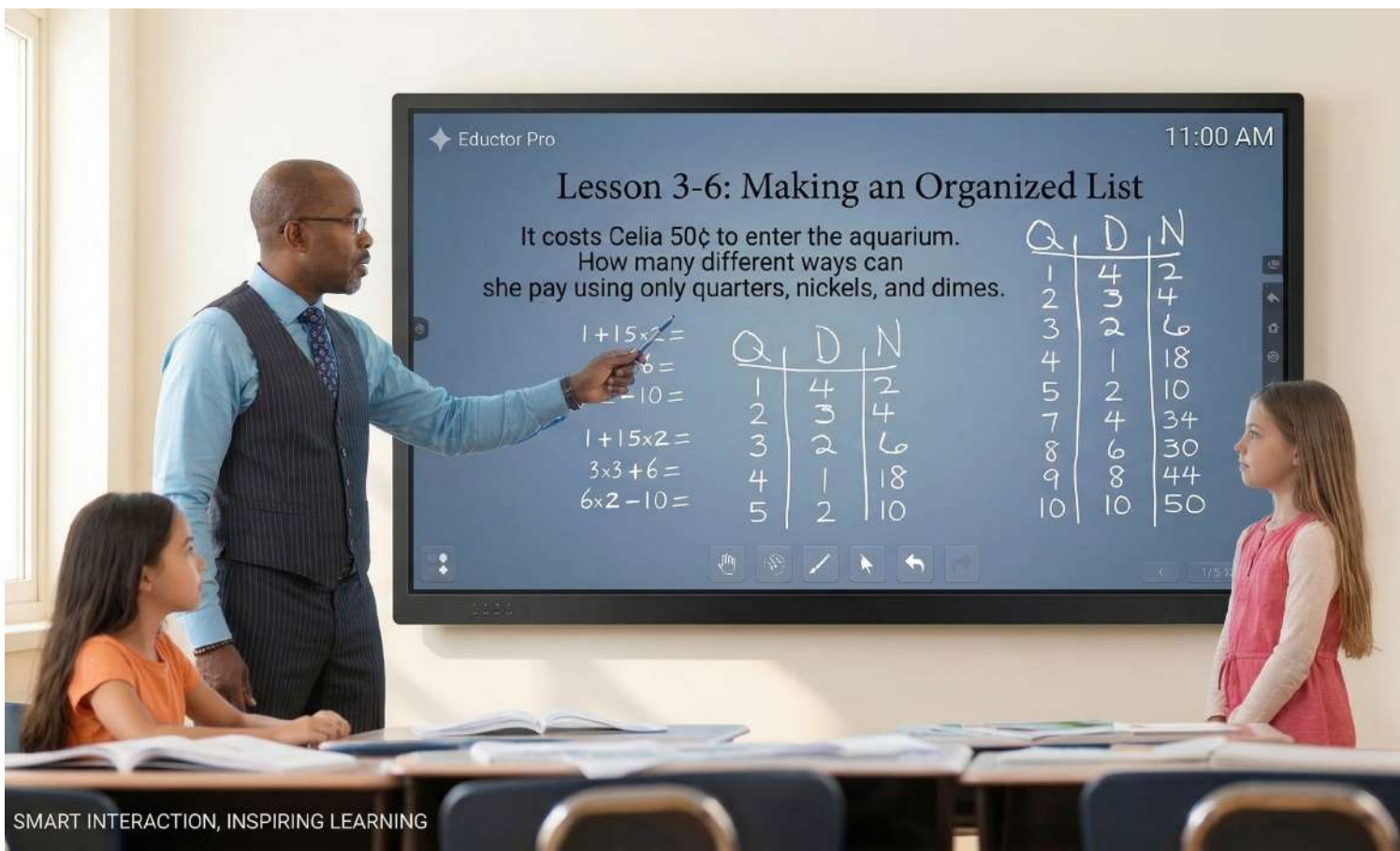
Available sizes: 55", 65", 75", 86"

FEATURE	55" MODEL	65" MODEL	75" MODEL	86" MODEL
Model Code	TX-IFP4-k-55-EDU	TX-IFP4-k-65-EDU	TX-IFP4-k-75-EDU	TX-IFP4-k-86-EDU
LCD Size	55"	65"	75"	86"
Resolution	3840 x 2160 (4K UHD)	3840 x 2160 (4K UHD)	3840 x 2160 (4K UHD)	3840 x 2160 (4K UHD)
Brightness	300 cd/m ² (typ.)	350 cd/m ² (typ.)	350 cd/m ² (typ.)	400 cd/m ² (typ.)
Pixel Pitch	0.315 x 0.315 mm	0.496 x 0.372 mm	0.496 x 0.4296 mm	0.4935 x 0.4935 mm
Visual Area	1209.6 (H) x 680.4 (V) mm	1428.48 (H) x 803.52 (V) mm	1650.24 (H) x 928.26 (V) mm	1895.04 (H) x 1065.96 (V) mm
Net Weight	25.5 ± 1 kg	44.5 ± 1 kg	63.5 ± 1 kg	78 ± 1 kg
Gross Weight	33 ± 1 kg	55.5 ± 1 kg	79.5 ± 1 kg	96 ± 1 kg
Bare Dimensions	1257.59 x 743.55 x 83.93 mm	1481.1 x 913.3 x 94.8 mm	1707.4 x 1038.3 x 96 mm	1953.8 x 1178.0 x 96 mm
Packing Dimensions	1380 x 210 x 910 mm	1630 x 240 x 1050 mm	1860 x 240 x 1160 mm	2150 x 280 x 1350 mm
Max Power Consumption	≤ 120W	≤ 180W	≤ 200W	≤ 280W
VESA Hole	400 x 400 mm	400 x 400 mm	600 x 300 mm	400 x 400 mm
Color Saturation	%70	%70	%68	%72
Touch Points	20 points (IR multi-touch)	20 points (IR multi-touch)	20 points (IR multi-touch)	20 points (IR multi-touch)

Screen Size (Inch)	Dimensions (L x W x T) mm	Dimension Schematic	Resolution
55"	1257.6 x 743.6 x 83.9 mm		4K UHD
65"	1481.1 x 913.3 x 94.8 mm		
75"	1707.4 x 1031.3 x 96.0 mm		
86"	1953.8 x 117.0 x 96.0 mm		

Common Specifications (All Models)

- ✓ **Resolution:** 3840 x 2160 (4K UHD)
- ✓ **Android OS:** Android 8.0, Quad-core CPU (2xA53 + 2xA73), Mali T820 GPU, 2GB RAM / 16GB ROM
- ✓ **Touch:** IR 20 Points Multi-Touch, 1mm Precision
- ✓ **Glass:** 4mm Tempered Glass (Anti-glare optional)
- ✓ **Interface:** 2x HDMI In, 2x USB In, VGA, LAN, etc.
- ✓ **Speaker:** 2 x 10W



C. IFP for Business

Interactive Flat Panels for Business



I. Key Features

- ✓ 4K UHD (3840 x 2160 Pixels)
- ✓ Operation System Options: Android 8.0/Windows
- ✓ Android 8.0: Memory/Storage 4G+32G
- ✓ Windows by OPS: Intel Core i3/i5/i7
- ✓ Touch: IR 20 Points Multi-Touch, 1mm Touch Precision
- ✓ Writing Method: Pen/Finger Touch
- ✓ 8M Pixels Built-in Camera Optional
- ✓ Language: Multi Languages
- ✓ Anti-Glare Tempered Glass

Panel Size Options: 55" 65" 75" 86" 98" 110"

SPECIFICATIONS	55"	65"	75"	86"	98"	110"
Model Code	TX-IFP-4K-55-B	TX-IFP-4K-65-B	TX-IFP-4K-75-B	TX-IFP-4K-86-B	TX-IFP-4K-98-B	TX-IFP-4K-110-B
LCD Size	55"	65"	75"	86"	98"	110"
Resolution	4K UHD (3840x2160)	4K UHD	4K UHD	4K UHD	4K UHD	4K UHD
Brightness (typ.)	350 cd/m ²	350 cd/m ²	350 cd/m ²	350 cd/m ²	500 cd/m ²	500 cd/m ²
Frequency	60Hz	60Hz	60Hz	60Hz	120Hz	120Hz
Contrast Ratio	1100:1 ~ 5000:1	1100:1 ~ 5000:1	1100:1 ~ 5000:1	1100:1 ~ 5000:1	1300:1	1200:1
Android OS	8.0	8.0	8.0	8.0	8.0	9.0
RAM / ROM	4GB / 32GB	4GB / 32GB	4GB / 32GB	4GB / 32GB	4GB / 32GB	4GB / 32GB
Touch Points	20 Points	20 Points	20 Points	20 Points	20 Points	20 Points
Camera & Mic	Built-in (8MP)	Optional	Built-in (8MP)	Optional	Optional	Optional
Net Weight	44 ± 1 kg	47 ± 1 kg	66 ± 1 kg	79 ± 1 kg	138 ± 1 kg	176 ± 1 kg
Dimensions (W×H×D) mm	1260 x 800 x 80	1481 x 928 x 94	1707 x 1053 x 96	1953 x 1193 x 96	2219 x 1339 x 112	2253 x 1438 x 106
Max Power Consumption	≤ 190W	≤ 180W	≤ 200W	≤ 280W	≤ 500W	≤ 500W



Original
handwriting



Scan code to
take away



Wireless
miracast



Twenty points
writing



Eight cores
processor



Ultra-narrow
frame

Screen Size (Inch)	Technical Drawings (Front & Side)	Dimensions (L x W x T) mm	Resolution
55"		1230.3 x 710.2 x 90.3 mm	4K UHD
65"		1450.4 x 830.5 x 100.6 mm	4K UHD
75"		1670.7 x 950.8 x 105.9 mm	4K UHD
86"		1910.0 x 1090.1 x 110.2 mm	4K UHD
98"		2180.3 x 1240.4 x 120.5 mm	4K UHD
110"		2440.6 x 1339.0 x 112.0 mm	4K UHD

2



Interactive Flat Touch Panels

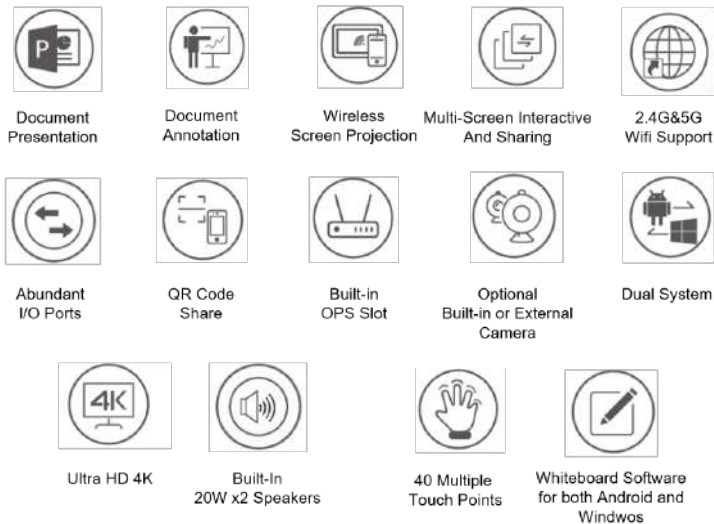
1: TE-QS65-PRO Interactive Flat Panel Display

TX-IFPD-A16-EDLA

FEATURE	DETAILS
Accessories	Stylus Pen ×2, Power Cable ×1, Remote ×1, Wall Bracket ×1
Product sizes (mm)	1483 * 905 * 97
Product N.W./G.W (kg)	38 / 50
Carton Size (mm)	1590 * 1043 * 160



FEATURE	DETAILS & BENEFITS
Google EDLA Certified	Full access to Google Play Store and Workspace apps with enhanced security.
Android 13.0 OS	Latest operating system for smooth, fast, and responsive performance.
4K UHD Display	Crystal-clear 3840 x 2160 resolution with -10bit color depth.
-40Point Touch	High-precision infrared touch allowing multiple users to interact simultaneously.
Octa-Core Performance	Powerful 8-core CPU with 8GB RAM and 64GB storage for multitasking.
Wi-Fi 6 & BT 5.4	Ultra-fast wireless connectivity and stable peripheral pairing.
Eye Protection	AG Tempered Glass with blue light filter and anti-fingerprint coating.
Integrated Audio	Built-in 40W speakers and -8array microphone for clear communication.
All-in-One USB-C	Front-facing port for charging, data, and 4K video via a single cable.
Wireless Casting	Built-in support for AirPlay, Google Cast, and Miracast.



2: EDLA model

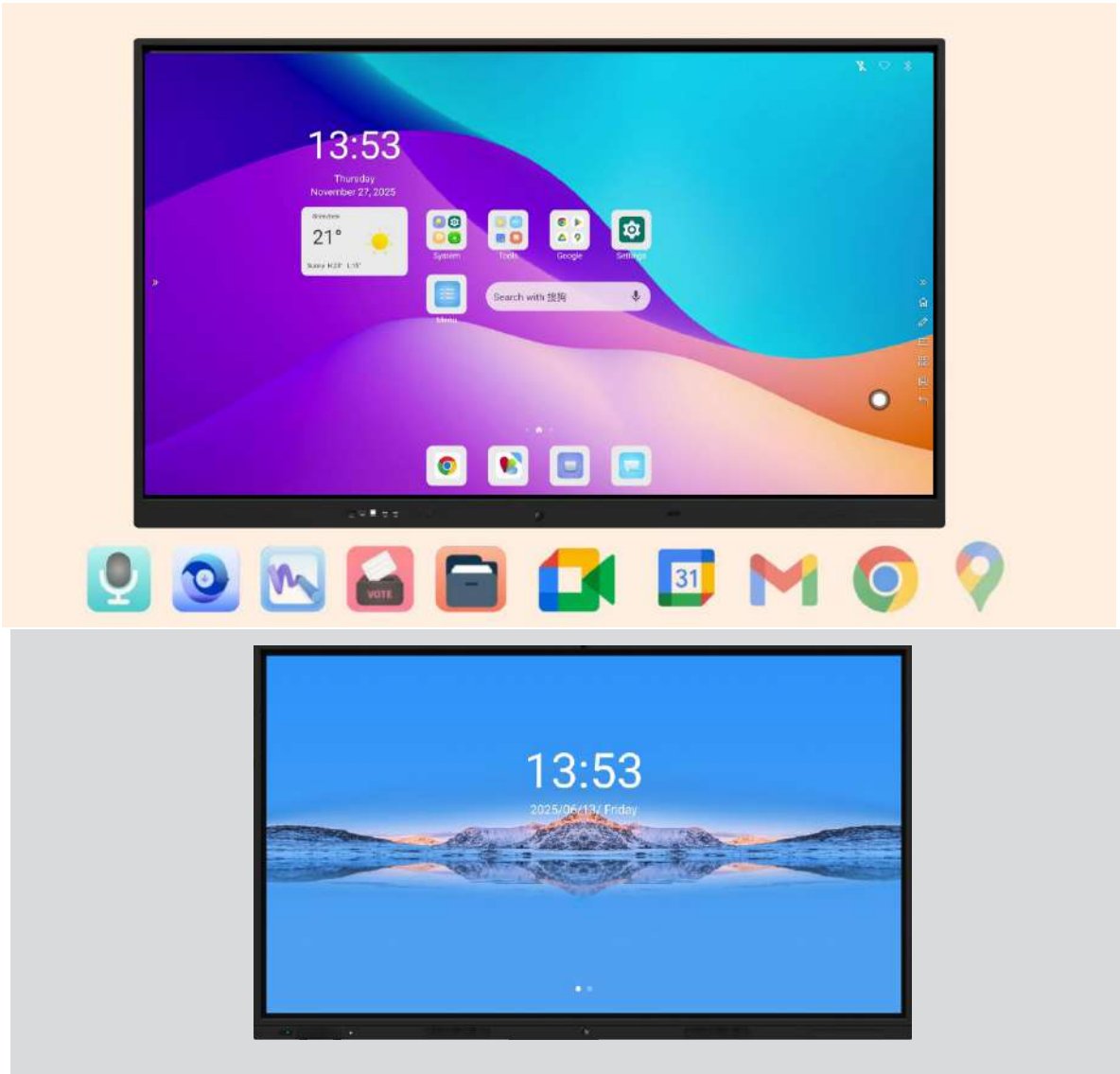
YL-65

YL-75

YL-86

TX-IFPD-YL-A13

SPECIFICATIONS	YL-65	YL-75	YL-86
Model Code	TX-IFPD-YL-A13-65	TX-IFPD-YL-A13-75	TX-IFPD-YL-A13-86
Product Size (mm)	1485 * 905 * 97	1700 * 1030 * 97	1954* 1168 * 97
Carton Size (mm)	1590 * 1043 * 160	1805 * 1173 * 160	2120 * 1353 * 185
Weight (Net/Gross KGS)	37 / 49	50 / 65	60 / 78
Standard Accessories & Included Items	• Magnetic Pens (x2) • HDMI Cable (x1) • Touch USB Cable (x1) • Power Cable (x1) • Software Download Card (x1) • Remote Control (x1) • Wall Mounting Bracket (x1)	• Magnetic Pens (x2) • HDMI Cable (x1) • Touch USB Cable (x1) • Power Cable (x1) • Software Download Card (x1) • Remote Control (x1) • Wall Mounting Bracket (x1)	• Magnetic Pens (x2) • HDMI Cable (x1) • Touch USB Cable (x1) • Power Cable (x1) • Software Download Card (x1) • Remote Control (x1) • Wall Mounting Bracket (x1)



FEATURE	DESCRIPTION
Display Quality	3840*2160 (4K) UHD panel, providing perfect display performance.
Operating System	Android 14 OS, featuring high performance and fast processing speed.
Touch Technology	Latest Infrared touch technology, supporting multi-touch with high speed and smooth operation; features the best slim frame solution.
OS Compatibility	Touch functionality supports Windows, Linux, Android, Mac OS, and Chrome OS.
System Management	Supports OTA (Over-the-Air) updates and centralized management software (fault reporting, configuration, media pushing), supporting up to 50,000 devices.
Writing Experience	Non-air gap model, ensuring the best and most accurate writing experience.
Screen Protection	Anti-glare glass to protect users' eyes and provide a good viewing angle.
Physical Design	Net weight (N.W.) is only 42KG, making delivery and installation much easier.
Software Tools	Multi-input annotation software, making it much easier to take notes during teaching or meetings.
Aesthetics	Highest screen display area with a very slim black border on the surface (only 9mm), making the screen look highly appealing.
Language & Certifications	Supports Arabic and English languages. FCC & CE certified.



Document
Presentation



Document
Annotation



Wireless
Screen Projection



Multi-Screen Interactive
And Sharing



2.4G&5G
Wifi Support



Abundant
I/O Ports



QR Code
Share



Built-in
OPS Slot



Optional
Built-in or External
Camera



Dual System



Ultra HD 4K



Built-In
20W x2 Speakers



40 Multiple
Touch Points



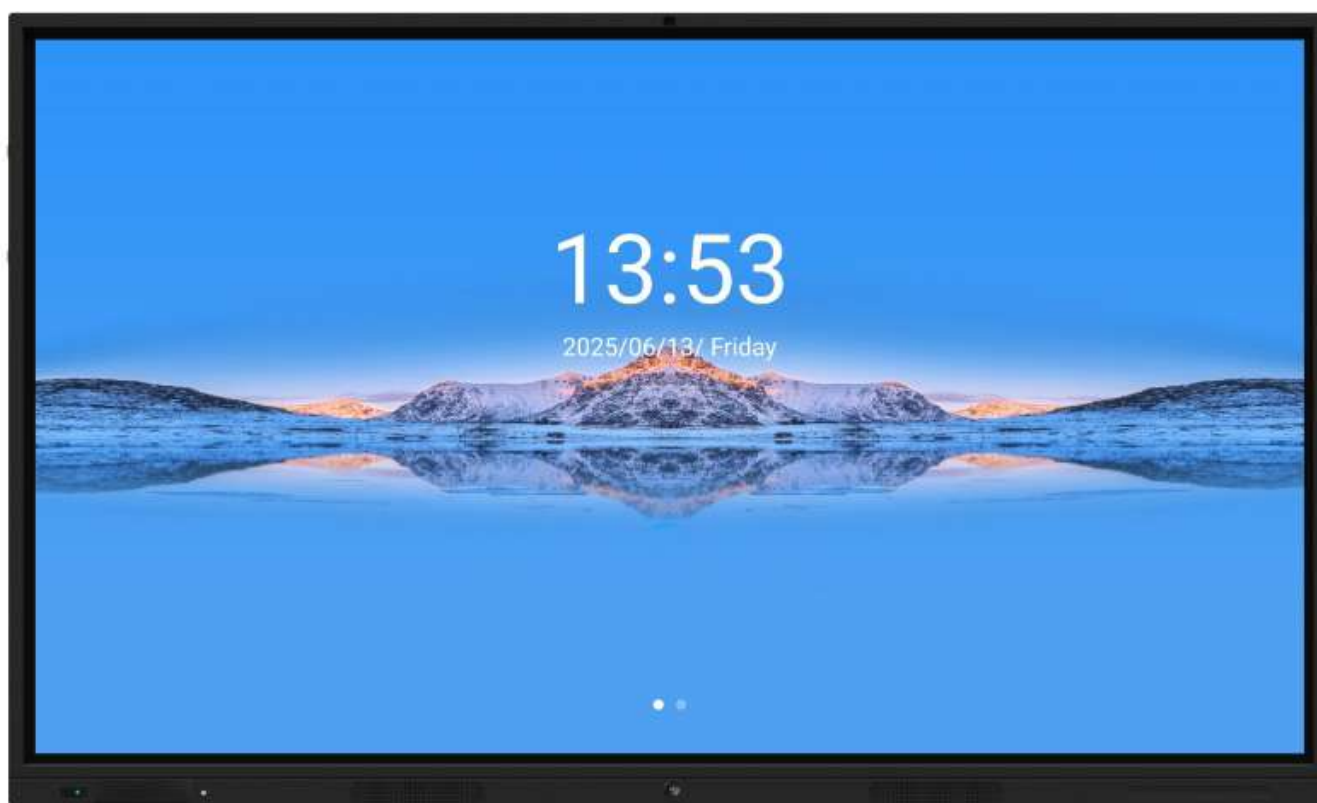
Whiteboard Software
for both Android and
Windows

3: TE-QS75- Touch Screen Monitor Specs

TX-IFP-QS-A14

SPECIFICATIONS	DETAILS
Model Code	TX-IFP-QS-A14
Product Size (mm)	1707 * 1030 * 97 mm
Carton Size (mm)	1873 * 1204 * 160 mm
Weight (Net/Gross KGS)	42 Kgs / 55 Kgs
Standard Accessories	Touch pen x 2, USB(A-B 1.5M) x 1, HDMI cable(2M) x 1, Power cable (1.8M) x 1, Remote controller x 1, Wall mount x 1, Software download card x 1

FEATURE	DESCRIPTION
Model Code	TX-IFP-QS-A14
Display Quality	3840*2160 (4K) UHD panel, perfect display performance
Operating System	Android 14 OS, high configuration, fast speed
Touch Technology	Latest Infrared touch technology, multi touch, high speed and smoothly, the best slim frame solution
OS Compatibility	Touch support Windows, Linux, Android and Mac OS, Chrome OS
System Management	Supports OTA (Over-the-Air) updates, Centralized management software: fault reporting, config, media pushing, Supports up to 50,000 devices
Writing Experience	Non-air gap model, best writing experience
Screen Protection	Anti-glare glass, protect the users eyes, and good view
Physical Design	N.W. only 42KG, much easier for delivery and installation
Software Tools	Multi input annotation software, much easier to make note when teaching or having meeting
Aesthetics	Highest screen display area, very slim black area on the surface, only 9mm, make the screen look very nice
Language & Certifications	Multilingual support. FCC & CE supported.



4: TE-QS MAX Series **65** **75** **86**

TX-IFP-HE

SPECIFICATIONS	65» MODEL	75» MODEL	86» MODEL
Model Code	TX-IFP-HE-65	TX-IFP-HE-75	TX-IFP-HE-86
Product Size (mm)	1485 * 905 * 97	1707 * 1030 * 97	1954 * 1169 * 97
Carton Size (mm)	1590 * 1043 * 160	1835 * 1173 * 160	2070 * 1310 * 185
Weight (Net/Gross KGS)	35 / 47	50 / 65	61 / 78
Standard Accessories	• Magnetic Pen ×2 • HDMI Cable ×1 • Touch USB Cable ×1 • Power Cable ×1 • Software download card ×1 • Remote ×1 • Wall mounting bracket ×1	• Magnetic Pen ×2 • HDMI Cable ×1 • Touch USB Cable ×1 • Power Cable ×1 • Software download card ×1 • Remote ×1 • Wall mounting bracket ×1	• Magnetic Pen ×2 • HDMI Cable ×1 • Touch USB Cable ×1 • Power Cable ×1 • Software download card ×1 • Remote ×1 • Wall mounting bracket ×1



Built-in OPS Slot



Optional Built-in or External Camera



Wireless Screen Projection



Multi-Screen Interactive And Sharing



2.4G&5G Wi-Fi Support



Dual System



50 Multiple Touch Points



Whiteboard Software for both Android and Windows



Document Presentation



Document Annotation



Ultra HD 4K



Built-In 20W x2 Speakers Subwoofer 20Wx1



Abundant I/O Ports



QR Code Share

FEATURE	DESCRIPTION
Display Quality	Ultra HD 4K Resolution (3840 x 2160) with DLED backlight, 450 cd/m ² brightness, and anti-blue light technology for eye protection.
Operating System	Dual System support: Built-in Android 14.0 (Octa-core A76*4 + A55*4) and optional Windows OPS slot for seamless performance.
Touch Technology	Advanced Infrared Touch technology supporting up to 50 multiple touch points with less than 1mm accuracy and 5ms response time.
OS Compatibility	Broad compatibility with Windows, Linux (including Max OS, Madrid Linux), Mac OS, Android, and Chrome OS.
System Management	Efficient management with light sensors for auto-brightness, abundant I/O ports, and wireless screen projection/sharing.
Writing Experience	Natural writing mode using fingers or opaque objects, supporting simultaneous use by 2 users with high precision.
Screen Protection	4mm thick AG Tempered Glass, anti-reflective, shock and scratch resistant with 9H hardness level.
Physical Design	High-end aesthetic with front-facing buttons and ports, built-in 20W x2 speakers plus a 20W x1 subwoofer for premium audio.
Software Tools	Includes DV X whiteboard software with powerful annotation tools, document presentation, and QR code sharing.
Aesthetics	Sleek, modern design with a professional finish, suitable for high-end corporate and educational environments.
Language & Certifications	Multi-language support and international certifications ensuring quality and safety standards for global markets.

TX-IFPD-A14

FEATURE	TE-QS-65	TE-QS-75	TE-QS-86	TE-QS-98
Model Code	TX-IFPD-A14-65	TX-IFPD-A14-75	TX-IFPD-A14-86	TX-IFPD-A14-98
Product Size (mm)	1485 × 905 mm	1700 × 1047.8 mm	1954 × 1169 mm	2215.6 × 138.5 mm
Carton Size (mm)	1590 × 1043 × 160 mm	1835 × 1173 × 160 mm	2070 × 1310 × 185 mm	2350 × 280 × 1500 mm
Weight (Net / Gross KGS)	37 kg / 49 kg	51 kg / 67 kg	68 kg / 88 kg	94 kg / 114 kg
Standard Accessories	✓ 2× Magnetic Pen ✓ Power Cable ✓ Remote Control ✓ Wall Mount Bracket + Installation Guide ✓ HDMI Cable ✓ USB-B Touch Cable	✓ 2× Magnetic Pen ✓ Power Cable ✓ Remote Control ✓ Wall Mount Bracket + Installation Guide ✓ HDMI Cable ✓ USB-B Touch Cable	✓ 2× Magnetic Pen ✓ Power Cable ✓ Remote Control ✓ Wall Mount Bracket + Installation Guide ✓ HDMI Cable ✓ USB-B Touch Cable	✓ 2× Magnetic Pen ✓ Power Cable ✓ Remote Control ✓ Wall Mount Bracket + Installation Guide ✓ HDMI Cable ✓ USB-B Touch Cable

FEATURE	DESCRIPTION
Display Quality	4K UHD (3840 x 60 @ (2160Hz, DLED, 450 cd/ m ² , 1.07 Billion colors, 178° viewing angle
Operating System	Android 14.0 (Octa-core ARM Cortex-A8 ,55GB RAM, 128GB Storage)
Touch Technology	Infrared (IR) Touch, 20-point multi-touch
OS Compatibility	Windows, macOS, Linux, Android, Chrome OS
System Management	Auto-brightness light sensor, built-in file manager, screen sharing app
Writing Experience	Finger or opaque object input, dual-user simultaneous support, <1mm accuracy, 4ms response
Screen Protection	4mm Anti-Glare (AG) Tempered Glass, 9H hardness, shock & scratch resistant
Physical Design	Front-panel ports (HDMI, USB, Type-C), 8- array mic, 20W dual speakers, sizes: 65» to 98»
Software Tools	Built-in DV X (whiteboard, universal annotation, AI features)



20 Multiple
Touch Points



Whiteboard Software
for both Android and
Windows



Document
Presentation



Document
Annotation



Wireless
Screen Projection



Multi-Screen Interactive
And Sharing



2.4G&5G
Wifi Support



Ultra HD 4K



Built-In
20Wx2 Speakers



Abundant
I/O Ports



QR Code
Share



Built-in
OPS Slot



Optional
Built-in or External
Camera



Dual System



Front



Side



Rear

TX-IFPD-XP



Front



Side



Rear

TE-XP Series Interactive Flat Panel Display

Product Comparison - 4 Models

Specification	TE-XP-55	TE-XP-65	TE-XP-75	TE-XP-86
Model Code	TX-IFPD-XP-55	TX-IFPD-XP-65	TX-IFPD-XP-75	TX-IFPD-XP-86
Product Size (mm)	1263 × 780 × 84	1485 × 905 × 85	1707 × 1030 × 85	1957 × 1160 × 86
Carton Size (mm)	1385 × 920 × 194	1646 × 1074 × 225	1873 × 1204 × 225	2130 × 1330 × 225
Weight (Net/Gross KGS)	31 / 42	37 / 49	48 / 66	65 / 88
Standard Accessories	• Magnetic Pen × 2 • HDMI Cable × 1 • Touch USB • Power Cable × 1 • Software Download Card × 1 • Wall Mounting Bracket × 1	• Magnetic Pen × 2 • HDMI Cable × 1 • Touch USB • Power Cable × 1 • Software Download Card × 1 • Wall Mounting Bracket × 1	• Magnetic Pen × 2 • HDMI Cable × 1 • Touch USB • Power Cable × 1 • Software Download Card × 1 • Wall Mounting Bracket × 1	• Magnetic Pen × 2 • HDMI Cable × 1 • Touch USB • Power Cable × 1 • Software Download Card × 1 • Wall Mounting Bracket × 1



50 Multiple Touch Points



Whiteboard Software for both Android and Windows



Document Presentation



Document Annotation



Wireless Screen Projection



Multi-Screen Interactive And Sharing



2.4G&5G Wifi Support



Ultra HD 4K



Built-In 15W x2 Speakers



Abundant I/O Ports



QR Code Share



Built-in OPS Slot



Optional Built-in or External Camera



Dual System

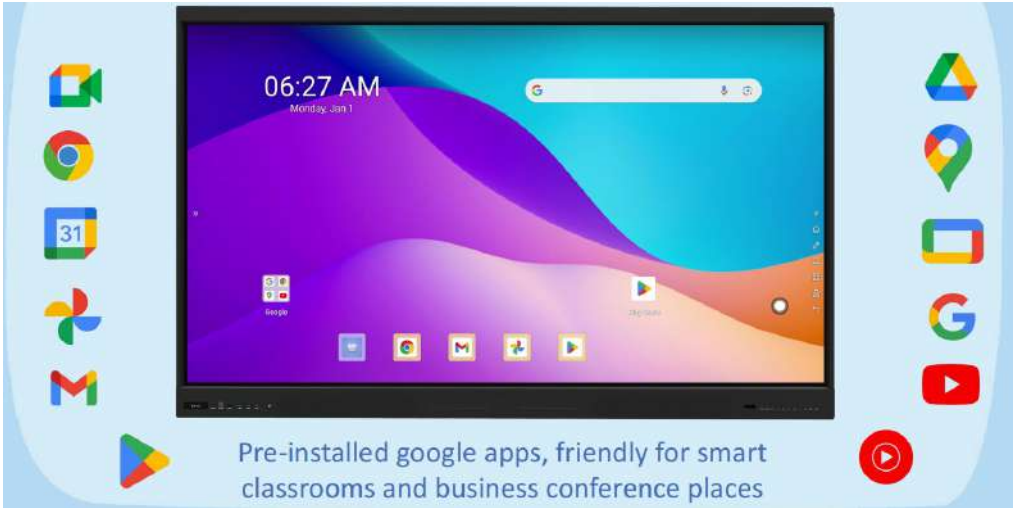
FEATURE	SPECIFICATION
Display Backlight	DLED backlight
Resolution	Native 4K (3840 x 2160 pixels), UHD
Brightness	400 cd/m ²
Contrast	1200:1 or higher
Aspect Ratio	16:9
View Angle	178°
Color Depth	10bit, 1.07 Billion colors
Panel Response Time	8ms
Life Time	50,000 hrs
Operating System	Android 14.0
CPU	A76*2 @1.9G + A55*2 @1.9G
GPU	Quad-core MaliG57
RAM / Storage	8G (8G/16G/32G optional) / 128G (64G/128G optional)
Connectivity	WIFI 5 ,6G/2.4G, Bluetooth 5.2
Touch Technology	Infrared Touch
Touch Points	20 points for Android, 50 points for Windows
Writing Mode	Finger or any opaque object
Accuracy	<2mm
Speaker	15W x 2
Advanced Features	Dual WIFI modules, USB-C (data, video, charging), Dual LAN (RJ-45in/out), iMagic MDM support, Web navigator & video playback

7: TE-YL-75-6QSELA

TX-YL6-A13-EDLA



SPECIFICATION	DETAILS
Product Size (mm)	1700 × 1047.8 × 82.6
Carton Size (mm)	1873 × 1204 × 225 (Estimated based on 75" standard)
Weight (Net/Gross KGS)	50 / 68 (Gross estimated based on standard packaging)
Standard Accessories	• Magnetic Pen × 2 (support to be fixed on the IFPD front bottom bezel) • USB-C 3.2 male/male cable 2 meters × 1 • HDMI Cable 2 meters × 1 • Touch USB cable 1.5 meters × 1 • Power Cable 3 meters × 1 • Remoter × 1 • Wall mounting bracket × 1



SPECIFICATION	DETAIL
Display Backlight	DLED backlight
Resolution	Native 4K UHD (3840 x 2160)
Brightness	500 cd/m ²
Contrast	1200:1 or higher
Aspect Ratio	16:9
View Angle	178°
Color Depth	10-bit, 1.07 Billion colors
Panel Response Time	LCD 8ms / Touch 4ms
Life Time	50,000 hours
Operating System	Android 13.0 Google EDLA Certified
CPU	Octa-core A73x4 + A53x4, 2.28GHz
GPU	ARM Mali G52MP8
RAM / Storage	8GB / 64GB or 256GB
Connectivity	Wi-Fi 5/6, Bluetooth 5.2, Ethernet
Touch Technology	Infrared Touch
Touch Points	20 (Android) / 50 (Windows)
Writing Mode	Finger, stylus, pointer
Accuracy	±1.5 mm
Speaker	2 x 20W RMS (+25W Subwoofer optional)
Advanced Features	Anti-reflective tempered glass, hardness 7

8: TE-TL Interactive 65 75 86 98 Android 14

TX-IFPD-T-A14

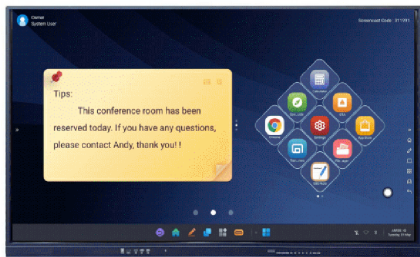
TE-TL Series
Android 14 4+64G/8+128G



FEATURE	TE-TL-65	TE-TL-75	TE-TL-86	TE-TL-98
Model Code	TX-IFPD-T-A14-65	TX-IFPD-T-A14-75	TX-IFPD-T-A14-86	TX-IFPD-T-A14-98
Specification	65" 4K UHD(3840/2160) DLED, 450 cd/m ² , 5000:1	75" 4K UHD(3840/2160) DLED, 450 cd/m ² , 5000:1	86" 4K UHD(3840/2160) DLED, 450 cd/m ² , 5000:1	98" 4K UHD(3840/2160) DLED, 450 cd/m ² , 5000:1
Product Size (mm)	1485.2 x 924.5 x 85	1707 x 1049.7 x 85	1953.5 x 1188.3 x 85	2215.6 x 1358.7 x 102.7
Carton Size (mm)	1646 x 1074 x 160	1873 x 1204 x 160	2120 x 1333 x 185	2330 x 280 x 1300
Weight (Net / Gross KGS)	38 kg / 50 kg	50 kg / 65 kg	60 kg / 78 kg	94 kg / 115 kg
Standard Accessories	• Magnetic Pen x2 • HDMI Cable • Touch USB Cable • Power Cable • Software Download Card • Remote Control • Wall Mounting Bracket	• Magnetic Pen x2 • HDMI Cable • Touch USB Cable • Power Cable • Software Download Card • Remote Control • Wall Mounting Bracket	• Magnetic Pen x2 • HDMI Cable • Touch USB Cable • Power Cable • Software Download Card • Remote Control • Wall Mounting Bracket	• Magnetic Pen x2 • HDMI Cable • Touch USB Cable • Power Cable • Software Download Card • Remote Control • Wall Mounting Bracket



FEATURE	DESCRIPTION
Display Backlight	OLED backlight
Resolution	3840*2160 (4K) UHD
Brightness	450 cd/m ²
Contrast	5000:1
Aspect Ratio	16:9
View Angle	178°
Color Depth	10bit, 1.07 billion colors
Panel Response Time	6 ms
Life Time	100,000 hours
Operating System	Android 14.0
CPU	A76x2 + A55x2 (Quad-core)
GPU	Quad-core Mali-G57
RAM / Storage	4 GB RAM + 64 GB storage (optional 8 GB / 128 GB)
Connectivity	• Dual Wi-Fi: 2.4 GHz (network) + 5 GHz (screen sharing) • Bluetooth 5.2 • Front: HDMI 2.0, 3×USB 3.0, Touch USB, USB-C (touch, data, video, slow charge) • Rear: 2×HDMI 2.0, VGA+Audio, 3×USB 3.0, Touch USB, RS232, RJ45 IN (Gigabit), RJ45 OUT, DP, OPS slot, TF card, HDMI-out, SPDIF, Earphone, 2nd USB-C
Touch Technology	Infrared Touch
Touch Points	20 touch points (Android & Windows)
Writing Mode	Finger or any opaque object
Accuracy	< 2 mm
Speaker	2 x 20 W speakers + -6mic array
Advanced Features	• iMagic MDM – remote device management, app install/uninstall • USB-C single-cable solution – touch, data, video projection, charging • LAN out (RJ45) – provide internet to external device • Dual Wi-Fi modules – dedicated 5GHz for screen sharing • Ambient light sensor – automatic brightness adjustment • DV X – whiteboard & annotation over any source • OPS slot – supports 4K@60Hz Windows expansion



Front View (4K UI)



Rear View (Black)

OPTIONAL ACCESSORIES



MOBILE STAND

Make meeting no place restriction



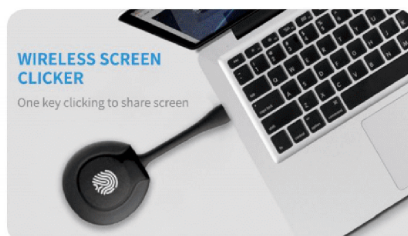
WIRELESS SCREEN CLICKER

One key clicking to share screen



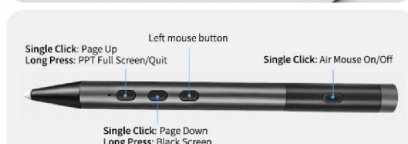
INTELLIGENT PEN

Make Presentation Easier



WIRELESS SCREEN CLICKER

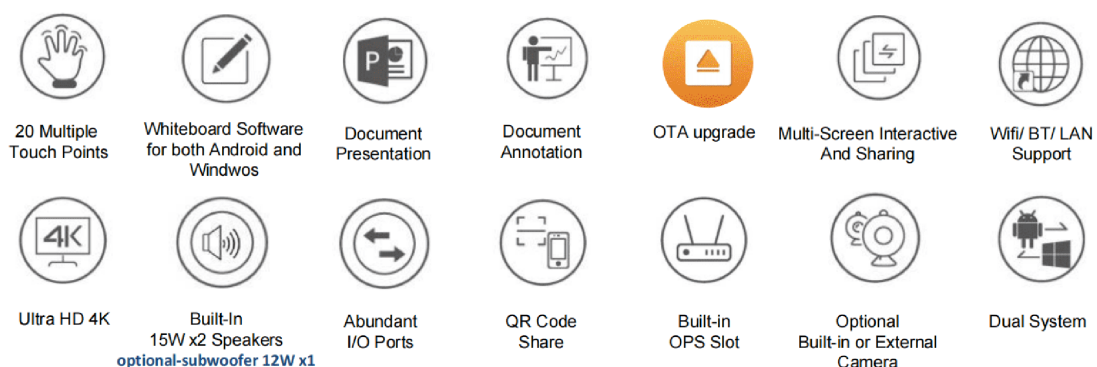
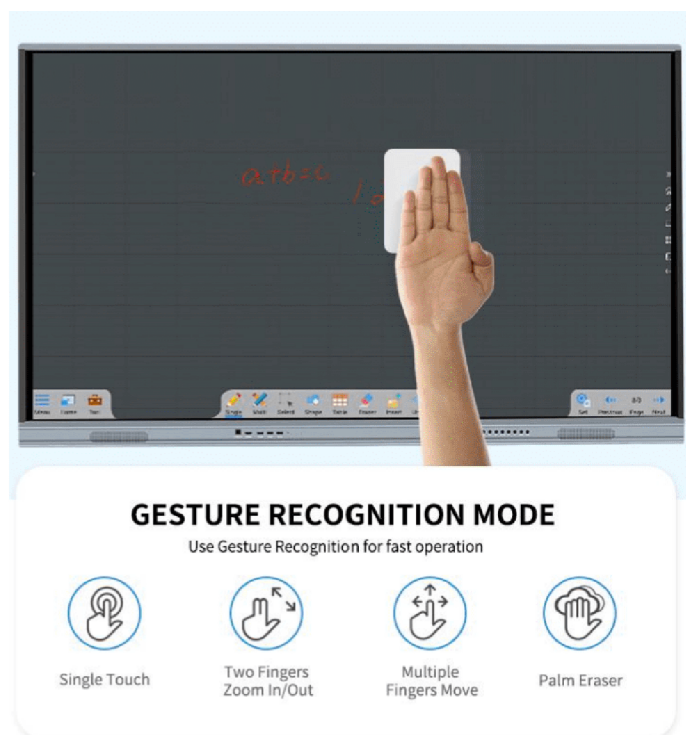
One key clicking to share screen



Single Click: Page Up
Long Press: PPT Full Screen/Quit
Left mouse button
Single Click: Air Mouse On/Off
Single Click: Page Down
Long Press: Black Screen

FEATURE	TE-TL 65	TE-TL 75	TE-TL 86
Model Code	TX-IFPD-T-A13-65	TX-IFPD-T-A13-75	TX-IFPD-T-A13-86
Product Size (mm)	1485 × 905 × 91 mm	1707 × 1030 × 91 mm	1954 × 1168 × 91 mm
Carton Size (mm) (L × H × W)	1646 × 074 × 240 mm	1873 × 1204 × 240 mm	2120 × 1353 × 240 mm
Weight (Net / Gross KGS)	38 kg / 50 kg	50 kg / 65 kg	60 kg / 78 kg
Standard Accessories	• Magnetic Pens (2) • HDMI Cable • Touch USB Cable • Power Cable • Software Download Card • Remote Control • Wall Mounting Bracket	• Magnetic Pens (2) • HDMI Cable • Touch USB Cable • Power Cable • Software Download Card • Remote Control • Wall Mounting Bracket	• Magnetic Pens (2) • HDMI Cable • Touch USB Cable • Power Cable • Software Download Card • Remote Control • Wall Mounting Bracket

- Support dual system, easy to switch between android and Windows OS
- Support various document formats on android and windows
- Provide OPS slot for adding optional OPS module



FEATURE	DESCRIPTION
Display Backlight	D-LED (Direct-Lit LED) Backlight technology – uniform brightness and enhanced contrast.
Resolution	4K Ultra HD – 3840 x 2160 pixels; supports Full HD & 4K@60Hz via OPS and all main inputs.
Brightness	350 cd/m ² (standard) – vivid clarity suitable for conference rooms & education environments.
Contrast	Dynamic Contrast Ratio: 5000:1 – deep blacks and brilliant highlights.
Aspect Ratio	16:9 native, adjustable modes: 4:3, dot to dot, full screen.
View Angle	178° horizontal / 178° vertical – consistent color and contrast from any perspective.
Color Depth	10-bit, 1.07 billion colors – smooth gradients and true-to-life color reproduction.
Panel Response Time	<8 ms (gray-to-gray) – fluid touch and video playback without ghosting.
Life Time	≥ 100,000 hours – long lasting reliability for continuous commercial use.
Operating System	Android 13.0 – optimized for interactivity, with OPS slot for optional Windows expansion.
CPU	ARM Cortex-A73 (Quad-core) + Cortex-A53 (Quad-core), up to 2.28GHz – powerful multitasking.
GPU	ARM Mali-G52 MP8) 6 core) – smooth 4K rendering and UI acceleration.
RAM / Storage	8GB DDR4 RAM + 128GB eMMC 5.1 – ample capacity for apps, files, and whiteboard recordings.
Connectivity	Wireless: Wi-Fi 6 (802.11ax) + Dual-band Wi-Fi 5G, Bluetooth 5.0. Rear I/O: HDMI 2.0 (x2, 4K@60Hz), USB 2.0, USB 3.0 (x2), Touch USB (x2), TF card slot, RS232, RJ45, MIC, DP (4K@60Hz), VGA/Audio, USB-C (4K@60Hz / fast charge / touch), OPS slot. Front I/O: USB 3.0 (x3, supports Android & PC), HDMI 2.0, Touch USB Type-B, USB-C (4K@60Hz / slow charge / touch/data). Outputs: HDMI Out (4K@60Hz), Coaxial, Headphone jack, RJ45 out.
Touch Technology	High-precision infrared (IR) touch with anti-glare AG tempered glass (4mm, 7H hardness).
Touch Points	Up to 20 simultaneous touch points on both Android & Windows (OPS/PC mode).
Writing Mode	Finger, stylus, or any opaque object – smooth and natural writing experience.
Accuracy	<2 mm touch precision – fine annotation and accurate drawing performance.
Speaker	2 × 15W front firing stereo speakers, optional 12W subwoofer for enhanced audio presence.
Additional Features	• Ambient Light Sensor – automatic brightness adjustment based on room lighting. • Wireless Screen Sharing – native casting app for effortless collaboration. • AG Tempered Glass – 4mm thickness, 7H hardness, anti-glare & anti-fingerprint. • Optional Built-in Camera – 8MP or 48MP for video conferencing. • Optional Microphone Array – 6 or 8 mic arrays for clear voice pickup. • OPS Expansion Slot – add Windows module for full PC separation. • Front Button Panel – POWER / SOURCE / MENU / VOL- / VOL+ / REC / A.BLUE / PC / ES / RATIO / HOME. • File Manager & Music Player – local and online media playback support. • 4K@60Hz End-to-End – HDMI, DP, USB-C and OPS all support 4K 60Hz. • Low Standby Power – <1W standby consumption, energy efficient.

10: P-CAP Touchscreen

TX-TS-P-CAP



Standalone Model
19~43 inch

A : NON-SYSTEMIC SPECIFICATION

19" 21.5" 24" 27" 32" 43"

FEATURE	19PCAP	21.5PCAP	24PCAP	27PCAP	32PCAP	43PCAP
Model Code	TX-TS-P-CAP-19	TX-TS-P-CAP-21.5	TX-TS-P-CAP-24	TX-TS-P-CAP-27	TX-TS-P-CAP-32	TX-TS-P-CAP-43
Screen Size	19"	21.5"	24"	27"	32"	43"
Display Area (W×H)	412.4 × 233 mm	476.8 × 268.3 mm	524.2 × 296.22 mm	598.89 × 337.71 mm	700.4 × 394.85 mm	942.37 × 530.61 mm
Overall Dimensions (W×H×D)	435.8 × 276.4 × 47.8 mm	534.4 × 321 × 47.8 mm	566.8 × 338.8 × 47.8 mm	650.6 × 389 × 51.8 mm	755.01 × 449.45 × 55.7 mm	995.97 × 584.21 × 62.9 mm
Native Resolution	1366 × 768	1920 × 1080 (Full HD)	1920 × 1080 (Full HD)	1920 × 1080 (Full HD)	1920 × 1080 (Full HD)	1920 × 1080 (Full HD)
Power Consumption	≤ 19 W	≤ 23 W	≤ 29 W	≤ 35 W	≤ 45 W	≤ 70 W
Weight (kg)	4.6 kg	6.2 kg	6.6 kg	9.8 kg	14.3 kg	23.5 kg
Touch Technology	Projected Capacitive - Tempered Covered Glass					
Touch Points	40 points (Windows) / 20 points (Android) - driver-free					
Embedded OS	Andro 6.0 (1GB RAM + 8GB ROM) - 2.4G Wi-Fi					
Touch Resolution / Accuracy	32767 × 32767 - ±2.5mm (98% touch area)					
Contrast Ratio	5000:1					
Viewing Angle (H/V)	178° / 178°					
Input Interfaces	HDMI × 1, DVI × 1, VGA × 1, Audio in, Touch USB × 1					
Output Interface	Audio Out × 1					
Smart Features	Auto power on - Built-in digital signage - Auto time switch - Windows laptop plug & play support					
OS Compatibility	Win XP / 7 / 8 / 9 / 10 / 11 - Android - Mac - Chrome OS - Linux					
Mounting & Software	VESA / wall mount compatible - Windows whiteboard software (option) - fixed stand option					
Operating Conditions	Temp: 5°C ~ 60°C - Humidity: 10% ~ 90% (non-condensing)					
Aspect Ratio	16 : 9					

B: SYSTEMIC SPECIFICATION

TX-TS-P-CAP-55

TX-TS-P-CAP-86

«86 «55



System-Integrated Model
55 inch



System-Integrated Model
86 inch

Key Features

- ✓ 4K UHD
- ✓ Full-flat Multi-touch screen
- ✓ Anti-virus, Anti-splashing and Anti scratching

FEATURE	TX-TS-P-CAP-55 55»	TX-TS-P-CAP-86 86»
Panel Size	55» (diagonal)	86» (diagonal)
Dimensions (W×H×D)	1233.4 × 704.7 × 46.2 mm	—
Display Area (W×H)	1213.6 × 682.9 mm	—
Weight	16 kg	—
Appearance	Black	—
Monitor Type	LED	LED
Aspect Ratio	16:9	16:9
Resolution	3840*2160 (4K) UHD	3840*2160 (4K) UHD
Color Depth	10-bit	—
Brightness (typ.)	300 cd/m²	—
Refresh Rate	60 Hz	60 Hz
Contrast Ratio	1000:1	—
Viewing Angle (H/V)	178° / 178°	178° / 178°
Operating System	Android 13	Android 14
System Memory (RAM)	4 GB DDR3	8 GB
Internal Storage	32 GB eMMC	128 GB
CPU	Quad-core ARM Cortex-A55 + Mali-G52 MP2 @ 1.9GHz	8-core
WiFi	2.4GHz / 5GHz (Wi-Fi 6)	Wi-Fi 6

FEATURE	TX-TS-P-CAP-55 55»	TX-TS-P-CAP-86 86»
Speaker (max)	2 × 10W (8Ω)	—
Connectivity	HDMI×1, USB2.0×1, USB3.0×1, RS232×1, RJ45×1, Audio Out	—
Power Consumption	≤ 130W	—
Input Voltage	100-240V, 50/60Hz	—
Work Environment	0°C ~ 40°C / 10% ~ 80%	—
Storage Environment	-20°C ~ 40°C / 5% ~ 95%	—

3



Advanced Technology Touch Screen

1: All-in-One LED Display

**135" Foldable and
Height-adjustable**



TX-LED-F-135

I. Key Features

- ✓ Support 2K High Definition, Android 9.0 System
- ✓ Wireless Projection, Video Conferencing Supported
- ✓ Built-in Electric Lift and Mobile Stand, Adjustable Height
- ✓ Foldable Screen with Portable Case
- ✓ No Assembly Required, Instant Setup
- ✓ Portable Aviation Case for Safer Transport

Available sizes: 135"



Delivering an ultimate visual experience in large size.

Fast installation and mobility, ready to use instantly.



Easy Install
& Maintenance



2K HD
Visual Feast



Wide Viewing
Angle

135-Inch Foldable and Height-Adjustable All-in-One LED Display

✦ Supports 2K High Definition, Android 9.0 System

2K visual feast, Powerful performance on a foldable LED display. Easy control (Android 9.0, Quad-Core CPU, 4GB RAM + 64 ROM).

✦ Wireless Projection, Video Conferencing Supported

Project anything, anywhere. Seamless connection to multimedia devices and video conferencing for effortless presentations and meetings.

✦ Built-In Electric Lift and Mobile Stand, Adjustable Height

65cm electric lift with remote/button control. Store 3 presets for customized comfort in any workspace.

✦ Foldable Screen with Portable Case

Foldable design and slim carrying case reduce packaging by 50%. Go everywhere with your entertainment, effortlessly.

✦ No Assembly Required, Instant Setup.

All-in-one wonder. LED modules, controls, case, and stand - come together for a stunning 135-inch display. Set up in minutes.

✦ Portable Aviation Case for Safer Transport

Travel worry-free. Our robust aviation case shields your stunning LED display, ensuring seamless transport across any location.

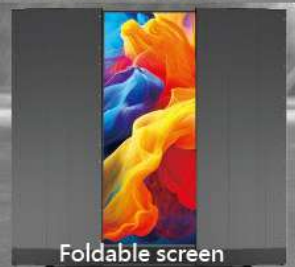


Front-facing buttons and signal inputs

Electric lift buttons



Built-in motorized stand



Foldable screen

No need to worry about complicated setups.
Just power on the display and start using it



FEATURE	DESCRIPTION
Product Type	Raising & Folding LED Display — Ultra Fine Pitch, All in One Smart Screen
LED Type	LEDPI30 (SMD Black Kinglight)
Model (LED)	SMD1212
Pixel Pitch	1.5625 mm
Pixel Density	409,600 dots/m ²
Module Size	300 mm (W) × 168.75 mm (H)
Pixel Composition	10 x 10 Grid per module
Screen Resolution	1920 × 1080 (Full HD)
Display Dimensions (Active Area)	3000 mm × 1688 mm
External Dimensions (Folded with Base)	1804 mm × 1948 mm × 770 mm
External Dimensions (Unfolded & Lifted)	3010 mm × 2598 mm × 770 mm
Operating System	Android 9.0 (Industrial Grade)
Operating Memory (RAM)	4 GB
Storage Memory	64 GB eMMC
Refresh Rate	3840 Hz — Ultra-smooth, flicker-free
Gray Scale	14 Bit (High dynamic gradation)
Brightness	100 – 600 cd/m ² (adjustable)
Contrast Ratio	6000 : 1
Color Gamut	≥ 110% NTSC (Wide color performance)
Built-in Audio	2 x 20W High fidelity speakers
Service Life	100,000 hours (MTBF)
Viewing Angle (H/V)	160° / 160° (wide uniformity)
Input Voltage	AC 100—240 V, 50/60 Hz (universal)
Average Power Consumption	840 W / unit
Maximum Power Consumption	2900 W / unit
Operating Temperature	-10°C — 40°C / 10% — 90% RH (non-condensing)
Storage Temperature	-10°C — 60°C / 10% — 80% RH
Screen Net Weight	125 kg
Mobile Base Weight	130 kg (heavy-duty castors, foldable mechanism)
Aviation Case Weight	160 kg (flight-case for transport & protection)

2: Transparent Touch Screen

1: OLED 55" TTS TV



2: OLED 55" TTS KIOSK

TX-TP-TS

I. Key Features

- ✓ Capacitive Touch, Support 20 Touch Points
- ✓ Built-in Android 3, 8.0G RAM + 16G ROM
- ✓ Built-in Speaker 10W*2
- ✓ OS Compatibility (Android, Windows)
- ✓ Support Multiple Languages

Available sizes: 55"

OLED 55" TTS TV



38% Transparent
OLED Touch Screen



1.07 billion
colour display



AR anti-reflective
treatment



Supports Windows
system



Integrated Android
system



Up to 20 touch
points



OLED 55" TTS KIOSK

FEATURE	TXTS55	TXTS55-KIOSK
Model Name	TXTS55	TXTS55-KIOSK
Physical Dimension	1248(W) x 789(H) x 301(D) mm	80(W) x 1800(H) x 506(D) mm
Display Area	678 x 1210 mm	1211 x 680 mm
Net Weight	60 KG	60 KG
Display Type	OLED	OLED
Display Scale	16 : 9	9 : 16
Resolution	1920 x 1080	1080 x 1920

✓ Display Type:

Both models feature OLED technology, delivering rich colors and high contrast.

✓ Touch Features:

Both support -20point capacitive touch (plug & play) with an accuracy of 2.5± mm over %95 of the active touch area, and can be operated by hand or a capacitive stylus.

✓ Android System & Core Hardware:

Both run on Android 8.0 with a dual-core ARM Cortex-A73 + dual-core ARM Cortex-A53 CPU, 3 GB RAM, and 16 GB internal storage.

✓ Brightness & Contrast:

Both deliver 400 cd/m² brightness and a 150,000:1 contrast ratio, ensuring clear visibility in bright environments and deep blacks.

✓ Connectivity & I/O Ports:

Both share the same set of input ports: RJ45, HDMI, USB 3.0, USB 2.0, POWER, TF card slot, plus an AUDIO OUT port. They also support both wired and wireless internet connectivity.

3: Flexible Table

Magic Table



I. Key Features

- ✓ Suitable for panels larger than 32 inches
- ✓ 6 different models of angle
- ✓ Allows panels to be placed horizontally and vertically
- ✓ widely applicable: such as gaming table or rotating wall mount

Can combine with 32" 43" 55" 65" 75" panels.

4



Interactive Whiteboard and Blackboard

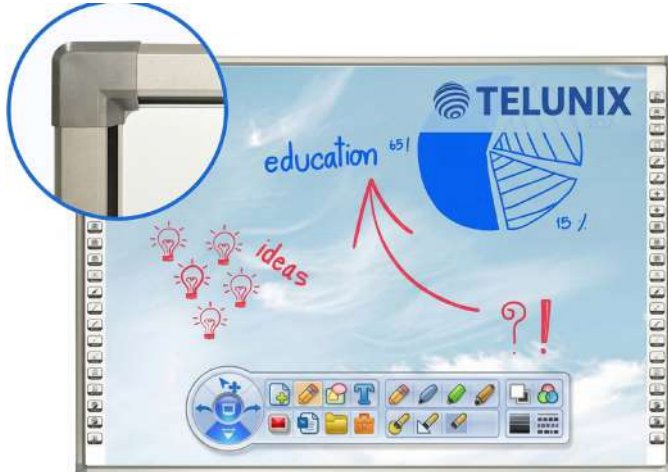
1: Interactive WhiteBoard T Series

TX-IW-T

Dimensions

80" 82" 89" 90" 102" 142"

I. Key Features



1. Streamlined Alloy Frame & Unique Design

- ✓ Sleek, brushed narrow-edge frame for a modern, clean outline.
- ✓ Special material board delivers soft projected colors, wide viewing angles, and no bright spots.

2. 9.2th Generation Infrared Hardware Technology

- ✓ Ultra-narrow infrared PCB board with a width of only 1.18 cm.
- ✓ Optimized amplification circuit built with high-grade components for superior reliability and stability.



3. Side Shortcut Buttons & Dedicated Teaching Software

- ✓ Multiple shortcut buttons on both sides of the screen for quick access to writing, erasing, tagging, and lesson preparation.
- ✓ Proprietary teaching software developed by telunix, creating an efficient and interactive learning environment.



4. Multi-Point Touch & Gesture Recognition

- ✓ High-speed infrared touch technology (self-developed by telunix) for powerful multi-point interaction.
- ✓ Gesture recognition patent enables teachers to enrich multimedia teaching methods and expand instructional possibilities.

MODEL	MODEL CODE	ACTIVE SIZE (L*W) MM	OUTSIDE SIZE (L*W) MM
80inch (4:3)	TX-IW-T-80	1636 × 1219	1701 × 1283
82inch (4:3)	TX-IW-T-82	1636 × 1126	1701 × 1190
89inch (4:3)	TX-IW-T-89	1742 × 1302	1807 × 1336
90inch (16:10)	TX-IW-T-90	1946 × 1219	2011 × 1283
102inch (16:10)	TX-IW-T-102	2117 × 1219	2182 × 1283
142inch (16:6)	TX-IW-T-142	3335 × 1174	3400 × 1239



Multi Touch

Multi-touch support, write with finger or any opaque object.



Finger Gesture Recognition

Zoom in, zoom out, or erase with simple finger gestures — intuitive and fast.



Powerful Teaching Software

Dozens of interactive tools, seamless lesson delivery and engagement.



Environment-Friendly

No chalk dust, safe and healthy for teachers and students.



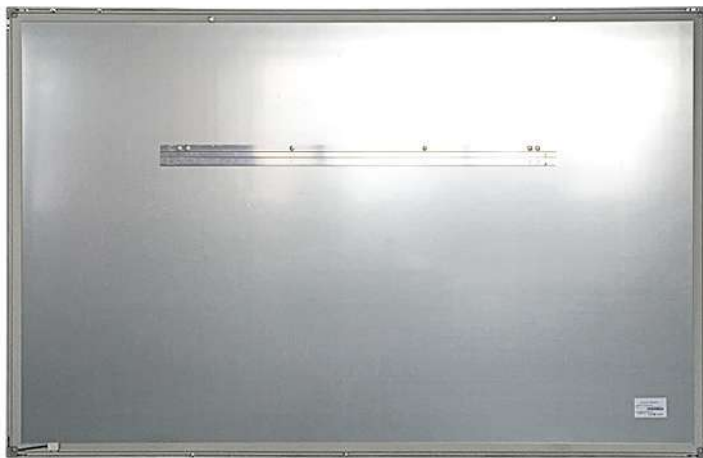
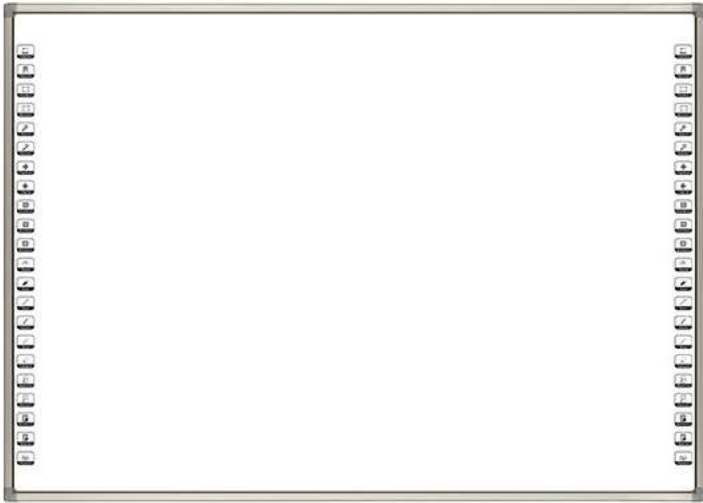
Nano Surface

Strong, anti-damage, anti-glare surface for long-lasting clarity.



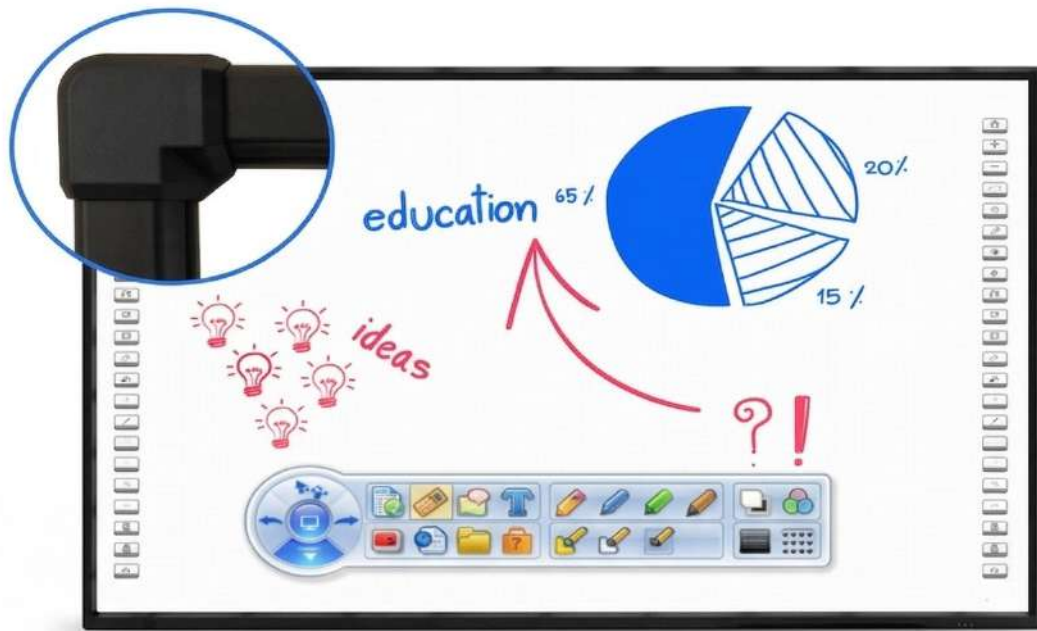
Modular Design

Easy maintenance — problematic PCB boards can be pulled out and swapped quickly.



2: TX97-Q Infrared Interactive Whiteboard for Education

TX-IF-IW-EDU



ACCESSORIES KIT



I. Key Features

- ✓ Infrared Technology: Uses IR sensing for precise touch detection
- ✓ Interactive Touch: Supports finger, stylus, or any opaque object for writing and navigation
- ✓ Multi-Touch Capability: Allows multiple users to write or interact simultaneously
- ✓ Multi-Language Software: Compatible with a wide range of languages (English, Arabic, French, etc.)
- ✓ Educational Use: Designed specifically for classroom and teaching environments

FEATURE	DESCRIPTION
Touch Technology	Infrared (IR) optical sensing with high-precision frame scan; zero pressure, drift-free, and durable.
Multi-Touch Points	Supports up to 20 simultaneous touch points for multi-user collaboration in classrooms and training.
Touch Activation	Finger, passive stylus, glove, or any opaque object. No special pen or battery required.
Response Speed & Resolution	Ultra-fast response ($\leq 8\text{ms}$) with touch resolution of 32768×32768 ; smooth writing and instant gestures.
Screen Size / Active Area	97" diagonal (IB97-Q model) – 10:16 aspect ratio. Expansive interactive surface for large classrooms.
Surface Durability	Scratch-resistant, anti-glare coated surface; easy to clean and optimized for projection clarity.
Connectivity & Plug-and-Play	USB 2.0 (HID compliant) – no external driver required. Compatible with Windows, macOS, Linux, Chrome OS.
Software & Language Support	Bundled interactive teaching software; supports +20 languages including English, Arabic, French, Spanish, German, Russian, Turkish, Dutch, Portuguese, Romanian, Indonesian, Malay, Japanese, Korean, Thai, Vietnamese, Polish, and more.
Third-Party Integration	Works with Zoom, Google Meet, Microsoft Teams, and popular educational apps (OneNote, Whiteboard) via standard mouse emulation and touch gestures.
Mounting System	Heavy-duty wall-mount bracket included; adjustable leveling for secure installation. VESA compatible pattern.
Certifications & Warranty	CE, FCC, RoHS certified. Backed by 3-year limited warranty and global technical support Telunix.
Operating Environment	Temperature: $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$; humidity: 10% ~ 95% non-condensing. Designed for consistent educational use.
Gesture & Annotation Tools	One-finger draw, two-finger zoom/rotate, palm rejection, and floating toolbar for pens, shapes, and erasers.
OS & Device Compatibility	Works with Windows (7/8/10/11), macOS, Linux, and Android via standard USB HID. No proprietary drivers required.

3: TX-Z Series Multimedia All-in-One Interactive Whiteboard

TX-MM-IW-Z



Dual System

Android + Windows dual OS, independent management, elegant UI & smooth PC integration.



Multi-Touch

Infrared sensing, multi-person writing, fingers/objects support & gesture recognition.



Wireless ScreenShare

Built-in sharing system, multi-screen interactivity for classrooms & boardrooms.



Annotation

Android annotation software works on both OS: highlight, mark documents & videos.



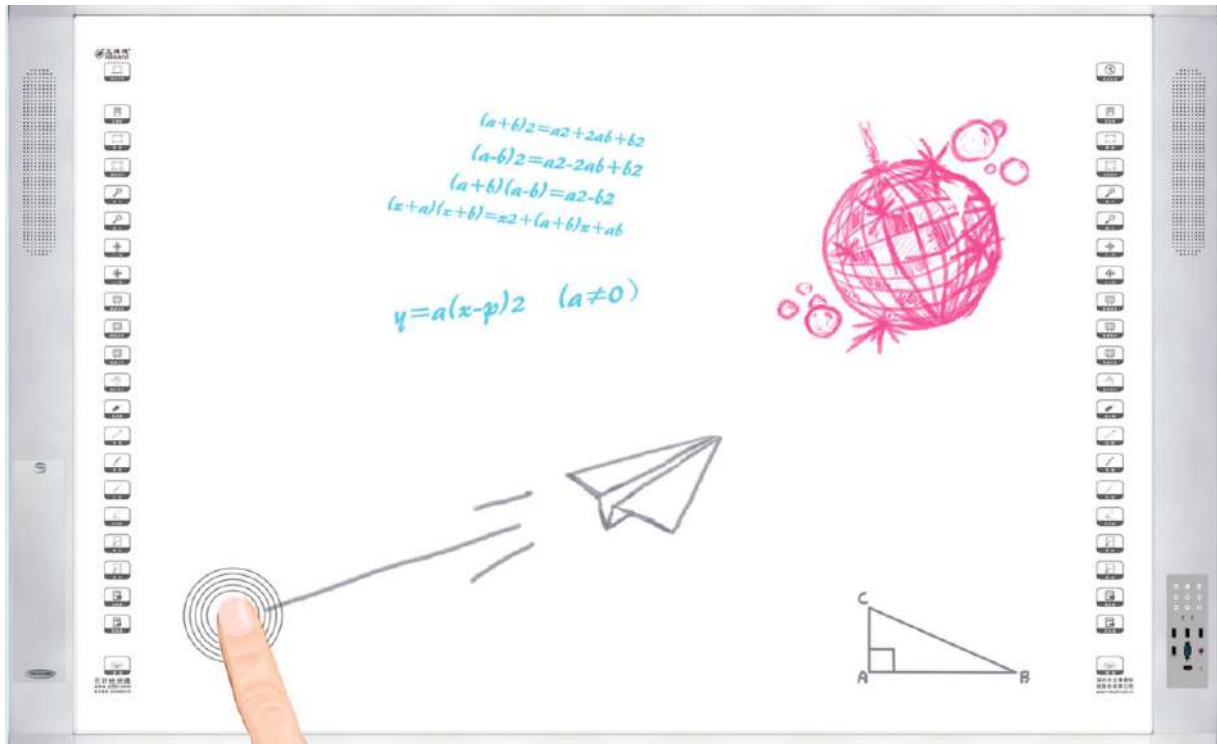
All-in-One Design

6-in-1: projector, board, computer, TV, kiosk & audio — ideal for schools & business.

FEATURE	98 INCH	107 INCH
Model Code	TX-MM-IW-Z-98	TX-MM-IW-Z-107
Nominal Screen Size	98" (16:9)	107" (16:9)
Surface Material	Cold rolled steel + nano coating, anti-damage	Cold rolled steel + nano coating, anti-damage
Wick Material	High density polyfoam	High density polyfoam
Back Material	Galvanized Steel Sheet	Galvanized Steel Sheet
Total Area Size (W×H)	2179 × 1229 mm	2368 × 1336 mm
Projection Size (W×H)	2038 × 1146 mm	2227 × 1253 mm
Total Area Diagonal	98.5"	107"
Projection / Inner Diagonal	92" (Projection diagonal)	100.6" (Inner diagonal)
Aspect Ratio	16:9	16:9
Surface Protection	Anti-damage nano surface, scratch-resistant	Anti-damage nano surface, scratch-resistant
Frame & Backing	Galvanized steel back + robust frame	Galvanized steel back + robust frame

4: ZK-TX Series Multimedia All-in-One Interactive Whiteboard

TX-MM-IW-ZK



key features:

- ✓ All-in-One Integration – Combines 8 devices into one: interactive whiteboard, projector, amplifier, speakers, computer, visualizer, central control panel, and microphone.
- ✓ No Complex Wiring – No need for an electronic podium or messy cables; saves space and makes the classroom brighter and tidier.
- ✓ High Interactivity – Enhances teacher-student interaction and human-computer interaction, making lessons more engaging and fun.
- ✓ Dual System Support – Works with both Android and Windows; each system can be operated independently.
- ✓ Reliable & Durable – Uses infrared multi-touch technology, smooth writing, dustproof, scratch-resistant, eco-friendly panel, and long product life.
- ✓ Wireless Screen Sharing – Built-in screen sharing allows teachers and students to easily present courseware or homework on the board.
- ✓ Annotation Tools – Built-in Android annotation software lets you mark up documents or videos on both Android and Windows systems.
- ✓ Practical for Teaching – No chalk needed; supports gesture recognition and useful teaching tools; optional visualizer and OPS make lessons easier and more efficient.

Multimedia All-in-One Interactive Whiteboard

Make interactive education easier · Smart classroom solution

⚡ Integrates 8+ devices · No messy wiring · Seamless interaction



**Interactive
Whiteboard**



Visualizer



Built-in Computer

Optional OPS



Dual System

Android + Windows



Speakers



Microphone

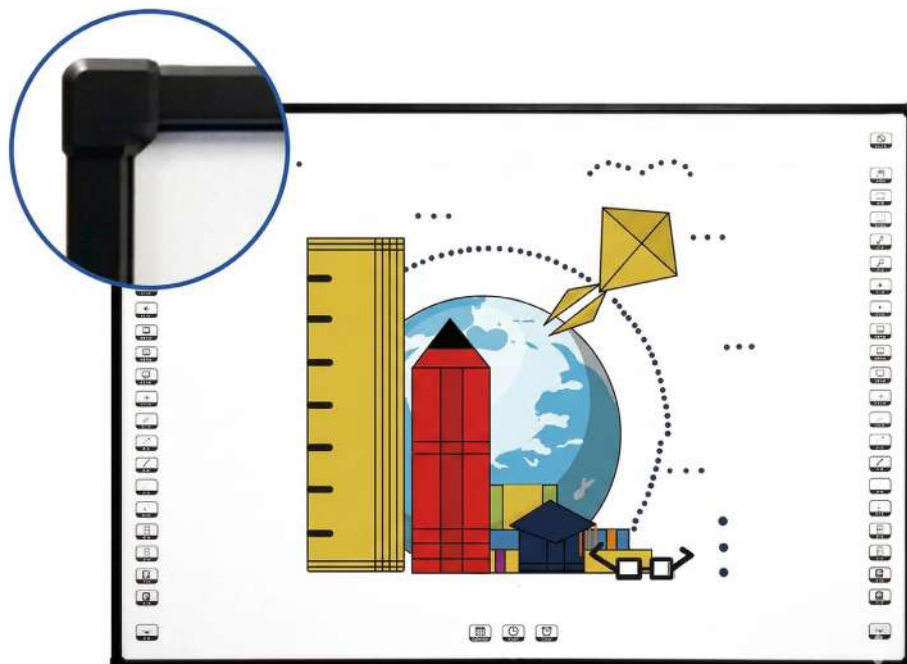


All-in-One Design

8-in-1 Integration

5: TX-Q series

TX-QS-B



key features:

- ✓ Ultra-narrow frame – Widest section only 2.04 cm; extremely slim, modern design.
- ✓ Modular touch sensor – Easy and efficient maintenance.
- ✓ Sawtooth arc corners – Rounded for student safety.
- ✓ 9th generation infrared hardware – Latest infrared technology for reliable performance.
- ✓ Ultra-narrow infrared PCB – Board width just 1.18 cm; widely applicable.
- ✓ Optimized amplifier circuit – Built-in high-duty components for stronger reliability.
- ✓ Shortcut buttons on both sides – Quick access to writing, erasing, tagging, lesson preparation, etc.
- ✓ Telunix proprietary teaching software – Enhances learning efficiency.
- ✓ Multi-touch & gesture recognition – Patented high-speed infrared touch for powerful multi-point interaction.
- ✓ Enriches multimedia teaching – Expands teaching methods and scope.

Telunix Ultra-Narrow Series

9th Gen Infrared | Slimmest frame | Smart classroom solution



Ultra-Narrow Frame

Widest section only
2.04cm · sleek modern
design



Modular Touch Sensor

Easy maintenance · high
efficiency



Sawtooth Arc Corners

Rounded edges · ensures
student safety



9th Gen Infrared

Latest hardware · PCB
width 1.18cm · high
reliability



Shortcut Buttons

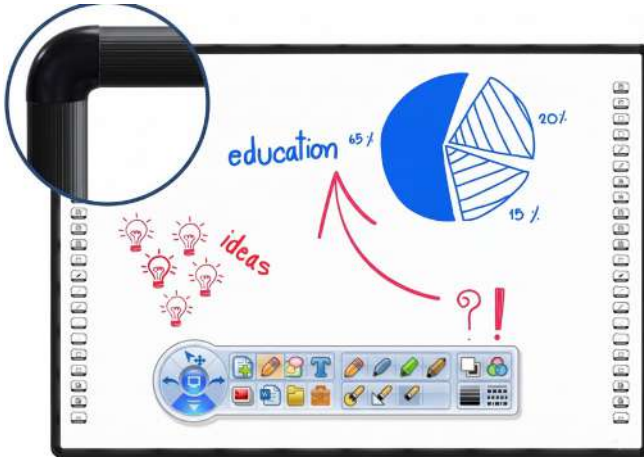
Both sides · writing,
erasing, tagging, lesson
prep



Multi-Touch & Gesture

Patented infrared · Teleunix
software · rich interaction

I. Key Features



1. Streamlined Alloy Frame & Unique Design

- ✓ Sleek, brushed narrow-edge frame for a modern, clean outline.
- ✓ Special material board delivers soft projected colors, wide viewing angles, and no bright spots.

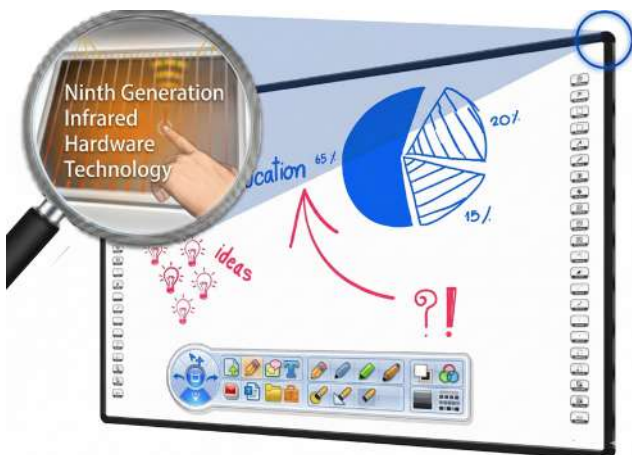
2. 9.2th Generation Infrared Hardware Technology

- ✓ Ultra-narrow infrared PCB board with a width of only 1.18 cm.
- ✓ Optimized amplification circuit built with high-grade components for superior reliability and stability.



3. Side Shortcut Buttons & Dedicated Teaching Software

- ✓ Multiple shortcut buttons on both sides of the screen for quick access to writing, erasing, tagging, and lesson preparation.
- ✓ Proprietary teaching software developed by telunix, creating an efficient and interactive learning environment.

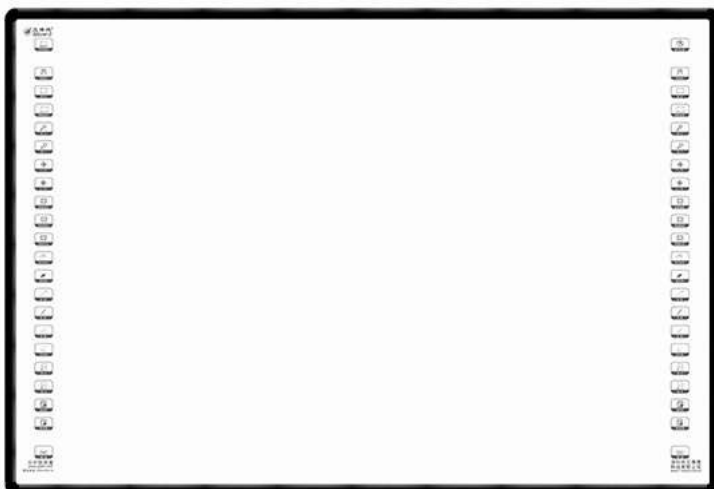




4. Multi-Point Touch & Gesture Recognition

- ✓ High-speed infrared touch technology (self-developed by telunix) for powerful multi-point interaction.
- ✓ Gesture recognition patent enables teachers to enrich multimedia teaching methods and expand instructional possibilities.

SCREEN SIZE	MODEL CODE	ACTIVE SIZE (L×W) MM	OUTSIDE SIZE (L×W) MM
50inch (4:3)	TX-RS-B-50	988 × 662 mm	1048 × 722 mm
78inch (4:3)	TX-RS-B-78	1580 × 1126 mm	1650 × 1195 mm
82inch (4:3)	TX-RS-B-82	1636 × 1126 mm	1705 × 1195 mm
85inch (4:3)	TX-RS-B-85	1729 × 1227 mm	1797 × 1295 mm
88inch (16:10)	TX-RS-B-88	1885 × 1126 mm	1950 × 1190 mm
89inch (4:3)	TX-RS-B-89	1790 × 1220 mm	1858 × 1288 mm
102inch (16:10)	TX-RS-B-102	2117 × 1220 mm	2186 × 1288 mm



7: TX-PM series

TX-PM-B

I. Key Features

82" 85" 88" 90" 96" 100"

102" 104" 108" 120"



1. Premium Frame & Display Quality

- ✓ Baked lacquer frame with strict oxidation treatment for an elegant border
- ✓ Special material board delivers soft projected colors, wide viewing angle, and no bright spots

2. Advanced 9th Gen Infrared Hardware

- ✓ Ultra-narrow design with infrared PCB board width of only 1.18 cm
- ✓ Optimized amplification circuit and built-in components for enhanced reliability

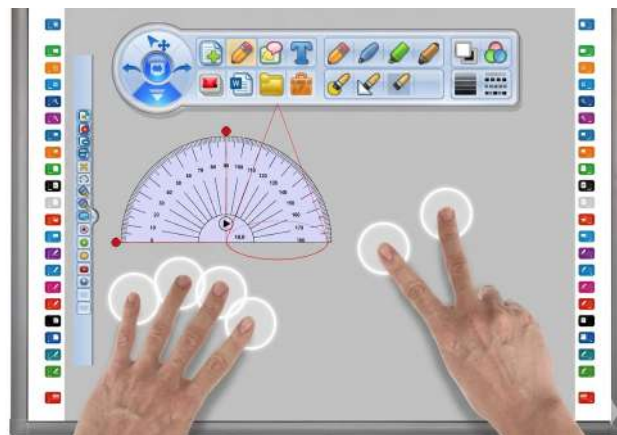


3. Side Shortcut Buttons & Software

- ✓ Multiple shortcut buttons on both sides for writing, erasing, tagging, and class preparation
- ✓ Telunix self-developed teaching software creates an efficient learning environment

4. Multi-Point Touch & Gesture Recognition

- ✓ Self-developed high-speed infrared touch technology with powerful multi-point interaction.
- ✓ Gesture recognition patent enables rich multimedia teaching and expands teaching methods.



SCREEN SIZE	MODEL CODE	ACTIVE SIZE (L×W) MM	OUTSIDE SIZE (L×W) MM
82inch (4:3)	TX-PM-B-82	1638 × 1145	1755 × 1262
85inch (16:9)	TX-PM-B-85	1801 × 982	1918 × 1099
88inch (16:10)	TX-PM-B-88	1932 × 1145	2049 × 1262
90inch (4:3)	TX-PM-B-90	1717 × 1227	1834 × 1344
96inch (4:3)	TX-PM-B-96	1801 × 1312	1918 × 1429
96inch (16:10)	TX-PM-B-96	1965 × 1145	2081 × 1262
100inch (4:3)	TX-PM-B-100	1965 × 1312	2081 × 1429
102inch (16:9)	TX-PM-B-102	2120 × 1115	2237 × 1232
104inch (16:9)	TX-PM-B-104	2128 × 1145	2245 × 1262
108inch (16:9)	TX-PM-B-108	2327 × 1312	2444 × 1429
120inch (16:9)	TX-PM-B-120	2615 × 1455	2732 × 1572

FEATURE	DESCRIPTION
Touch & Gesture	10 multi-touch points, gesture recognition patent. 32768×32768 resolution, <2mm accuracy, response <6ms. Palm rejection, fluid writing.
Optics & Build	Baked lacquer frame + strict oxidation. 170°H / 160°V viewing angle, no bright spots, soft colors. Ultra-narrow IR PCB (1.18cm), immune to AD/magnetic noise.
Interactive Tray	4-color markers + eraser tray. Simultaneous multi-color use, self-diagnosis of infrared field, LED indicator. Plug & Play USB 2.0/3.0 or wireless module.
Telunix Software	Full teaching tools: scaling, rotation, geometric optimization, hyperlinks, transparency, snapshot, spotlight/curtain/magnifier. Export to PDF/HTML/JPEG.
Virtual Instruments & OS	Compass, ruler, protractor, on-screen keyboard. Multi-video annotation, Office export. OS: Windows, Linux, macOS, Android.
Durability & Warranty	89" diagonal, 4:3 ratio, 28kg. Wall/mobile stand mount. Operation -10°C~45°C. 3-year warranty, industrial-grade reliability.



Streamlined Alloy Frame

Ultra-narrow baked lacquer frame, strict oxidation treatment, elegant border.



Soft Projection & Wide Angle

Special board: soft colors, 170°H/160°V, no bright spots, excellent clarity.



Multi-Touch & Gesture Patent

10 touch points, <2mm accuracy, <6ms response, gesture recognition.



Interactive Tray

4 color markers + eraser, multi-color simultaneous use, self-diagnosis, LED.



9th Gen Infrared Hardware

Ultra-narrow IR PCB (1.18cm), optimized amplification, high reliability.



Shortcut Buttons Both Sides

Quick access: writing, erasing, tagging, class prep — intuitive teaching.



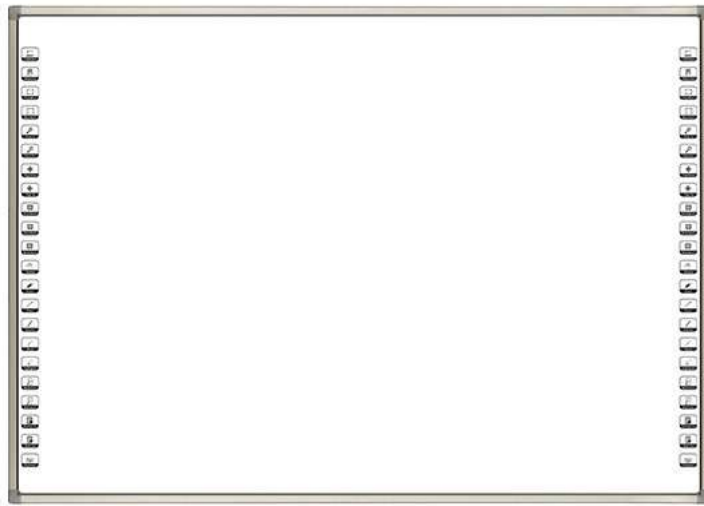
Telunix Teaching Software

Object manipulation, geometry optimization, snapshots, PDF/HTML export.



Multi-OS & 3-Year Warranty

Windows, Linux, macOS, Android. USB/wireless, 3-year warranty.



9: Telunix Black & Whiteboard

TX-WB/BB

I. Key Features

- ✓ All-in-one Smart classroom solution
- ✓ All flat surface, embedded grid line
- ✓ Customizable blackboard & whiteboard size
- ✓ Exclusive patent technology for blackboards
- ✓ Equipped with sliding wheels and brakes for better opening/closing

75" + 4Blocks of Blackboard

75" + 4Blocks of Whiteboard

86" + 2Blocks of Blackboard

86" + 2Blocks of Whiteboard



Touch Screen Compatibility

Seamless integration with interactive smart screens, ideal for dynamic E-Classrooms.



Smooth Operation

Sliding wheels & brakes for effortless opening/closing and secure positioning.



Certified Quality & Safety

Successfully passed CNS12035, hardness & non-toxic material tests.



Seamless & Durable Design

Completely flat surfaces for uninterrupted writing, built for daily heavy use.



Practical Writing Surface

Embedded grid lines for organized writing, sliding panels conceal or reveal smart screen.



Patented Product

Officially holds a patent certificate — innovative blackboard design protected.



Blackboard **opened**

Blackboard **closed**



75-inch + 4 blocks of Blackboard

86-inch + 2 blocks of Blackboard



Whiteboard **opened**

Whiteboard **closed**



75-inch + 4 blocks of whiteboard

86-inch + 2 blocks of whiteboard



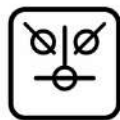
I. Key Features

- ✓ Nano touch technology – smooth and accurate writing like a traditional blackboard.
- ✓ 4K ultra HD display – clear and bright images for easy viewing.
- ✓ Anti-glare surface – reduces eye strain, even in bright classrooms.
- ✓ Multi-touch support – several students can write or draw at the same time.
- ✓ Dust-free and maintenance-free – no chalk or regular cleaning needed.
- ✓ Built-in interactive software – allows saving, sharing, and editing notes.
- ✓ Strong and durable – scratch-resistant glass for long-term use.
- ✓ Easy to switch between blackboard and screen modes – combines traditional and digital teaching.



Multi-Surface

Write with chalk, water pen, or stylus. Erase cleanly. Smart card activation.



10-Point Touch

Advanced nano-silver capacitive touch. Full lamination, 178° viewing angle.



4K UHD + Dual OS

True 4K resolution. Android & Windows backup. Plug-in OPS, fast maintenance.



4mm Tempered Glass

Explosion-proof, scratch-resistant, anti-radiation. Built for daily classroom use.

SPECIFICATION	DETAILS / VALUE
Writing Surface	Nano-coated, multi-surface: chalk, liquid chalk, stylus, finger
Touch Technology	10-point capacitive touch, nano-silver grid, < 8ms response
Display Resolution	4K Ultra HD (3840 x 2160), 60Hz, 400 cd/m ² brightness
Viewing Angle	178° (H/V) with full lamination, anti-glare coating
Glass Protection	4mm tempered glass, Mohs 7 hardness, explosion-proof, anti-scratch
Eye Comfort	TÜV-certified blue light filter, flicker-free, anti-glare
Operating System	Android 13 + optional Windows OPS (pluggable, dual system)
Processor & Memory	Quad-core A73+A53 , 4GB RAM, 32GB ROM (Android), OPS slot
Connectivity	5G Wi-Fi 6, Bluetooth 5.2, LAN (RJ45), Type-C (full function)
Ports & Interfaces	HDMI 2.1 in/out, USB 3.0×3, USB 2.0×2, RS232, Audio, MIC, SPDIF
Smart Gestures	Five-finger wake/sleep, palm erase, two-finger scroll, annotation
Built-in Audio	2×15W front-firing speakers, Dolby Audio, noise suppression mic
Annotation & Whiteboard	Instant annotation overlay on any input; save/share screenshots
Wireless Casting	AirPlay, Miracast, Chromecast built-in, up to 9-device grid



Annotation Everywhere

Annotate in any channel. Android & Windows dual backup, reliable teaching.



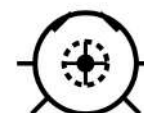
Water & Dust Resistant

Sealed front surface. Splash-proof and dust-proof for long-term durability.



Modular & Serviceable

Pluggable OPS, easy front access. Quick maintenance, minimal downtime.



Eye Protection

Anti-glare coating, filters harmful blue light. 4mm tempered glass, explosion-proof.

SPECIFICATION	DETAILS / VALUE
Durability	IP54 front (dust/water resistant), 50,000h backlight life
Maintenance	Front-accessible modular design, pluggable OPS, easy service



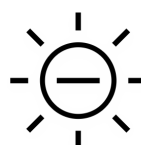
Five-Finger Wake

Turn on/off backlight instantly with five-finger gesture. Intuitive control.



Rich Multimedia

Videos, music, PPT, interactive teaching. Easy-to-use interface, low learning curve.



Sunlight Readable

Anti-glare surface reduces reflection. Works perfectly even under direct sunlight.



5G Wi-Fi & I/O

Dual band Wi-Fi, multiple USB (3.0/2.0), Type-C, HDMI, RS232, audio.

11: 86 inch Nano Blackboard

TX-86N-BB



I. Key Features

- ✓ Combines a 4K touchscreen display with a traditional chalkboard in one device.
- ✓ Supports both chalk writing and -10point multi-touch interaction.
- ✓ Features a durable projected capacitive touch surface with fast 5ms response.
- ✓ Includes multiple connectivity ports (HDMI, USB, VGA, RJ45) and built-in speakers.
- ✓ Allows five-finger gesture to quickly turn the backlight on/off.
- ✓ Optional magnetic function on both sides for attaching teaching materials.



All-in-one

capacitive touch + LCD + PC + blackboard



Multi-touch

10 points · simultaneous writing



4K Ultra HD

3840×2160 · 400cd/m² brightness



Dust-free writing

chalk, liquid pen, dry-erase



Nano Touch

5ms response · metal mesh 12μm



5-finger control

instant backlight off · power saving

FEATURE	DESCRIPTION
Integrated Intelligence	Combines projected capacitive touch, 4K LCD display, built-in computer host, multimedia video booth, and traditional handwriting blackboard.
Display Size & Resolution	86-inch display with 3840x2160 (4K) physical resolution, 16:9 aspect ratio, and 1400:1 contrast ratio.
Brightness & Viewing Angle	400cd/ ±50 brightness, 178° ultra-wide viewing angle for clear visibility from any seat.
Touch Technology	Projected capacitive touch using 12-micron metal mesh material. Fast 5ms response time and 10 touch points.
Touch Accuracy & Control	32768×32768 touch resolution. Supports infrared remote control, physical buttons, OSD touch menu, and five-finger recognition to turn off backlight instantly.
Chalk & Marker Writing	Surface supports traditional chalk, liquid chalk pens, water-based markers – dust-free and seamless integration with digital interactive board.
Audio System	Built-in 2×15W speakers. Supports 2.4G wireless microphone for voice reinforcement and local audio recording.
Connectivity & Ports	VGA input ×1, HDMI input ×3, USB input ×1, Android USB ×1, RJ45 input ×1, RJ45 output ×1, RS232× 1, USB-TOUCH ×1.
Power Management	Front-panel power button, 100-240V/5A input, total power 150W-450W (MAX), standby power 0.5W. Supports one-button backlight off.
Dimensions & Weight	Total size: 4200mm × 1260mm × 70mm. Net weight: 132KG, gross weight: 154KG. Supports wall-mount or mobile stand installation.
Operating System	Runs on Android 6.0, optimized for interactive teaching and multimedia applications.
Optional Magnetic Function	Both sides of the blackboard can be equipped with magnetic adsorption function for attaching teaching materials.
Service Life & Durability	Designed for ≥100,000 hours of operation, ensuring long-term reliability in classroom environments.

12: 86 inch smart classroom nano blackboard

TX-86N-BB



I. Key Features

- ✓ Dual-function surface combining traditional writing boards with an interactive touchscreen.
- ✓ 20 point multi-touch technology enabling simultaneous interaction by multiple students.
- ✓ Anti-glare and anti-blue light display for effective eye protection during long lessons.
- ✓ Full-fit design with a °178 ultra-wide viewing angle for clear visibility from any seat.
- ✓ Dual operating system (Android + Windows) for flexible access to various educational software.
- ✓ Durable nano-tempered glass that is scratch-resistant, impact-resistant, and waterproof.
- ✓ Intelligent gesture recognition for easy switching between writing mode and screen control.
- ✓ Ultra-high 4K UHD (3840 x 2160) resolution delivering exceptionally sharp image quality.



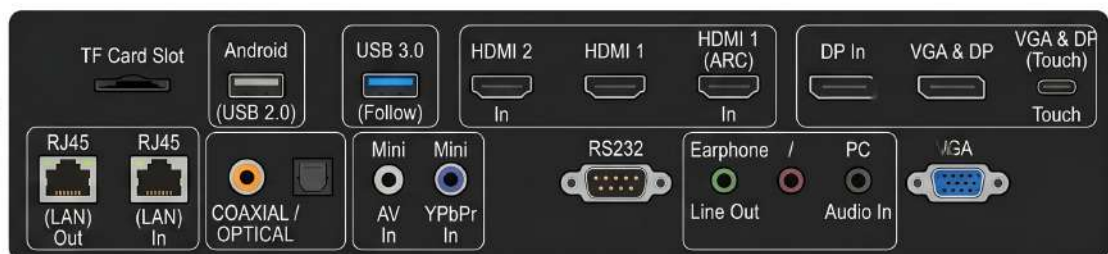
Front interface

Port Indicator



PortIndicator

Product & Port Diagram



Dual-Function Surface



20-Point Multi-Touch



Anti-Glare & Blue Light



178° Full-Fit Display



Dual OS (Android+Win)



Nano-Tempered Glass



Gesture Recognition



4K UHD Resolution

Seamless chalk + digital | Next-gen interactive classroom

FEATURE	DESCRIPTION
Multi-Writing & Durability	Supports ordinary chalk, dust-free chalk, and water-based pens for seamless writing. Nano-tempered glass provides waterproof, anti-riot, anti-scratch, and anti-strike protection, ensuring long-term classroom resilience.
Dual Operating System	Android 8.0 + optional OPS Windows module (Core i3/i5/i7). Enables any-channel writing, annotation, and full access to massive teaching software across both platforms without limitations.
Anti-Blue Light & Eye Comfort	AG anti-glare tempered glass effectively reduces and diffuses reflection and prevents glare. Integrated blue light filtering technology protects teachers' and students' eyes during extended use.
Full-Fit Anti-Glare Technology	Full-fit lamination of LCD screen and capacitive film delivers a 178° ultra-wide viewing angle, high light transmittance, and zero-gap design. Every student enjoys clear, reflection-free visibility from any seat.
Intelligent Gesture Control	One-key black screen, seamless switch between touch and writing, full-screen writing, and barrier-free annotation. Gesture recognition keeps lesson flow smooth and intuitive.
20-Point Multi-Touch Interaction	Advanced nano-intelligent capacitive touch technology supports up to 20 simultaneous touch points. Enables multiple students to interact, draw, and annotate together, fostering real-time collaboration.
4K Ultra-HD Resolution	86-inch LED panel with native 3840×2160 b(4K) resolution, 300 cd/m ² brightness, and 1400:1 contrast ratio. Delivers crystal-clear images, vivid colors, and exceptional detail for multimedia teaching.
Rich Multimedia & I/O Ports	Supports video, music, pictures, PPT, and all kinds of teaching software. Equipped with HDMI×3, USB×4, VGA, DP, RS232, Type-C, RJ45, and COAX. High-end OPS host ensures wireless internet and USB storage.



**Optimize Teaching Environment
to More Engaging and Dynamic**

Front Input



Chalk Rail



Front Button



NFC Sensor



Front Camera



I. Key Features

- ✓ Full-flat Blackboard with 86" Multi-touch Screen
- ✓ In-cell Capacitive Technology, Support 20 Touch Points
- ✓ AG Tempered Glass, Blue Light Filter & Anti-reflection
- ✓ Android 8, 14.0G RAM + 128G ROM, Wifi 2.4 6G & 5G
- ✓ OS Compatibility (Android, Windows, Mac OS, Linux, Chrome)



Android 14 & Dual-System

Powered by Android 14, supports OPS slot or cable dual-system. Seamless switching, high performance and flexibility.



9-Split Screen Mirroring

Up to 9-split wireless sharing, support touch back & remote view. Effortless collaboration for any classroom.



AI Teaching Assistant

AI translation, smart lesson planning & interaction review. Real-time language learning companion.



Digital Whiteboard

Magic Pen, Smart Create & creative tools. Boost engagement with dynamic visual lessons.



AI Remote Management

Centralized control for multiple devices, remote monitoring & AI-driven diagnostics. Seamless IT administration.

FEATURE	DESCRIPTION
Screen & Multi-touch	Full-flat 86" multi-touch screen with In-cell capacitive technology – supports up to 20 simultaneous touch points for fluid, lag-free collaboration and writing.
AG Tempered Glass	Anti-glare (AG) tempered glass with integrated blue light filter and anti-reflective coating. Reduces eye strain and maintains visibility under bright lighting or direct sunlight.
Android 14 & Hardware	Runs Android 14.0 with 8GB RAM + 128GB ROM, plus Wi-Fi 6 dual-band (2.4GHz & 5GHz). Fast multitasking, smooth app performance, and high-speed wireless connectivity.
Cross-Platform Compatibility	Works natively with Android, Windows, macOS, Linux, and ChromeOS – no driver issues. Ready for any device in classrooms, boardrooms, or hybrid workspaces.
Dual Writing Modes	Seamlessly combines a traditional blackboard with a projected capacitive (PCAP) touchscreen. Write with standard chalk or a conductive stylus while interacting with digital content at the same time.
Multimedia & Collaboration	Built-in digital whiteboard, wireless screen mirroring, DMS+ and Class Craft software (overseas markets). Transforms every lesson or meeting into an engaging interactive session.
Easy On-Site Installation	Simple 3-step wall-mount setup: attach the mounting base, install the touch screen, then secure the side panels. Ready to use in minutes without complex wiring.
Design & Specification Note	Design and specifications are subject to change without prior notice. Always refer to the latest official documentation for exact details and updates.

5



LED & LCD Display

A. LED Display



1. A Series Rear Maintenance

TX-AS-RM

FEATURE	DESCRIPTION
Type	Front maintenance
Brightness	100cd ~ 1200cd/m ²
Screen color temperature	2000K ~ 9500K
Application	Monitoring Center, training Center, radio and television studio, office, high-end conference room, exhibition center and etc.

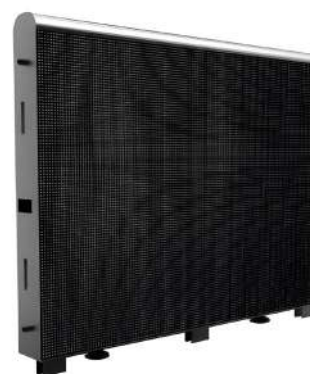




2. TELUNIX Stadium Screen

TX-SS-IP65

FEATURE	DESCRIPTION
Top Cover Design	Top cover design with robust protection and enhanced durability, ensuring long-term performance in outdoor environments.
New Structure Design	The new structure design meets the requirements of 3 kinds of installation such as fencing, pole-mount, and wall-mount, providing maximum flexibility for various deployment scenarios.
Adjustable Rear Stand	The rear stand with an adjustable angle allows the user to adjust the viewing angle of the display screen to achieve the best display effect under any lighting or placement condition.
Waterproof Protection	Waterproof with IP65 protection level, fully sealed against dust and low-pressure water jets, ideal for outdoor, industrial, and harsh-environment applications.



3. A Series High-end Front Maintenance

TX-AS-FM

FEATURE	DESCRIPTION
Type	Front maintenance
Brightness	100 cd ~ 1200 cd/m ²
Screen color temperature	2000K ~ 9500K
Application	Monitoring Center, Training Center, Radio and Television Studio, Office, High-end Conference Room, Exhibition Center, etc.





4. G Series Indoor Product

TX-CS-IP



FEATURE	DESCRIPTION
Type	Indoor Fixed Installation Product
Features	Brilliant colors, superior performance, reliable and stable performance, diverse display mode and etc.
Application	Commercial real estate, shopping mall, hotel ballrooms, TV studio, pubs, stage performance, theatre and etc.

FEATURE	TXI3G	TXI4G	TXI5G	TXI6G
Pixel pitch (mm)	3	4	5	6
Cabinet size (mm)	768×576×120	768×576×120	960×960×120	1152×1152×120
Cabinet resolution (px)	256×192	256×128	192×192	192×192
LED configuration	SMD2020	SMD2020	SMD3528	SMD3528
Brightness	800 cd/m ²	800 cd/m ²	1000 cd/m ²	1000 cd/m ²
Refresh rate	≥1200 Hz	≥1200 Hz	≥1200 Hz	≥1200 Hz
Average power	200 W/m ²	200 W/m ²	200 W/m ²	200 W/m ²
Maximum power	600 W/m ²	600 W/m ²	600 W/m ²	600 W/m ²
Screen color temperature	2000K~9500K	2000K~9500K	2000K~9500K	–
Viewing angle (H/V)	120° / 120°	120° / 120°	120° / 120°	120° / 120°
Drive mode	Constant current driving	Constant current driving	Constant current driving	Constant current driving
Operating voltage	AC: 240V~105V, 50~60Hz	AC: 240V~105V, 50~60Hz	AC: 240V~150V, 50~60Hz	AC: 240V~105V, 50~60Hz
Protection class	IP41	IP41	IP41	IP41
Operating temperature	-10°C ~ +50°C	-10°C ~ +50°C	-10°C ~ +50°C	-10°C ~ +50°C
Working humidity	10% ~ 90% RH	10% ~ 90% RH	10% ~ 90% RH	10% ~ 90% RH



Brilliant Colors

High saturation, resolution & refresh rate for vivid imagery



Superior Performance

Nonlinear calibration for sharper, clearer images



Reliable & Stable

Distributed scan & modular design for high reliability



Diverse Display Mode

Supports multiple display modes for flexible setups



Easy Operation

Compatible with universal video players for simplicity



5: R Series Indoor Rental Product

TX-RS-IRP

FEATURE	DESCRIPTION
Type	Indoor rental Product
Features	Ultra thin (thickest part < 8cm), lightweight (8.8KG/tile), die-casting aluminum structure, seamless splicing and etc.
Application	Commercial real estate, shopping mall, hotel ballrooms, TV studio, pubs, stage performance, theatre and etc.





FEATURE	TXI2R	TXI3R	TXI5R	TXI6R
Pixel pitch (mm)	2.9	3.9	5.2	6.25
Cabinet size (mm)	500×500×75	500×500×75	500×500×75	500×500×75
Cabinet resolution (px)	168×168	128×128	96×96	80×80
Cabinet weight (kg)	8.5	8.5	8.5	8.5
LED configuration	SMD1515	SMD2121	SMD3528	SMD3528
Brightness	1200 cd/m ²	1200 cd/m ²	1200 cd/m ²	1200 cd/m ²
Screen color temperature	2000K~9500K	2000K~9500K	2000K~9500K	2000K~9500K
Viewing angle (H/V)	140° / 140°	140° / 140°	140° / 140°	140° / 140°
Drive mode	Constant current driving	Constant current driving	Constant current driving	Constant current driving
Refresh rate	≥1200 Hz	≥1200 Hz	≥1200 Hz	≥1200 Hz
Operating voltage	AC: 105V~240V, 50~60Hz	AC: 105V~240V, 50~60Hz	AC: 105V~240V, 50~60Hz	AC: 105V~240V, 50~60Hz
Average power	200 W/m ²	200 W/m ²	200 W/m ²	200 W/m ²
Maximum power	600 W/m ²	600 W/m ²	600 W/m ²	600 W/m ²
Protection class	IP41	IP41	IP41	IP41
Operating temperature	-10°C ~ +50°C	-10°C ~ +50°C	-10°C ~ +50°C	-10°C ~ +50°C
Working humidity	10% ~ 90% RH	10% ~ 90% RH	10% ~ 90% RH	10% ~ 90% RH



Ultra Thin

Thickest part less than
8cm



Lightweight

Only 8.8kg per tile



Die-Casting Aluminum

Sturdy metal structure,
dual-border design



Seamless Splicing

High-precision seamless
connection



Standard Cabinet

500x500mm, easy
calculation & handling



Black SMD

Wide view angle, high
contrast 5000:1



Tool-Free Assembly

Integrated locking, no
extra tools



Fast Connection

Quick lock-pin design for
rapid setup

6: TV Wall LED

TX-W-LED

TELUNIX

Immersive Visuals • Seamless Custom Integration



LED Video Wall

140° Ultra-Wide Viewing • Seamless Video Wall Integrator • Total Visual Coverage

FEATURE	DESCRIPTION
◆ KEY FEATURES	
High Refresh Rate	3840Hz for ultra-smooth, flicker-free playback
SMD 3 in 1 Module	Adopting advanced SMD 3-in-1 technology for vibrant color reproduction
Size Customizable	Flexible dimensions tailored to any installation requirement
Wide-viewing Angle	Excellent visibility from multiple vantage points
Modular Design	Easy maintenance with swappable modules for reduced downtime
Advertising Billboard	Shopping mall, department store, outdoor event
Auditorium	Schools, conference hall
Large-scale Event	Exhibitions, trade shows, public relations events, concerts



LED Packaging

COB, GOB, and SMD for optimal brightness & pixel density



Modular Service

Power supply, receiving card & units – fast service, reduced downtime



High Refresh

3840Hz ensures smooth, flicker-free playback



Brightness & Contrast

Ultra-high brightness and deep contrast for immersive viewing



Color Accuracy

True-to-life colors with precise calibration



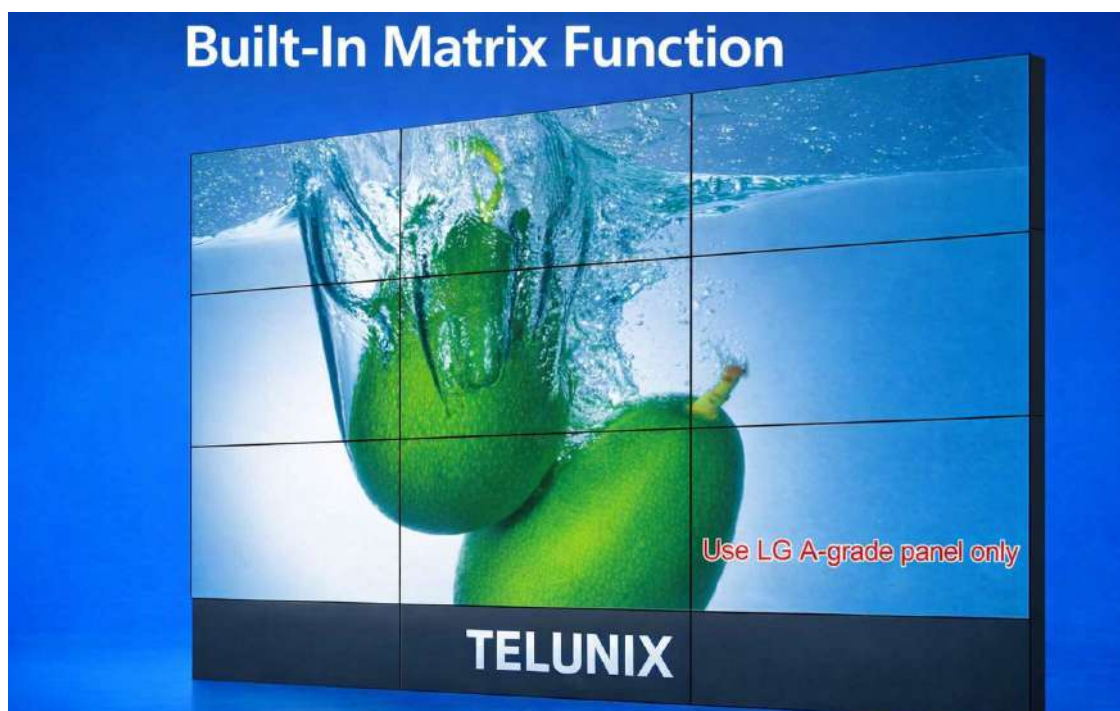
Custom Sizes

Tailored pixel pitch, size, and quantity on request

FEATURE	LED P2.5	LED P1.25
Physical Point Distance	2.5 mm	1.25 mm
Luminous Point Color	1R1G1B	1R1G1B
Model Resolution	128 × 64	256 × 128
Module Size	320 × 160 mm	320 × 160 mm
Pixel density	160,000 pix/m ²	640,000 pix/m ²
Model Type	3in1 SMD	3in1 SMD
Net Weight (N.W.)	0.4 kg	0.35 kg
Contrast	5000 : 1	5000 : 1
Viewing Angle (H/V)	140° / 140°	140° / 140°
Refresh Rate	3840 Hz	3840 Hz
Brightness	400 ~ 700 cd/m ²	400 cd/m ²
Input Voltage	AC 100~240V 50/60Hz	AC 100~240V 50/60Hz
Shelf Life	100,000 hrs	100,000 hrs
Max Power Consumption	800 W/m ²	800 W/m ²
Average Power Consumption	250 W/m ²	250 W/m ²
Signal Input	HDMI ×1, DVI ×2	HDMI ×1, DVI ×2
Temperature / Humidity	-10°C ~ 40°C / 10% ~ 90%	-10°C ~ 40°C / 10% ~ 90%



FEATURE	DESCRIPTION
FHD Resolution & LG IPS Panel	1920×1080 Full HD with LG IPS technology for accurate colors and wide viewing angles
Ultra-Narrow Bezel	3.5 mm bezel-to-bezel for seamless video wall installations
Brightness	500 ~ 700 nits, suitable for various indoor lighting conditions
Built-in Image Concatenation	Easily combine multiple screens into one large display without external processors
Built-in Matrix Function	Supports up to 15×15 configuration (225 screens) for massive video walls
Built-in Media Player	Play content directly from USB with loop playback support
Rear Handles	Six handles on the back for convenient installation and transportation
Advertising Billboard	Shopping mall, department store, outdoor event
Auditorium	Schools, conference hall
Large-scale Event	Exhibitions, trade shows, public relations events, concerts





Built-in Matrix

Supports up to 15×15 (225 panels) video wall configuration



Ultra-Narrow Bezel

0.45mm bezel width for near-seamless visual experience



Dual-Fan Cooling

Efficient dual-fan system for reliable 24/7 operation



High Brightness

500 or 700 cd/m² options for versatile indoor environments



Patented Lockers

Attached patented locking system for easy alignment and security



LG A-Grade Panel

Only genuine LG IPS panels for superior color and reliability

FEATURE	DESCRIPTION
Built-in Matrix Function	Supports up to 15×15 video wall (225 panels) with internal processing
Patented Lockers	Attached patented locking mechanism for fast, secure alignment
Touch Video Wall Upgrade	Optional interactive touch module for diverse applications
Dual-Fan Cooling System	Efficient dual-fan design ensures reliable 24/7 operation
Built-in Connectivity	HDMI out, VGA out, AV out, and external speaker support
Pop-out Wall Mount Option	Optional pop-out mount for easier installation and servicing
Panel & Resolution	LG A-grade IPS panel, Full HD 1920×1080
Brightness Options	500 cd/m ² or 700 cd/m ² for different indoor lighting
Ultra-Narrow Bezel	Right/Bottom 1.15mm, Left/Top 2.25mm – near seamless
Built-in Media Player	USB playback for video, audio, and images (MPEG, H.264, MOV, MP3, JPEG, etc.)
Firmware Features	Auto signal detection, blue light filter modes, timer on/off, freeze function
Convenient Installation	6 rear holders, RS232 control, remote control, and compact 113mm depth

B. SUPER NARROW BEZAL LCD



Industrial-Grade Panel

Durable DID LCD panel for 24/7 reliability



Color & Wide View

Latest color correction & wide-angle processing



Channel Cruise

Auto signal monitoring & switching



RC Adaptive Tech

RC intelligent adaptive digital processing



Freeze & Capture

Instant still image and snapshot function



Ghost Removal

Auto eliminates blur & afterimage artifacts



Smart Cooling

Auto fan & over-temperature protection



I. Key Features

1. Adopt industrial-grade LCD panel;
2. Adopt the latest color correction technology and unique wide viewing angle processing technology;
3. Integrated intelligent channel cruise function;
4. RC intelligent adaptive digital processing technology;
5. Instantaneous image, still image function;
6. Intelligent automatic image removal technology;
7. Intelligent temperature control cooling function.

FEATURE	DESCRIPTION
Super Narrow Bezel	≤ 3.5mm bezel-to-bezel for nearly seamless video wall splicing
Industrial-Grade DID Panel	ENB DID FHD-LED panel ensures long-term reliability and low power use
Full HD Resolution	1920 × 1080 (8-bit) for sharp, clear image quality
High Brightness	700 cd/m ² – visible even in brightly lit environments
Wide Viewing Angle	178° / 178° (H/V) – consistent image from any direction
Long Service Life	Over 60,000 hours of uninterrupted operation
Versatile Connectivity	HDMI, DVI, VGA, CVBS, RS485 – flexible for any setup



Super Narrow Bezel

≤ 3.5mm bezel-to-bezel for seamless splicing



Industrial-Grade Panel

ENB DID FHD-LED for reliability & low power



Full HD Resolution

1920×1080 8-bit for sharp, clear images



High Brightness

700 cd/m² – visible even in bright rooms



Wide Viewing Angle

178° H/V – clear from any direction



Long Service Life

Over 60,000 hours of uninterrupted operation



Dynamic Contrast

5,000,000:1 for deeper blacks and vivid colors



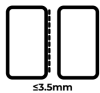
Smart Cooling

Intelligent temperature control with auto fan

2: SUPER NARROW BEZEL LCD VIDEO WALL Type-B H55

TX-SNB-LCD-TB

SPECIFICATION	VALUE
Panel Type	Industrial-grade ENB DID FHD-LED
Splicing Gap (Bezel)	≤ 3.5mm (super narrow)
Resolution	1920 × 1080 (Full HD 8-bit)
Brightness	500 cd/m ²
Contrast Ratio	1400:1 (static)
Viewing Angle	178° / 178° (H/V)
Service Life	Over 60,000 hours of uninterrupted operation



Super Narrow Bezel

Bezel gap ≤ 3.5mm for seamless video wall



Full HD Resolution

1920×1080 8-bit for sharp visuals



Brightness

500 cd/m² – clear in bright indoor environments



Dynamic Contrast

5,000,000:1 for deeper blacks & vibrant colors



Wide Viewing Angle

178° H/V – consistent from any direction



Response Time

8ms for smooth motion without blur



Service Life

Over 60,000 hours of uninterrupted operation



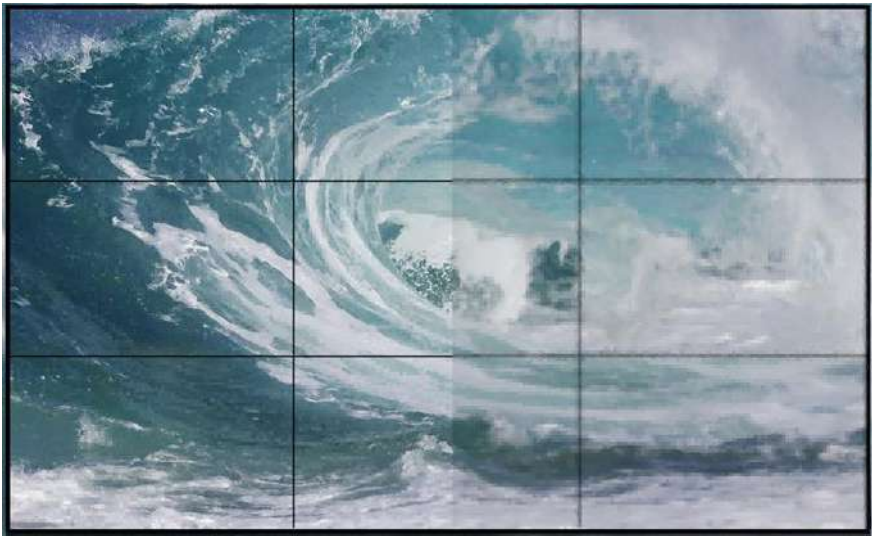
Power Consumption

Less than 203W for energy efficiency

3: SUPER NARROW BEZEL LCD VIDEO WALL Type-C H46

TX-SNB-LCD-TC

SPECIFICATION	VALUE
Splicing Gap (Bezel)	≤ 3.5mm super narrow bezel
Resolution	1920 × 1080 (Full HD) 8-bit
Brightness	500 cd/m²
Contrast Ratio	3500 : 1 (static)
Response Time	8ms
Viewing Angle	178° / 178° (H/V)
Maximum Power Consumption	140W
Service Life	Over 60,000 hours



Super Narrow Bezel

Bezel gap ≤ 3.5mm for seamless video wall



Full HD Resolution

1920×1080 8-bit for sharp visuals



Brightness

500 cd/m² – clear in bright indoor environments



Contrast Ratio

3500:1 static contrast for deep blacks & vibrant colors



Response Time

8ms for smooth motion without blur



Wide Viewing Angle

178° H/V – consistent from any direction



Power Consumption

Max 140W for energy efficiency



Service Life

Over 60,000 hours of uninterrupted operation

4: SUPER NARROW BEZEL LCD VIDEO WALL Type-D H55

TX-SNB-LCD-TD

SPECIFICATION	VALUE
Splicing Gap (Bezel)	≤ 1.8mm (super narrow) – nearly seamless video wall
Panel Type	Industrial-grade ENB DID FHD-LED (low energy, high stability)
Resolution	1920 × 1080 (Full HD -8bit) – sharp, detailed image
Brightness	700 cd/m ² – highly visible even in well-lit spaces
Contrast Ratio	Static 1400:1 · Dynamic up to 5,000,000:1
Response Time	8 ms – smooth, blur-free fast-motion playback
Viewing Angle	178° horizontal / 178° vertical – clear from any position
Service Life	Over 60,000 hours of uninterrupted operation (industrial-grade power supply)



1.8mm

1.8mm Ultra-Narrow Bezel

Nearly seamless splicing, much tighter than typical 3.5mm



700cd

700 Cd/m² Brightness

Superior visibility even in brightly lit environments



ENB

Industrial-Grade Panel

ENB DID FHD-LED for 24/7 reliability and low consumption



SM1

Dynamic Contrast

5,000,000:1 for deeper blacks and exceptional image depth



178°

Wide Viewing Angle

178°/178° – perfect colour from any viewing position



8ms

8ms Response Time

Smooth, blur-free fast-motion playback



60,000h

Long Service Life

Over 60,000 hours of uninterrupted operation



STABLE

Industrial Power Supply

Built-in stabilised power for reliable 24/7 operation

5: SUPER NARROW BEZEL LCD VIDEO WALL Type-E H55

TX-SNB-LCD-TE

SPECIFICATION	VALUE
Splicing Gap (Bezel)	≤ 1.8mm – super narrow, near-seamless video wall
Panel Type	ENB DID FHD-LED (industrial-grade, low energy consumption)
Resolution	1920 × 1080 (10-bit) – 1.07 billion colors
Brightness	500 cd/m ²
Contrast Ratio	1400:1 (static) · Dynamic up to 5,000,000:1
Response Time	8 ms – smooth, blur-free fast-motion playback
Viewing Angle	178° horizontal / 178° vertical
Power Consumption & Service Life	Max 160W · Over 60,000 hours of uninterrupted operation



1.8mm Ultra-Slim Bezel
Nearly seamless splicing for
immersive video walls



FHD 10-bit Resolution
1920×1080 with 1.07 billion
colors



8ms Response Time
Smooth, blur-free
fast-motion playback



178° Viewing Angle
Perfect color accuracy from
any viewing position



500 Cd/m² Brightness
Clear visibility even in well-lit
indoor spaces



Dynamic Contrast
Up to 5,000,000:1 for deeper
blacks & enhanced depth



160W Max Power
Energy-efficient design for
lower operating costs



60,000h Service Life
Industrial-grade reliability
for 24/7 operation

6: SUPER NARROW BEZEL LCD VIDEO WALL Type-A H55

TX-SNB-LCD-H55-TA

SPECIFICATION	VALUE
Splicing Gap (Bezel)	≤ 1.8mm – super narrow, near-seamless video wall
Panel Type	ENB DID FHD-LED – industrial-grade, low energy consumption
Resolution	1920 × 1080 (8-bit) – 1.07 Billion colors
Brightness	500 cd/m²
Contrast Ratio	1400:1 (static)
Response Time	8 ms – smooth, blur-free fast-motion playback
Viewing Angle	178° horizontal / 178° vertical
Power Consumption & Service Life	Max 160W · Over 60,000 hours of uninterrupted operation



0.88mm Ultra-Slim Bezel
Nearly seamless splicing for immersive video walls



Skyworth V12 Patent
Advanced digital high-speed image processing with 500MHz bandwidth



3D HD Digital Processing
3D Digital Comb Filter & noise reduction for clutter-free images



H2S Wide Dynamic
Processes HD video at different frequencies, solves image flicker



Dynamic Contrast 5M:1
Up to 5,000,000:1 dynamic contrast ratio for deeper image depth



Smart Cooling System
Auto-start fan when temperature reaches limit; over-temp alarm

7: SUPER NARROW BEZEL LCD VIDEO WALL Type-B H55

TX-SNB-LCD-H55-TB

SPECIFICATION	VALUE
Splicing Gap (Bezel)	≤ 0.88mm – ultra-slim, near-seamless video wall
Panel Type	ENB DID FHD-LED – industrial-grade, low energy consumption
Resolution	1920 × 1080 (8-bit) – 1.07 Billion colors
Brightness	500 cd/m ²
Contrast Ratio	1200:1 (static) · Dynamic up to 1:30,000
Response Time	8 ms – smooth, blur-free fast-motion playback
Viewing Angle	178° horizontal / 178° vertical
Power Consumption & Service Life	Max 210W · Over 60,000 hours of uninterrupted operation



0.88mm Ultra-Slim Bezel
Industry-leading near-seamless splicing for immersive video walls



Industrial DID Panel
ENB DID FHD-LED with low energy consumption & better stability



1200:1 Contrast Ratio
Deep blacks & vibrant colors with 30,000:1 dynamic contrast



8ms Response Time
Smooth, blur-free fast-motion playback for any content



Full HD 8-Bit Resolution
1920×1080 with 1.07 billion colors for lifelike images



500 Cd/m² Brightness
Clear visibility even in well-lit indoor environments



178° Viewing Angle
Perfect color accuracy from any viewing position



60,000h Service Life
Industrial-grade reliability for 24/7 uninterrupted operation

C. LCD Video Wall

An LCD video wall is a large-scale display system formed by tiling multiple individual LCD panels together in a grid to create a single, massive screen. These specialized panels have ultra-narrow bezels (borders) to make the seams between them as thin as possible. Engineered for 24/7 commercial use, they deliver high-brightness, wide 178° viewing angles, Full HD resolution per panel, and efficient LED backlighting. This technology is widely used in control rooms, retail stores, airports, and digital signage for high-impact visual communication.



Pure LED Backlight

Energy-efficient, deep contrast, 60k+ hours life.



178° Viewing Angle

Consistent colors from any direction.



60k+ Hours Lifespan

24/7 operation, reliable thermal design.



Universal Connectivity

HDMI, DVI, VGA, USB, RS232.



500–2500 nits Brightness

Sunlight visible (High Brightness series).



Bar Type + Video Wall

Slim bezel (0.88mm) & ultra-wide formats.



Full HD 1920×1080

Crisp 1080p detail for signage & control rooms.



Fast 2ms Response

No motion blur, smooth performance.



Multi-Screen Tiling

RS232 daisy-chain, full/split matrix.



Wide Voltage 100–240V

Global power compatibility, energy-saver.



Wide Temp Range

-35°C to +85°C, rugged reliability.



Easy Operation

Windows, multi-OSD, plug-and-play.

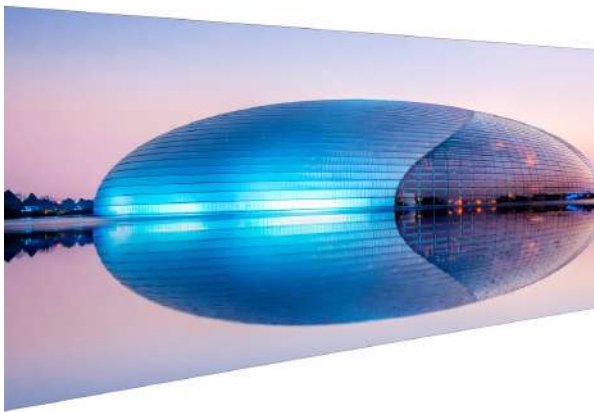
- ✓ **Pure LED Backlight Technology**
All models feature energy-efficient LED backlighting delivering deep contrast, uniform luminance, and extended operational life (+60,000 hours).
- ✓ **Full HD Native Resolution (1080×1920)**
Telunix video walls and professional displays support 1080p crisp detail, perfect for signage, control rooms, and high-impact broadcasting.
- ✓ **Ultra-Wide Viewing Angle °178° / 178**
Consistent colors and contrast from any direction — ideal for large video walls, public venues, and collaborative spaces.
- ✓ **Fast Response Time (2ms ~ 8ms)**
Telunix video walls achieve 2ms response (no motion blur); industrial monitors deliver smooth performance for dynamic advertising and interactive kiosks.
- ✓ **Long Lifespan ≥ 60,000 Hours**
Engineered for 24/7 operation with robust thermal management, ensuring reliability in command centers and retail environments.
- ✓ **Flexible Multi-Screen & Tiling Support**
RS232 daisy-chaining, video wall splitting (full/split/partial), and advanced control for seamless matrix configurations.
- ✓ **Comprehensive Connectivity**
HDMI, DVI, VGA, CVBS, USB, and RS232 inputs – universal compatibility with media players, PCs, and control systems.
- ✓ **Wide Voltage & Global Power Compatibility**
AC 240–100V, 60/50Hz with built-in protection. Energy-efficient design (typ. 130W–300W).
- ✓ **Exceptional Brightness Range (2500–500 nits)**
Telunix professional models offer 700-500 cd/m²; the High Brightness series reaches 2500 nits for direct sunlight visibility.
- ✓ **Wide Operating Temperature & Rugged Design**
Telunix industrial monitors withstand 35°- C to 85°+C; video walls are built for stable indoor operation with high thermal efficiency.
- ✓ **Versatile Form Factors (Bar Type & Video Wall)**
Bar Type displays (19.5"-15.1" ultra-wide) + Telunix 55", 49", 46" slim bezel (down to 0.88mm) for modern design.
- ✓ **Universal Software & Easy Operation**
Compatible with Windows, multi-language OSD, remote control, and plug-and-play setup for integrators and end users.

FEATURE	DESCRIPTION
Screen Size	46"
Bezel	3.5mm
Brightness	500 cd/m ²
Features	Professional inner core, intelligent light control, smart correction, multi-screen display, smart correction and etc.



FEATURE	DESCRIPTION
Screen Size	64.5" (Diagonal)
Resolution	3840 × 2160 (4K Ultra HD)
Brightness	500 cd/m ² (Typical)
Bezel Width	≤ 20.4 mm
Response Time	2ms (Pixel overdrive)
Viewing Angle	178°(H) / 178°(V)
Lifespan	≥ 60,000 hours (7x24h continuous operation)
Video Wall Function	Supports full screen, separate screen, and partial screen display

FEATURE	DESCRIPTION
Screen Size	49"
Bezel	3.5mm
Brightness	500 cd/m²
Features	Professional inner core, intelligent light control, smart correction, multi-screen display, smart correction and etc.



FEATURE	DESCRIPTION
Panel Size / Type	49" LED Panel (Diagonal)
Resolution	1920 x 1080 (Full HD)
Brightness	500 cd/m²
Contrast Ratio	4500:1
Viewing Angle	178°(H) / 178°(V)
Response Time	2ms
Bezel / Edge Joint	≤ 3.5mm (ultra-narrow, near-seamless)
Lifespan (24/7 Operation)	≥ 60,000 hours

3: 55” LCD Video Wall

TX-LCD-VW-55

FEATURE	DESCRIPTION
Screen Size	55"
Bezel	1.7mm / 1.8mm (ultra-narrow)
Brightness	500 cd/m²
Features	Professional inner core, intelligent light control, smart correction, multi-screen display, smart correction and etc.



FEATURE	TX-LCD-VW-55	TX-LCD-VW-49	TX-LCD-VW-46
Panel Type	55" LED Panel	49" LED Panel	46" LED Panel
Resolution	1920×1080 (Full HD)	1920×1080 (Full HD)	1920×1080 (Full HD)
Brightness	500 cd/m ²	500 cd/m ²	500 cd/m ²
Contrast Ratio	4500:1	4500:1	4500:1
Viewing Angle	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)
Response Time	2ms (Pixel overdrive)	2ms (Pixel overdrive)	2ms (Pixel overdrive)
Bezel (Edge Joint)	≤ 3.5 mm	≤ 3.5 mm	≤ 3.5 mm
Startup Time	< 6 s	< 6 s	< 6 s
Lifespan (24/7)	≥ 60,000 hours	≥ 60,000 hours	≥ 60,000 hours
Power Consumption	≤ 210 W	≤ 185 W	≤ 165 W
Operating Temperature	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C
Input Ports	HDMI, DVI, VGA, CVBS	HDMI, DVI, VGA, CVBS	HDMI, DVI, VGA, CVBS
VESA Mounting	600×400 mm	500×400 mm	400×400 mm

4: High Brightness Monitor LCD

TX-HBM-LCD



What is High Brightness?

It is a semi-transmissive type that can be seen outdoors under sunlight, and has a brightness of 1,000 to 2,500 nits



Comparison with Normal Luminance Panel

FEATURE	DESCRIPTION
Panel Technology	Semi-transmissive (transflective) design – combines transmissive and reflective properties for sunlight readability
Brightness Range	1,000 ~ 2,500 nits, engineered for direct sunlight visibility
Display Technology	Very High Brightness (VHB) LCD + transflective film solution for extreme environments
Backlight Solution	Self-made high-brightness BLU (backlight unit), optimized per product for maximum performance
Thermal Management	Dedicated heat dissipation design to complement high-brightness operation; stable under thermal load
Luminance Enhancement	Special optical film integration achieves up to 1.5× luminance improvement
High-Brightness LED Driver	Rated for -35°C ~ 85°C operation, ensuring reliability in extreme temperatures (24/7 continuous use)
Target Applications	Outdoor signage, advertising displays, gaming monitors, industrial kiosks – any sunlight-exposed environment



Semi-Transmissive

Transflective design combines transmissive & reflective properties for brilliant outdoor visibility under direct sunlight.



1,000 ~ 2,500 nits

Ultra-high brightness engineered for demanding outdoor advertising and direct-sun environments.



Thermal Optimization

Dedicated solutions to complement heat generation, preserving stability at max brightness.



Self-made BLU

Proprietary backlight solution tailored for each panel, achieving superior luminance consistency.



-35°C ~ 85°C Driver

High-brightness LED driver rated for extreme thermal conditions, ensuring 24/7 operation.



VHB Technology

Very High Brightness LCD core combined with transflective film – perfect for harsh sunlight readability.



Indoor & Outdoor

Seamless performance across indoor displays and direct sunlight environments.



Optimal Advertising

Crystal-clear visibility ensuring maximum impact for outdoor ads and signage.



2,000 nits Peak

Ultra-high brightness for vibrant imagery even under harsh sunlight.



Semi-Transmissive

Harnesses surrounding light – transflective design for superior readability.



Various Sizes

Multiple size options to fit any commercial, retail, or industrial need.



Extreme Temp Driver

Rated -35°C to 85°C – robust performance in any climate.

5: Bar Type Monitor

TX-BTM-LCD

FEATURE	DESCRIPTION
Application Fields	Various fields of application (industrial, medical, commercial kiosks, etc.)
Panel Shape	Special panel shape – custom profile tailored for unique integration
Available Sizes	From 15.1 inches to 19.5 inches, supporting diverse display requirements



Versatile Applications

Industrial, medical, retail & commercial kiosks



Special Panel Shape

Custom profile for unique integrations



Multiple Sizes

From 15.1" up to 19.5" diagonal



- ✓ **Pure LED Backlight Technology**
All models feature energy-efficient LED backlighting delivering deep contrast, uniform luminance, and extended operational life (+60,000 hours).
- ✓ **Full HD Native Resolution (1080×1920)**
Telunix video walls and professional displays support 1080p crisp detail, perfect for signage, control rooms, and high-impact broadcasting.
- ✓ **Ultra-Wide Viewing Angle °178° / 178**
Consistent colors and contrast from any direction — ideal for large video walls, public venues, and collaborative spaces.
- ✓ **Fast Response Time (2ms ~ 8ms)**
Telunix video walls achieve 2ms response (no motion blur); industrial monitors deliver smooth performance for dynamic advertising and interactive kiosks.
- ✓ **Long Lifespan ≥ 60,000 Hours**
Engineered for 24/7 operation with robust thermal management, ensuring reliability in command centers and retail environments.
- ✓ **Flexible Multi-Screen & Tiling Support**
RS232 daisy-chaining, video wall splitting (full/split/partial), and advanced control for seamless matrix configurations.
- ✓ **Comprehensive Connectivity**
HDMI, DVI, VGA, CVBS, USB, and RS232 inputs – universal compatibility with media players, PCs, and control systems.
- ✓ **Wide Voltage & Global Power Compatibility**
AC 240–100V, 60/50Hz with built-in protection. Energy-efficient design (typ. 130W–300W).
- ✓ **Exceptional Brightness Range (2500–500 nits)**
Telunix professional models offer 700-500 cd/m²; the High Brightness series reaches 2500 nits for direct sunlight visibility.
- ✓ **Wide Operating Temperature & Rugged Design**
Telunix industrial monitors withstand °35-C to °85+C; video walls are built for stable indoor operation with high thermal efficiency.
- ✓ **Versatile Form Factors (Bar Type & Video Wall)**
Bar Type displays ("19.5"-15.1 ultra-wide) + Telunix "55,"49,"46 slim bezel (down to 0.88mm) for modern design.
- ✓ **Universal Software & Easy Operation**
Compatible with Windows, multi-language OSD, remote control, and plug-and-play setup for integrators and end users.

6



Digital Signage

A.Wall Mount DS

A professional digital signage solution designed for wall-mounted installation. Ideal for commercial and service environments such as hotels, shopping malls, airports, transport hubs, and banks. It delivers high-definition display quality (up to FHD 1080×1920) with a sleek metal body for durability. Powered by the Android operating system, it allows flexible and easy remote content management. Available in multiple sizes (22" to 55") to meet various digital advertising needs.



1: 55» Wall Mount DS

TX-WM-DS-55

FEATURE	DESCRIPTION
Screen Size	55"
Resolution	1920 x 1080
Panel Type	60Hz LED BLU
Touch Panel (Optional)	Infrared touch panel / Capacitive touch panel
Application	Hotel, mall, airport, subway station and etc.



FEATURE	DESCRIPTION
Display Size & Resolution	15" - 55": 1920 × 1080 (Full HD) 65" - 84" : 3840 × 2160 (4K Ultra HD)
Brightness & Contrast	≥350 cd/m ² brightness · ≥3000:1 contrast ratio for vivid image quality
Response Time	6ms – smooth video playback without ghosting
Lifespan	≥50,000 hours (continuous 24/7 operation) – reliable for long-term use
CPU + RAM	4-core 1.6GHz HD decoding chip · 2GB RAM · smooth multitasking
Storage	16GB eMMC built-in + SD card slot (expandable) – store media locally
Network & Ports	WiFi, RJ45, optional 4G/3G · 2 USB ports / 4 USB sockets (optional) · VGA+HDMI output
Operating Temperature	-10°C to 46°C – stable performance in various indoor environments

2: 49” Wall Mount DS

TX-WM-DS-49

FEATURE	DESCRIPTION
Screen Size	49"
Resolution ratio	1920x1080
Type	60HZ LED BLU
Type of touch panel	Infrared touch panel/Capacitive touch panel (Optional)
Application	Hotel, mall, airport, subway station and etc.



FEATURE	DESCRIPTION
Ultra-thin Poster Form Factor	Sleek, space-saving design ideal for retail, lobbies, and digital signage. Blends perfectly into any environment.
High Brightness & 178° View	≥350 cd/m², 3000:1 contrast, 178° wide viewing angle. Vivid colors from any position.
50,000h Industrial Panel	Rated for 24/7 continuous use. Reliable for high-traffic areas, reduces maintenance costs.
Quad-core 1.6GHz & 2GB RAM	Powerful decoding chip ensures smooth playback of HD videos and interactive content.
16GB Storage + SD Slot	16GB eMMC built-in, microSD expandable. Store hundreds of videos and playlists offline.
Wi-Fi, Ethernet & Multiple Ports	RJ45, Wi-Fi, optional 4G/3G; 2×USB, VGA, HDMI. Easy connection to peripherals.
Wide Media Format Support	MP3/WMA/WAV, JPEG/BMP/TIFF, H.264/FLV/MP4/RMVB/MPEG2. No conversion needed.
Cloud Management & Smart Scheduling	Remote grouping, monitoring, auto-upgrade; supports timer/insertion playback. Effortless campaign control.

3: 43" Wall Mount DS

TX-WM-DS-43

FEATURE	DESCRIPTION
Screen Size	43"
Resolution Ratio	1920x1080
Type	60HZ LED BLU
Type of Touch Panel	Infrared touch panel / Capacitive touch panel (Optional)
Application	Hotel, mall, airport, subway station and etc.

FEATURE	DESCRIPTION
Ultra-thin Poster Form Factor	Extremely slim profile ($\leq 20\text{mm}$) that mimics a printed poster. Blends elegantly into retail windows, hotel lobbies, museums, and corporate lobbies, saving valuable floor space while delivering digital dynamic content.
High Brightness & Ultra-Wide Viewing Angle	$\geq 350\text{ cd/m}^2$ brightness ensures clear visibility even in brightly lit environments. 3000:1 dynamic contrast ratio delivers deep blacks and vibrant colors. $178^\circ(\text{H})/178^\circ(\text{V})$ viewing angle guarantees consistent image quality from any side.
Industrial-Grade Longevity (50,000h)	Engineered for 24/7 continuous operation with a rated lifespan of $\geq 50,000$ hours. Ideal for airports, subway stations, and shopping malls where reliability is critical, significantly lowering total cost of ownership.
Powerful Quad-Core Processor & 2GB RAM	High-definition decoding chip (4 cores @1.6GHz) paired with 2GB RAM ensures smooth playback of high-bitrate videos, interactive applications, and complex layouts without stuttering or delays.
Generous Storage + SD Expandability	16GB eMMC built-in allows storing hundreds of hours of HD content. The SD card slot (up to 128GB) provides virtually unlimited offline capacity, reducing reliance on continuous network streaming.
Universal Media Format Compatibility	Supports almost all common formats: audio (MP3, WMA, WAV), images (JPEG, BMP, TIFF), video (H.264, FLV, MP4, RMVB, MPEG2). No transcoding or conversion required – just copy and play.
Cloud-Based Remote Management & Smart Scheduling	Full device grouping, authorization, real-time monitoring, remote auto-upgrade, and user login logs. Supports timed playback, insertion, and count-based cycles. Manage hundreds of screens from a single dashboard.
All-Round Connectivity Options	Built-in Wi-Fi + RJ45 Ethernet, optional 4G/3G module. Ports include 2×USB, VGA, HDMI, and extra USB sockets. Easily connect external media players, touch overlays, or secondary displays.



Ultra-thin Poster Design

Sleek, space-saving LCD fits any wall – retail, lobbies, museums. Replaces bulky signage.



High Brightness & 178° View

$\geq 350\text{ cd/m}^2$, 3000:1 contrast. Vivid colors even under bright lights, distortion-free from any side.



50,000h Industrial Grade

Rated for 24/7 operation – perfect for airports, shopping malls, transit hubs. Ultra-reliable.



Quad-core + 2GB RAM

4-core 1.6GHz chip ensures smooth HD video and interactive content. Zero lag, fluid playback.



Universal Media Format

MP3/WMA/WAV, JPEG/BMP/TIFF, H.264/FLV/MP4/RMVB/MPEG2 – plug and play, no conversion.



Cloud Management & Scheduling

Remote monitoring, auto-upgrade, timer/insertion playback. Control hundreds of screens from anywhere.

4: 32" Wall Mount DS

TX-WM-DS-32

FEATURE	DESCRIPTION
Screen Size	32"
Resolution Ratio	1920x1080
Type	60HZ LED BLU
Type of Touch Panel	Infrared touch panel / Capacitive touch panel (Optional)
Application	Hotel, mall, airport, subway station and etc.



ADVANTAGE	BENEFIT FOR BUYER
Fast Touch Response	≤5ms response – lag-free, smooth interaction.
Anti-Glare Durability	Hardened surface, scratch-resistant & low reflection.
Plug-and-Play	No drivers – works with Windows, macOS, Linux, Android.
Wide Temperature Range	0°C to 50°C – reliable for diverse environments.
20-Point Multi-Touch	Supports up to 20 simultaneous touches for collaboration.
VESA Mount Ready	Easy wall or stand mounting – saves installation cost.
24/7 Continuous Use	Industrial-grade components for non-stop operation.
Optional Touch Upgrade	Infrared or capacitive – glove or precision choice.

FEATURE	DESCRIPTION
Screen Size	22" diagonal (measurable display area)
Resolution ratio	1920 x 1080 (Full HD, 16:9 aspect ratio)
Display Type	60Hz LED BLU (LED Backlight Unit — energy efficient, vibrant brightness)
Type of touch panel	Infrared touch panel / Capacitive touch panel (Optional — tailor to environment)
Application	Hotel, mall, airport, subway station, conference centers, and public interactive kiosks
Operating Environment	Commercial & high-traffic zones — reliable 24/7 performance, anti-glare surface compatible



FEATURE	DESCRIPTION
Full HD LED Backlight	1920x1080 resolution with 60Hz LED BLU — vivid colors, energy efficient, flicker-free performance.
Infrared / Capacitive Touch	Optional IR (glove/stylus support) or PCAP (high sensitivity) — adapts to any environment.
10-point Multi-Touch & Gesture Support	10-point simultaneous touch, smooth pinch/zoom/swipe ideal for kiosks, POS, and interactive signage.
Durable & Scratch-Resistant	7H hardness cover glass (optional) — withstands high-traffic areas like malls, airports, hotels.
Wide Viewing Angle (178°)	IPS-grade panel ensures perfect visibility from any side — consistent colors for public displays.
Versatile Connectivity	HDMI, VGA, DVI, USB — easy integration with media players, PCs, and embedded systems.
VESA Mount & Slim Design	Standard 100x100mm VESA pattern — flexible wall, pole, or freestanding mounting for any space.
Commercial Application Ready	Built for 24/7 operation in hotels, subway stations, airports, retail — reliable and low maintenance.



Full HD LED

1920x1080 · 60Hz LED BLU
Vivid colors & energy efficiency



Dual Touch Tech

Infrared / Capacitive (optional)
Multi-touch (10pt) · glove support



Heavy-Duty Reliable

7H scratch-resistant · 24/7 operation
Ideal for high-traffic public areas

B. Floor Mount DS

Floor Mount DS, also known as a floor-standing digital signage display, is a self-contained, freestanding LCD advertising screen primarily designed for indoor environments. It is positioned at an optimal height for natural, direct engagement and visibility in high-traffic public spaces.



These units typically feature an integrated chassis design, playing dynamic content like videos and advertisements from a centralized management system. Telunix's series stands out for its sleek, modern exterior, ultra-narrow bezels for a seamless visual experience, and reliable performance in commercial settings like hotels, malls, airports, and metro stations.

1: Floor Standing DS

55 49 43

TX-FS-DS



Sleek Freestanding

Ultra-slim integrated chassis, space-saving floor stand for lobbies & retail.



Vivid Clarity

Full HD 1080p · High brightness panel for dynamic advertising & info.



Cloud CMS

Centralized remote management, content scheduling via WiFi/Ethernet.



24/7 Reliability

Metal chassis, fanless cooling — continuous operation in public areas.



178° Viewing Angle

IPS technology — consistent colors from any direction.



Smart Thermal

Intelligent power saving & overheat protection, low energy consumption.



FEATURE	DESCRIPTION
Screen Size	43 / 49 / 55 diagonal – versatile options for any high-visibility space
Resolution ratio	1920 x 1080 (Full HD) – crisp detail and vivid image quality across all sizes
Display Type	60Hz LED BLU – energy-efficient backlight, flicker-free performance
Touch Panel Technology	Infrared touch panel / Capacitive touch panel (Optional) – glove-ready or high-sensitivity options
Target Applications	Hotels, shopping malls, airports, subway stations, and public interactive kiosks



Capacitive 10-point touch

Ultra-responsive multi-touch, smooth gesture recognition for intuitive interaction in retail & public spaces.



Ultra HD 4K clarity

Resolution up to 3840×2160 — stunning detail for advertising, wayfinding and premium digital signage.



3000-unit cluster management

Single database supports up to 3000 devices simultaneously — seamless mass deployment & centralized control.



Flexible programming

Visible program editor, free combination of text/images, scheduled playback & offline content publishing.



Smart remote management

Remote auto-upgrade, real-time terminal monitoring, access control & detailed user logs.



Always-on reliability

Power-off memory, auto power-on, watch-dog restart & breakpoint resume — 24/7 operation for high-traffic areas.

2: K Shape Touch LCD

TX-KS-T-LCD



Ergonomic K-Shape

Unique K-shaped frame offers natural interaction angle for users.



Multi-Touch

10-point capacitive touch, smooth gestures & interactive content.



Ultra HD Clarity

Full HD (4K optional) — stunning visuals for retail & wayfinding.



Dual OS Ready

Android / Windows compatible — flexible app deployment.



High-Fidelity Audio

Integrated stereo speakers for multimedia & announcements.



Durable Glass

7H tempered glass, scratch-resistant for high-traffic use.

FEATURE	DESCRIPTION
Screen Size	32 – 55 diagonal – flexible sizing for diverse installation needs
Resolution ratio	1920 x 1080 (Full HD) – crisp detail and vivid image quality
Display Type	60Hz LED BLU – energy-efficient backlight, flicker-free performance
Touch Panel Technology	Infrared touch panel / Capacitive touch panel (Optional) – glove-ready or high-sensitivity options
Target Applications	Hotels, shopping malls, airports, subway stations, and public interactive kiosks



3: Outdoor Digital Signage

TX-O-DS

FEATURE	DESCRIPTION
Screen Size	32 – 55 diagonal – flexible sizing for diverse installation needs
Resolution ratio	1920 x 1080 (Full HD) – crisp detail and vivid image quality
Display Type	60Hz LED BLU – energy-efficient backlight, flicker-free performance
Touch Panel Technology	Infrared touch panel / Capacitive touch panel (Optional) – glove-ready or high-sensitivity options
Target Applications	Large-scale squares, theaters, events, trade shows, and public interactive installations



- 

Sunlight-Ready 2500 nits
Ultra-high brightness ensures crystal-clear visibility even under direct sunlight. Auto-adjustment sensor optimizes energy savings.
- 

IP65/IP66 Weatherproof
Fully sealed against rain, dust, humidity, and salt spray. Industrial-grade enclosure ensures reliable operation in any outdoor climate.
- 

Smart Thermal Control
Built-in intelligent cooling + optional heater system. Auto fan speed adjustment ensures stable 24/7 operation from -30°C to +55°C.
- 

Responsive PCAP Multi-Touch
10-point projective capacitive touch, accurate and scratch-resistant. Works with gloves, rain droplets, and stylus for frictionless interaction.
- 

IK10 Vandal-Resistant Glass
5mm tempered glass with anti-reflective coating. Withstands high impact and graffiti, ideal for public squares, transit hubs and urban environments.
- 

Cloud CMS & Remote OTA
Centralized content management, real-time scheduling, health monitoring, and OTA updates via Wi-Fi/4G/Ethernet. Manage 1000+ displays from anywhere.

C. Multi-usage Singage Screen

1: LED Advertising Display

This professional P1.8 LED display uses advanced SMD encapsulation technology, delivering ultra-fine pixel pitch (1.86mm) and high pixel density (355,008 dots/m²) for exceptional clarity. With a 3840Hz refresh rate, 800-650 nits brightness, °160 wide viewing angle, and die-cast aluminum cabinet for front access maintenance, it is ideal for indoor advertising, events, retail, and control rooms. The foldable screen design allows compact storage and easy transport.



TX-LED-1.8



Ultra-fine Pixel Pitch

1.86mm pixel pitch with 355,008 dots/m² density delivers seamless, crystal-clear images even at close viewing distances.



3840Hz Refresh & 16-Bit Grayscale

≥3840Hz refresh eliminates flicker, ideal for broadcast & events. 13-16 bit grayscale ensures smooth gradients and true-to-life colors.



Foldable & Service-Friendly

Foldable design for compact storage and easy transport. Die-cast aluminum cabinet with front access maintenance reduces downtime.



2: Android Touchscreen Computer

TX-TS-AC



10-point G+G
Bright, glove-friendly



Quad-core A72/A53
Android 15, fast



PoE + WiFi 6
LAN, BT 5.0, 4G opt.



Secure Lockdown
STAROS multi-app mode



Cloud CMS
Museum signage ready



Peripheral ports
Barcode, RFID, USB-C



Lightweight 1.1kg
ABS, VESA 75



Flip & rotate
Portrait / landscape

1: TELUNIX AI 10-Inch

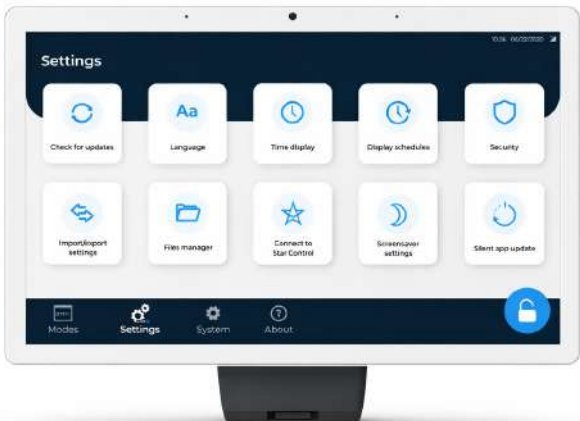
Compact 10" Android touchscreen with 800×1280 resolution and 10-point G+G capacitive touch. Powered by quad-core CPU, 4GB RAM, 32GB storage, Android 15. Ideal for self-service kiosks, ordering, and feedback.



2: TELUNIX AI 15.6-Inch Touchscreen



15.6" Full HD (1080×1920) Android touchscreen with high brightness and G+G 10-point touch. Features PoE, WiFi 6, Bluetooth 5.0, and optional 4G. Perfect for retail kiosks, QSR, and interactive signage. This model is available in both white and black colors

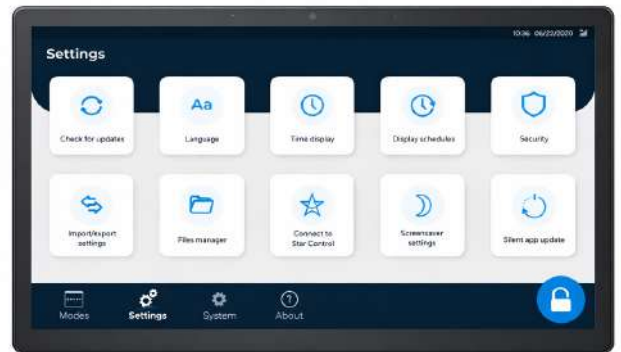
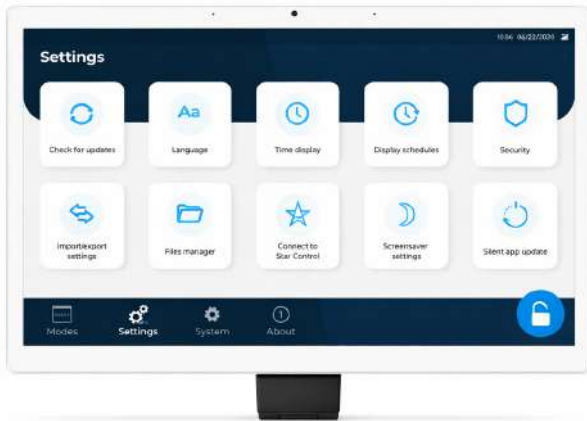


3: TELUNIX AI 21.5-Inch



Touchscreen Display

-21.5inch Android 15 all-in-one touchscreen display with Full HD resolution, -10point capacitive touch, anti-glare glass, WiFi 6, PoE support, and AI-ready features for interactive commercial use. This model is available in both white and black colors



4: TELUNIX Gen 2 10-Inch

Touchscreen Display

10" commercial tablet with 800×1280 display, 10-point capacitive touch, Android 12. Quad-core Cortex-A4 ,55GB RAM, 32GB storage. Supports PoE, kiosk mode, and wall mounting.

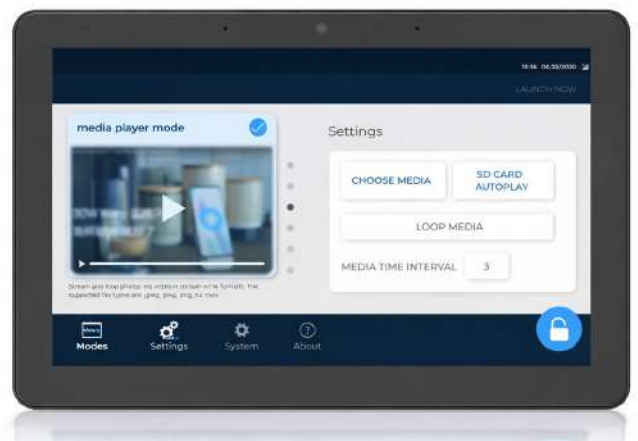
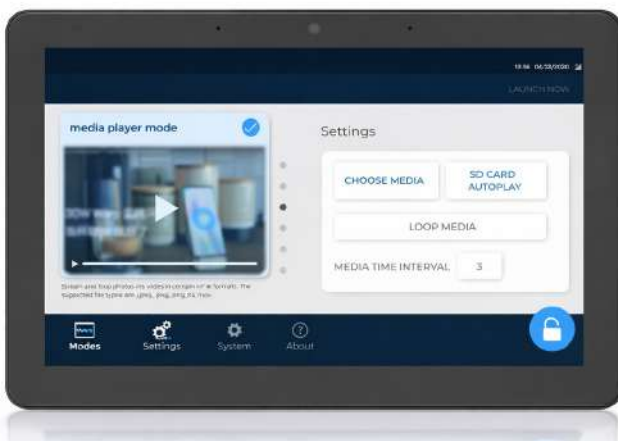


5: TELUNIX Gen 2 15.6-Inch



Commercial Touchscreen

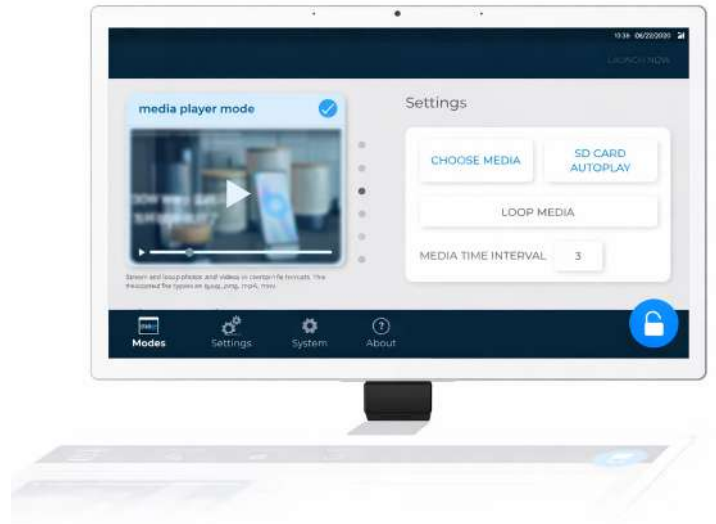
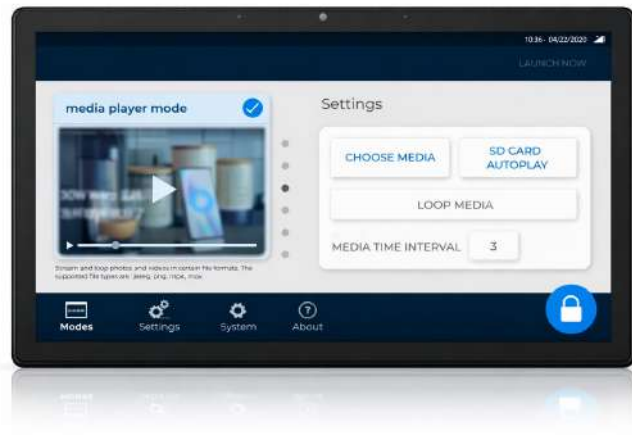
15.6" Full HD touchscreen designed for 24/7 commercial use. Features G+G glass, 450 nits brightness, and optional PoE. Runs Android 12, ideal for self-order kiosks and point-of-sale. This model is available in both white and black colors



6: TELUNIX Gen 2 21.5-Inch Interactive Display

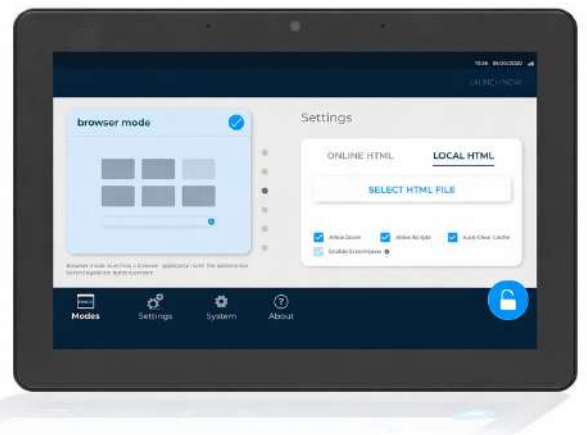


21.5" large interactive display in standard colour. Features edge-to-edge glass, Full HD resolution, 10-point touch. Android 12, quad-core CPU, 4GB/32GB. Ideal for hotel lobbies, museums, and corporate directories. This model is available in both white and black colors



7: TELUNIX Lite 10-Inch Industrial Touchscreen

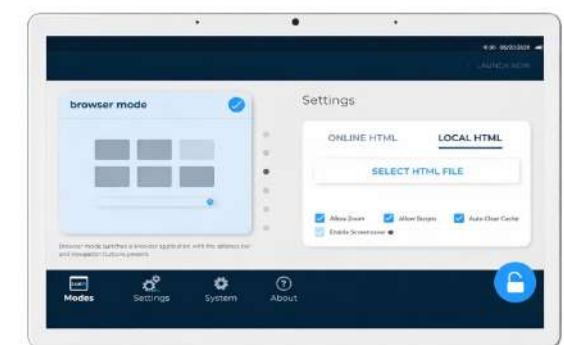
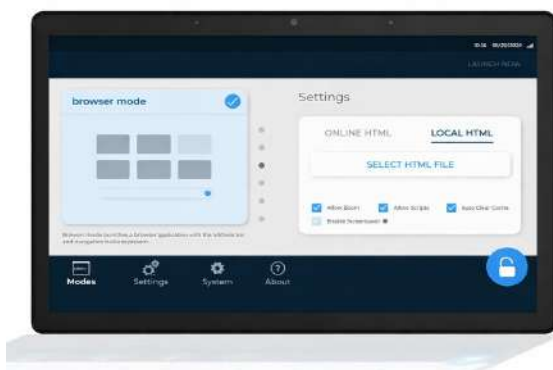
10" industrial-grade touchscreen with 800×1280 resolution, G+G 10-point touch. Android 2, 11GB RAM, 32GB storage. Designed for factory automation, control panels, and harsh environments.



8: TELUNIX Lite 15.6-Inch Industrial Touch Monitor



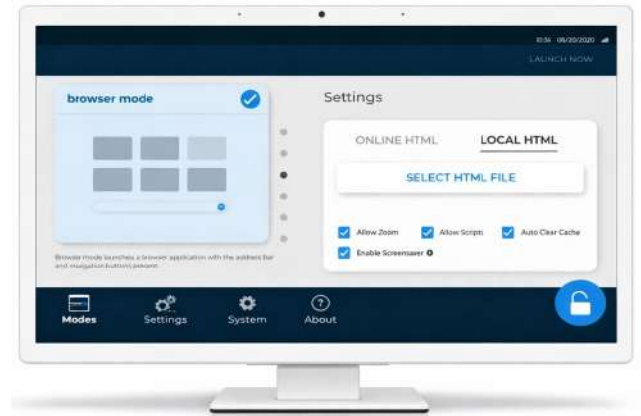
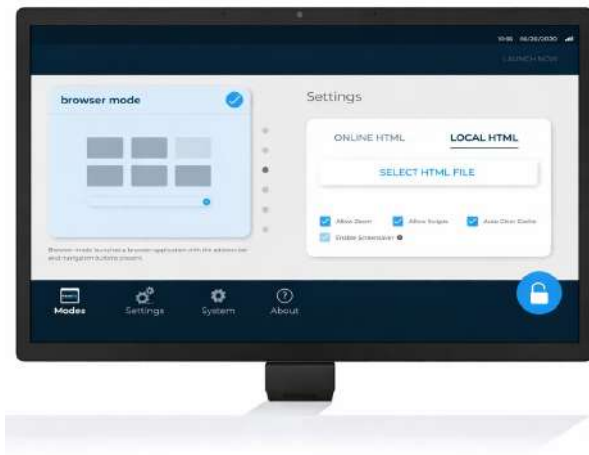
15.6" Full HD industrial monitor with rugged ABS housing and anti-glare glass. Android 11, reliable for 24/7 operation. Supports VESA mounting and optional PoE. Low power consumption and wide operating temperature. Ideal for industrial HMI and logistics terminals. This model is available in both white and black colors



9: TELUNIX Lite 21.5-Inch Industrial Touch Monitors

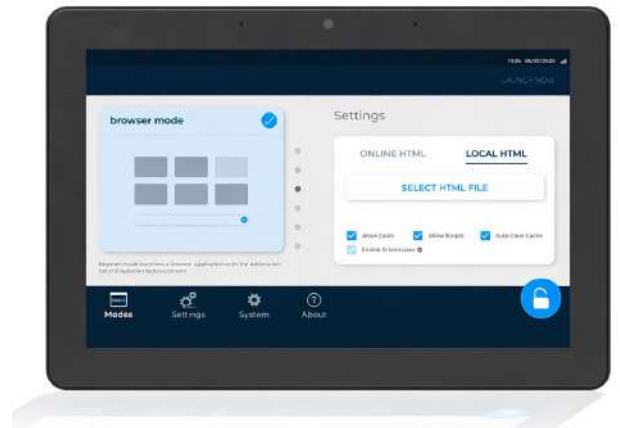


21.5" large industrial touch monitor, Full HD, durable construction. Android 2 ,11GB/32GB. Perfect for machine control, production line monitoring, and warehouse kiosks. This model is available in both white and black colors



10: TELUNIX Powerwise 10-Inch All-in-one Touchscreen

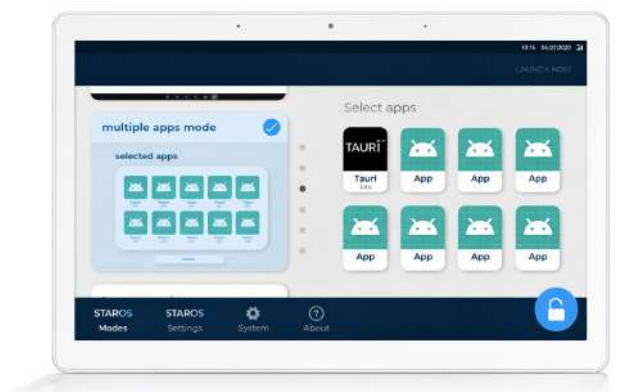
10" power-efficient Android touchscreen with 800×1280 display and 10-point touch. 8-core CPU, 4GB RAM, 64GB storage, Android 13. Features customizable LED ring and optional 4G.



11: TELUNIX Powerwise 15.6-Inch Touchscreen Computer



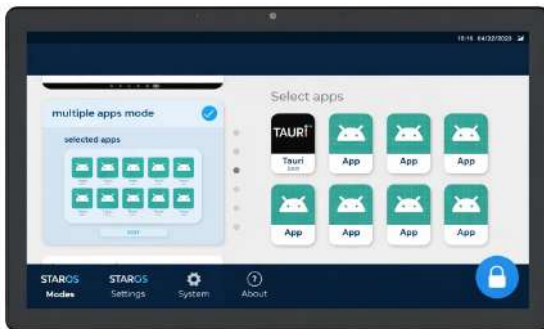
15.6" Full HD touchscreen computer with high brightness (450 nits). Android 8 ,13-core CPU, 4GB/64GB. Ideal for self-checkout kiosks and patient registration. Full HD, 10-point touch, LED ring. Android 13 with PoE and Wi-Fi 6. This model is available in both white and black colors



12: TELUNIX Powerwise 21.5 –Inch Touchscreen Monitor



21.5" large touchscreen monitor, Full HD resolution, 10-point capacitive. Powered by 8-core CPU, 4GB/64GB, Android 13. Great for interactive directories and digital signage. This model is available in both white and black colors



3: LED TOUCHSCREEN

TX-LED-TS-A



Vivid Full HD

1920×1080 / 1280×800, up to 500 nits, anti-glare glass for brilliant visibility.



10-point Touch

G+G capacitive, ≥7H hardness, glove-friendly, precise and responsive interaction.



LED Status Ring

Programmable RGB light ring for branding, availability, or ambient effects.



Secure Kiosk Mode

STAROS lockdown, Star Control MDM, Musea digital signage – license-free.



PoE Ready

Single cable for power & data (IEEE802.3af/at), clean and professional.



Rugged & Connected

WiFi 6 / BT 5.0, ABS industrial chassis, wide temperature, and wall/desk mount.

1: TELUNIX Glow AI 10 –Inch Interactive LED Display

Compact 10" Android touchscreen (10,800×1280-point G+G touch) with high brightness 500 cd/m². Features quad-core CPU, 4GB RAM, 64GB storage, WiFi 6, PoE, and customizable RGB LED ring. Ideal for interactive kiosks, retail signage, and self-service applications.



2: TELUNIX Glow AI 15.6 –Inch Interactive LED Display



Sleek 15.6" Full HD (1080×1920) Android touchscreen in white or Black housing. Features 10-point capacitive touch, 450 cd/m² brightness, quad-core processor, 2GB RAM, 16GB storage. Perfect for digital signage, interactive kiosks, and modern retail environments. This model is available in both white and black colors



3: TELUNIX Glow Gen 2 10 –Inch Meeting Room Touchscreen Display

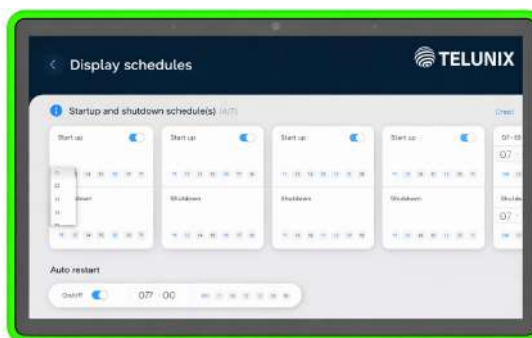
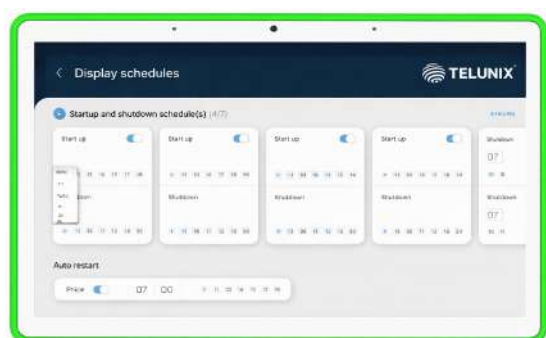
Purpose-built 10" Android tablet (800×1280) for meeting room scheduling and resource management. Features 10-point capacitive touch, embedded green/red/yellow LED status lights, open API, and optional PoE. Includes free STAROS kiosk mode for dedicated room booking applications.



4: TELUNIX Glow Gen 2 15.6 –Inch Meeting Room Touchscreen Display



Larger 15.6" Full HD Android touchscreen designed for meeting room and conference room management. Features responsive 10-point touch, embedded LED status indicators, and open API for integration. Supports PoE and includes free kiosk lockdown software for dedicated scheduling. This model is available in both white and black colors



5: TELUNIX Glow Lite 10 –Inch LED Touchscreen Kiosk

Compact and durable 10" Android kiosk solution with 800×1280 resolution and 10-point capacitive touch. Powered by quad-core CPU, 2GB RAM, 16GB storage, and energy-efficient design. Suitable for self-service kiosks, retail point-of-information, and QSR ordering.



6: TELUNIX Glow Lite 15.6 –Inch LED Touchscreen Kiosk



Premium 15.6" Full HD Android kiosk display with bonded 10-point touch and 450 cd/m² brightness. Features customizable RGB LED ring, quad-core processor, 2GB RAM, 16GB storage. Perfect for interactive kiosks in healthcare, retail, and conference scheduling. This model is available in both white and black colors.



7: TELUNIX Glow Powerwise 10 –Inch Touchscreen Status Display

Compact 10" Android display (800×1280) dedicated to real-time status monitoring and control. Features 10-point touch, embedded LED indicators, and open API for custom integration. Suitable for room availability, resource status, and building automation dashboards.



8: TELUNIX Glow Powerwisee 15.6-Inch Touchscreen Status Display



Larger 15.6" Full HD Android status display with clear visuals and responsive touch. Includes programmable LED lights for color-coded status indication and open API support. Ideal for control rooms, facility management, and real-time monitoring applications. This model is available in both white and black colors.



4: Windows Touchscreen

TX-TS-W

Telunix Windows Touchscreen — the ultimate all-in-one PC and Tablet PC that delivers full Windows power with lightning-fast touchscreen performance. Now also supporting Linux touchscreen mode and functioning as a versatile Touchscreen Monitor for all industries. One device. Endless possibilities.



Multiple Sizes

Available in 10", 15.6", and 21.5" — fits any space and application.



High-Brightness Panel

Up to 500 cd/m² brightness for clear visibility even in well-lit environments.



Intel Performance

Choose from 12th Gen i3/i5 or Celeron CPUs — fast processing for all tasks.



Capacitive Touch

G+G 10-point multi-touch, anti-glare, 6-7H hardness for daily durability.



Rich Connectivity

RJ45, USB 3.2, RS232, HDMI, VGA, Wi-Fi 6, Bluetooth 5.0+, and GPIO.



Windows + Linux

Pre-installed with Windows 11/10 IoT or Linux — flexible & future-proof.



Retail Interactive Displays

Large touchscreen for product catalogs or virtual try-ons. i5 ensures fast interactions.



Corporate Conference Hubs

Fixed touchscreen for presentations or video calls. i5 supports multitasking and clear graphics.



Healthcare Kiosks

Stationary check-in or info display for hospitals. i5 runs EHR systems reliably.



Industrial Control Rooms

Large monitor for multi-stream data dashboards. i5 handles heavy workloads.



Public Information Kiosks

Interactive station for maps or ticketing in high-traffic areas. i5 delivers robust performance.

1: Telunix Celeron 10 – Inch All-In-One PC

The Telunix 10-inch All-in-One PC features a bright capacitive touchscreen, Intel J6412 processor, and support for Windows 11 IoT or Linux. It offers Wi-Fi, Bluetooth, a 2MP camera, and a durable 1.95kg design for kiosks, POS, and digital signage. Powered by a 12V adapter, it meets FCC, CE, and RoHS standards.



2: Telunix Celeron 15.6 – Inch All-In-One PC

The Telunix 15.6-inch All-in-One PC has a Full HD anti-glare touchscreen, Intel J6412 CPU, and supports Windows 10 IoT or Linux. It includes Wi-Fi, Bluetooth, dual Ethernet, a 2MP camera, and weighs 3.3kg. Ideal for kiosks, POS, and digital signage, with FCC and CE certification.

3: Telunix Celeron 21.5 –Inch All-In-One PC

The Telunix 21.5-inch All-in-One PC has a Full HD anti-glare touchscreen, Intel J6412 CPU, and runs Windows 10 IoT or Linux. It features dual Gigabit Ethernet, Wi-Fi, Bluetooth, a 2MP camera, and weighs 3.3kg. Ideal for kiosks, POS, and digital signage with FCC/CE certification.



4: Telunix Core i3 10-Inch Touchscreen PC

The Telunix 10-inch Touchscreen PC features a 1280x800 optically bonded display, -10point capacitive touch, and an Intel i1215-3U processor. It supports Windows 11 and Linux for kiosks, healthcare, and interactive displays. VESA 75 mountable, ideal for retail and hospitality.



5: Telunix i3 15.6 –Inch All-In-One Touchscreen PC

The Telunix 15.6-inch All-in-one Touchscreen PC features a Full HD (1920x1080) optically bonded display with anti-glare, 400 cd/m² brightness, and -10point capacitive touch. Powered by an Intel i1215-3U processor, it supports Windows 11 and Linux for restaurant kiosks, retail, and digital signage. With VESA 100 mounting and a lightweight 2.9kg design, it delivers durable, high-clarity performance.



6: Telunix i3 21.5 –Inch All-In-One Touchscreen PC

The Telunix 21.5-inch Touchscreen PC has a Full HD optically bonded display with -10point capacitive touch and an Intel i1215-3U processor. It runs Windows 11 or Linux, features dual Ethernet and VESA 100 mounting. Ideal for kiosks, signage, and self-service terminals.



7: Telunix i5 10-Inch Self-Service Kiosk Touchscreen

The Telunix 10-inch Self-Service Kiosk Touchscreen features a 1280x800 optically bonded display with 500 cd/m² brightness and -10point capacitive touch. Powered by an Intel i235-5U processor, it supports Windows 11 and Linux for POS, education, and interactive signage. With VESA 75 mounting and robust connectivity, it's ideal for demanding retail and self-service kiosk environments.



8: Telunix i5 15.6 -Inch Self-Service Kiosk Touchscreen

The Telunix 15.6-inch Kiosk Touchscreen has a Full HD optically bonded anti-glare display with -10point touch and an Intel i235-5U processor. It runs Windows 11 or Linux for self-checkout, fast food kiosks, and digital signage. VESA 100 mountable, ideal for retail and commercial use.



9: Telunix i5 21.5 -Inch Self-Service Kiosk Touchscreen

This 21.5-inch self-service kiosk features a Full HD display with 400cd/m² brightness and optically bonded -10point capacitive touch for exceptional durability (>6H hardness). Powered by an Intel® i-5 1235U processor, 8GB DDR4 RAM, and 256GB NVMe SSD, it delivers high performance for demanding commercial applications. Ideal for digital signage, self-checkout, and healthcare kiosks, it supports Windows 11 and Linux with VESA 100 mounting.



Amazing accessories to complete your perfect kiosk touchscreen computers.

The Touchscreen Computers offers a wide assortment of optional peripherals such as magnetic card swipe, RFID/NFC readers and barcodes that enables flexibility for rigorous use in continuous public use for fitness consoles, system terminals, retail e-catalog, employee access control, corporate check in, restaurant self ordering, hotel check in, etc.



1D Barcode Reader
BC100-NEW



2D Barcode Reader
BC200-ZEB



RFID
NEBA1703 PART#E002



Table Mount
FIX-027



Table Mount
FIX-027



Table Mount
FIX-028



Table Mount
FIX-030



Metal Desktop Stand



Desktop Kiosk Stand



Floor Stand



Wall Mount
WM015012S



1: 32-Inch All-in-One Android Touchscreen Signage

Touchscreen Signage Android

Product Information

- G + G 10 Point Capacitive with Anti-Glare
- Finger Touch
- Android 15 with Octacore Processor
- Support Debian12
- 802.11 a/b/g/n/ac/ax WiFi6 2.4GHz & 5GHz (Three antenna)



2: 32-Inch Anti-Glare Self-Service Kiosk Touchscreen Touchscreen Signage i5

Product Information

- G + G 10 point capacitive with Anti-Glare
- Fast Sensitive Response
- Windows 11 64 bit / Linux 64 bit
- Bluetooth 5.0
- Wi-Fi: 802.11a/b/g/n/ac/ax (PreStandard)



3: 32-Inch Digital Signage Display Touchscreen Signage Celeron

Product Information

- G + G 10 point capacitive with Anti-Glare
- Fast Sensitive Response
- Windows 11 64 bit / Linux 64 bit
- Bluetooth 4.0
- IEEE 802.11a/b/n/ac, Wi-Fi compliant



4: 32-Inch indefinite Touchscreen Monitor Touchscreen Monitor

Product Information

- G + G 10 Point Capacitive
- Finger Touch
- Anti-Glare/Anti-Fingerprint
- Support Android, Windows and MAC OS
- 2 x 5W Speaker



5: 32-Inch Interactive Kiosk Touchscreen Signage i3

Product Information

- G + G 10 point capacitive with Anti-Glare
- Fast Sensitive Response
- Windows 11 64 bit / Linux 64 bit
- Bluetooth 5.0
- Wi-Fi: 802.11a/b/g/n/ac/ax (PreStandard)



6: 43-Inch All-in-One Android Touchscreen Signage

Touchscreen Signage Android

Product Information

- G + G 10 Point Capacitive with Anti-Glare
- Finger Touch
- Android 15 with Octacore Processor
- Support Debian12
- 802.11 a/b/g/n/ac/ax WiFi6 2.4GHz & 5GHz (Three antenna)



7: 43-Inch Anti-Glare Self-Service Kiosk Touchscreen

Touchscreen Signage i5

Product Information

- G + G 10 point capacitive with Anti-Glare
- Fast Sensitive Response
- Windows 11 64 bit / Linux 64 bit
- Bluetooth 5.0
- Wi-Fi: 802.11a/b/g/n/ac/ax (PreStandard)



8: 43-Inch Digital Signage Display

Touchscreen Signage Celeron

Product Information

- G + G 10 point capacitive with Anti-Glare
- Fast Sensitive Response
- Windows 11 64 bit / Linux 64 bit
- Bluetooth 4.0
- IEEE 802.11a/b/n/ac, Wi-Fi compliant



9: 43-Inch indefinite Touchscreen Monitor

Touchscreen Monitor

Product Information

- G+G 10 Point Capacitive
- Finger Touch
- Anti-Glare/Anti-Fingerprint
- Support Android, Windows and MAC OS
- 2 x 5W Speaker



10: 43-Inch Interactive Kiosk Touchscreen Signage i3

Product Information

- G + G 10 point capacitive with Anti-Glare
- Fast Sensitive Response
- Windows 11 64 bit / Linux 64 bit
- Bluetooth 5.0
- Wi-Fi: 802.11a/b/g/n/ac/ax (PreStandard)



6: Mobile Computer

TX-RM-C

Telunix Mobile Computers are enterprise-grade handheld devices available in 5.5" and 10" sizes. Powered by Android, they feature a vibrant HD touchscreen, integrated 2D barcode scanner, and rugged design to boost workforce efficiency across retail, logistics, and industry.

1: Telunix 5.5-Inch

Rigel Mobile

The advertisement features a hand holding a black Telunix 5.5-inch mobile computer. The screen displays a white interface with various icons and a map. To the right of the device, the text 'Telunix 5.5" Mobile Computer' is prominently displayed, followed by the tagline 'Compact. Powerful. Connected.' Below this, four feature boxes are arranged horizontally: 'HD 5.5" Display' with '720 x 1440 Resolution', 'Octa-Core Speed' with '2.4GHz/5Schz', 'Fast Connectivity' with 'Wi-Fi 6 & 5.1', and 'Rugged Design' with 'Multiple Button for your Convenlance'.

Telunix enterprise-grade 5.5" mobile computer combines a vivid HD+ touchscreen with a powerful octa-core processor and Android 13. It features an integrated high-speed 2D barcode scanner and rugged IP65 dust/water-resistant design for demanding retail, logistics, and industrial environments. Fast wireless connectivity (dual-band Wi-Fi, Bluetooth, NFC) and a user-swappable 12-hour battery with rapid charging keep your workforce productive all day. The device includes expandable storage, STAROS kiosk mode, and remote device management (MDM) for easy deployment and control.



5.5" HD+ display

720×1440, multi-touch, vivid colors for single-hand use



octa-core performance

fast app execution & seamless Android 13 multitasking



2D barcode scanner

high-speed scan for inventory, retail & logistics



IP65 rugged

dust-tight & water-resistant, industrial durability



12h battery · swappable

user-replaceable + rapid charging for field shifts



NFC & fast connectivity

contactless payments, Bluetooth 5.0, dual-band Wi-Fi

⚡ 4GB RAM + 64GB storage (expandable) | Android 13 OS | kiosk mode & MDM support

2: Telunix 10.1-Inch

Rigel Mobile

The banner features a central image of the Telunix 10-inch Rugged Mobile Computer, showing both the front screen and the back. The screen displays a map and data. The back shows a camera and a barcode scanner. The banner is divided into three main sections: UNCOMPROMISING POWER, Telunix 10-inch Rugged Mobile Computer, and SUPERIOR VISUALS & CONNECTIVITY. The UNCOMPROMISING POWER section lists: QUADCORE 2.4GHz Processor, ANDROID 15 CS, 4GB RAM / 64GB ROM, and Expandable to 128GB. The SUPERIOR VISUALS & CONNECTIVITY section lists: 101 Rich FULL MO Multi-Touch Overlay, 6MP Front & 8MP Rear Camera with FLASH, Dual-Band W141 (2.4GHz/5GHz), and Bluetooth 3.3.

Telunix Rigel 10" mobile computer offers a spacious 10.1" Full HD multi-touch display, a quad-core processor, Android 13, 4 GB RAM and 64 GB storage (expandable up to 128 GB via TF). It is built for demanding environments with a fall-proof design (up to 120 cm), optional 2D barcode scanner, LF/HF/UHF RFID, fingerprint sensor, and reliable wireless connectivity (Wi-Fi, Bluetooth 4.2). A powerful 12 000 mAh battery with detachable design keeps your workforce productive all day, and the device operates in extreme temperatures (−40 °C to 70 °C). Telunix STAROS kiosk lockdown, STARCONTROL remote device management, and STAR Tool demo APK provide added security, easy deployment, and operational efficiency for retail, logistics, healthcare, and warehousing.

7: Outdoor TOUCH SCREEN

The Telunix Outdoor Touchscreen is an IP65-rated, industrial-grade solution with a high-brightness display and a 6H scratch-resistant glass surface. It delivers seamless touch response, even when wet or used with gloves, ensuring reliable operation in demanding environments. Designed for durability, the dust- and water-resistant front panel makes it ideal for both indoor and outdoor public use. Cost-effective and robust, it is the perfect choice for system integrators needing a dependable all-weather touchscreen.

TX-TS-O



1000 nits brightness

Exceptional color & visibility outdoors



IP65 Rating

Dust-tight & water-resistant front glass



Scratch & Oil Resistant

Fingerprint & scratch protection



Adjustable Mounts

Optional external mounting brackets



Touch on Water

Works with water spills & latex gloves



6H Hardness Glass

6H scratch-resistant, withstands demanding use

1: Telunix CT576

Outdoor Touchscreen



10-Inch TELUNIX
Outdoor Touchscreen

15.6-Inch TELUNIX
Outdoor Touchscreen

21.5-Inch TELUNIX
Outdoor Touchscreen

2: Telunix J6412

Windows Outdoor Touchscreen



TELUNIX 10-Inch Outdoor Touchscreen



TELUNIX 15.6-Inch Outdoor Touchscreen



TELUNIX 21.5-Inch Outdoor Touchscreen

3: Telunix i3

i3 Windows Outdoor Touchscreen



Telunix 10-Inch i3 Windows Outdoor Touchscreen Display



Telunix 15-Inch i3 Windows Outdoor Touchscreen Display



Telunix 21-Inch i3 Windows Outdoor Touchscreen Display

4: Telunix i5

i5 Windows Outdoor Touchscreen



Telunix 10-Inch i5 Windows Outdoor Touchscreen Display



Telunix 15-Inch i5 Windows Outdoor Touchscreen Display



Telunix 21-Inch i5 Windows Outdoor Touchscreen Display

5: Telunix Touchscreen Monitor



Telunix 15.6" Outdoor Touchscreen Monitor



Telunix 21" Outdoor Touchscreen Monitor

8: Double-Sided Battery Poster – Outdoor

TX-DS-BP-O

Telunix offers a range of outdoor battery-powered digital displays: double-sided, A-board foldable, and vertical poster models. All feature high brightness (up to 2500 nits), IP65 weather protection, and 14–35 hours of battery life. They run on Android with cloud CMS, are wheeled for easy mobility, and include impact-resistant screens (IK10) for rugged outdoor advertising. Perfect for pop-up events, storefronts, and high-traffic public spaces.



1: Outdoor Double-sided Battery Poster

1. Double-sided 43-inch 1080P HD Display
2. High-capacity 120AH Battery with 14–35H Playtime
3. Sunlight Readable with 1500nits High Brightness Screen
4. Outdoor-ready Design with IP65 Waterproof Protection
5. Movable Design with Industrial Castors (Wheels)
6. Android OS & Built-in WiFi and Bluetooth
7. USB Plug and Play & CMS Cloud Remote Control

Outdoor Double-Sided Battery Display

ECO43RFA8 · Dual-Face 1080P · All-Weather 360° Impact



Dual-Side 1080P

Two 43" Full HD panels ·
360° audience coverage



120Ah Battery

14–35 hours runtime ·
cable-free autonomy



1500 nits Brightness

Sunlight readable · vivid
visibility outdoors



IP65 + IK10

Waterproof, dust-tight &
vandal-resistant glass



Ultimate Mobility

Industrial castors +
locking wheels · easy
repositioning



Smart Connectivity

Android, WiFi/BT, cloud
CMS remote control



2: Outdoor Portable Battery Digital A Board

- 1. Screen Size Options: 43" | 49"
- 2. Battery Powered System & 16–35 Hours Battery Playtime
- 3. Sunlight Readable with 1500 nits & 2500 nits High Brightness Screen
- 4. Outdoor Application with IP65 Waterproof & Dustproof Enclosure
- 5. Portable Design with Industrial Castors and Easy Grip Handle
- 6. IPS A+ Commercial Grade Panel with Ultra Wide Viewing Angle
- 7. Built-in Android OS & Cloud CMS Remote Control Support



Screen Size Options

43" or 49" · perfect fit for any location



16–35H Battery Life

All-day cordless operation · energy efficient



1500 / 2500 nits

Sunlight readable · brilliant visibility any time



IP65 Certified

Waterproof & dustproof · all-weather outdoor use



Portable Design

Industrial castors + easy-grip handle · effortless mobility



IPS A+ Panel

Ultra-wide viewing angle · vivid colors from any side



Portable – Castors + Handle

Battery Powered
16—35h Runtime

1500 / 2500 nits
Sunlight Readable



43" | 49"
Screen Options



Battery Powered
16—35h Runtime



1500 / 2500 nits
Sunlight Readable



IP65 & IK10
Waterproof & Dustproof



Android OS
Cloud CMS Remote Control

3: TELUNIX Outdoor Portable Battery Powered Digital Poster

Portable Battery-Powered High Brightness Digital Signage Solution. TELUNIX high brightness outdoor portable battery powered digital poster (battery digital signage) adopts sunlight readable screen and fully portable solution for any space. TELUNIX high brightness outdoor portable battery powered digital poster (battery digital signage) can display content all day and night from a single charge.



1080p Full HD

Crisp, vivid details ·
1920×1080 resolution



2500 cd/m² Brightness

Sunlight readable ·
outstanding visibility outdoors



IPS Commercial Panel

Ultra-wide viewing angle ·
accurate colors from any side



15H Battery Playtime

All-day operation on single
charge · cable-free



IP65 Weatherproof

Dust-tight & water jet resistant
· all-season reliable



Cloud CMS + Android

Remote content management ·
WiFi & BT ready



9: Solar Powered Battery Board

TX-SP-BB

1. Screen Size: 43"
2. Solar Power & High Performance Solar Energy Conversion System
3. Built-in Battery & 16 Hours Battery Playtime without Sunlight
4. Sunlight Readable with 1500 nits High Brightness Screen
5. Outdoor Application with IP65 Waterproof & Dustproof Enclosure
6. Portable Design with Industrial Castors and Easy Grip Handle
7. IPS A+ Commercial Grade Panel with Ultra Wide Viewing Angle
8. Built-in Android OS & Cloud CMS Remote Control Support



Solar Energy System

High-performance photovoltaic conversion · green energy powered



16H Battery Playtime

Works 16+ hours without sunlight · all-day runtime



1500 nits Brightness

Sunlight readable · vivid visibility even in direct sun



IP65 Weatherproof

Waterproof & dustproof · all-weather durability



Portable Design

Industrial castors + easy-grip handle · effortless mobility



Android + Cloud CMS

Remote content management · WiFi & BT ready



7



Transparent Screens

1: Transparent Touch Screen

TX-TS-T



The Telunix Transparent Touch Screen delivers an ultra-high transparency of up to 85% with 5500 nits brightness, ensuring vivid content without blocking the view. Its 20-point capacitive touch provides smooth, precise interaction for retail, museum, or lobby use. Powered by Android 8.0 with 3GB RAM and 16GB ROM, it supports cloud CMS and wireless control. The ultra-slim, lightweight design (under 5kg/m²) allows front or rear maintenance, making installation and servicing effortless. Ideal for high-traffic commercial environments, it combines durability, see-through aesthetics, and smart connectivity in one elegant solution.



Transparent Touch Screen

TX-TS-T | Ultra-see-through interactive display



Ultra-High Transparency

>70% see-through ratio · blends seamlessly with any interior



3GB RAM + 16GB ROM

Fast multitasking · generous storage for apps & media



20-Point Multi-Touch

Capacitive touch · ultra-responsive & precise gesture control



55" Large Capacitive Screen

Immersive display ideal for retail, museums & lobbies



Android 8.0 OS

Robust & customizable · smooth app integration



Cloud CMS + Dual 10W Speakers

Remote content management · built-in Wi-Fi/BT & immersive audio

FEATURE	DESCRIPTION
Screen Size & Transparency	55" diagonal, ultra-high transparency (>70% see-through ratio) with authentic color reproduction.
Multi-Touch Technology	Capacitive touch panel supporting up to 20 simultaneous touch points for fluid, precise interaction.
Operating System & Memory	Android 8.0 with 3GB RAM + 16GB ROM; compatible with Windows (plug-and-play).
Integrated Audio	Built-in dual 10W speakers, Wi-Fi, Bluetooth, and multiple I/O ports for external devices.
Multilingual Support	Pre-installed multiple languages, ideal for international retail, museums, airports, and hotels.
Outdoor & Commercial Grade	Designed for high-traffic environments: shopping malls, boutiques, art galleries, hospitals, and corporate lobbies.

2: C Series Indoor Transparency LED Screen

TX-CS-IT-LED

The Telunix C Series Indoor LED Screen is an ultra-lightweight transparent display (as low as 12kg/m²) with 57-80% transparency, preserving natural indoor lighting. It offers high brightness up to 4500 cd/m², wide 140° viewing angles, and flexible pixel pitches (3.9mm to 12.5mm) for rental or fixed installations. Ideal for shop windows, stage effects, and trade shows, it features easy mounting, low average power (240-280W/m²), and IP20 protection for indoor use. Available in both indoor and outdoor versions, with smart system control and durable constant-current driving.



Ultra-High Transparency

Up to 85% see-through ratio · preserves natural light & aesthetics



High Brightness

Up to 5500 nits · sunlight readable, vivid even in bright spaces



Ultra-Slim & Lightweight

3mm-10mm thickness · <5kg/m² — effortless mounting on glass



Wide Viewing Angle

160° horizontal / 160° vertical · consistent colors from any side



Easy Maintenance

Modular design & front/rear service · reduces downtime



Smart Cloud CMS

Wi-Fi / BT / cloud remote control · real-time content updates



Telunix C Series Indoor Transparent LED Screen

Models LD13C, LD17C, LD10C



Ultra-Lightweight
12kg/m²



High Transparency
57-80% See-Through



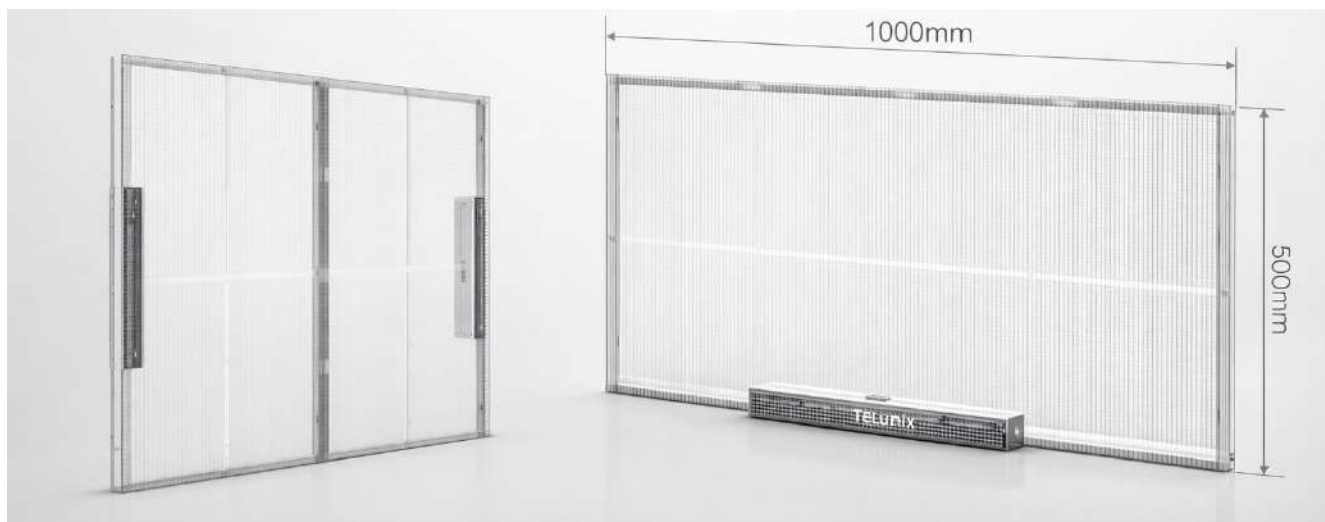
High Brightness
Up to 4500 nits



Easy Installation
& Smart Control



Energy Efficient
Low Power Consumption



FEATURE	TXI3C (INDOOR)	TXI7C (INDOOR)	TXI10C (INDOOR)	TXI12C (OUTDOOR)
Pixel Pitch (mm)	3.91 × 7.81	7.81	10.41	12.5
Cabinet Size (mm)	500 × 1000	500 × 1000	500 × 1000	500 × 1000
Cabinet Resolution (px)	128 × 128	64 × 128	48 × 96	40 × 80
Brightness (cd/m ²)	4,500	4,500	4,500	400
Average Power (W/m ²)	240	280	280	280
Max Power (W/m ²)	800	800	800	800
Refresh Rate (Hz)	1920	1920	1920	1920
Viewing Angle (H/V)	140° / 140°	140° / 140°	140° / 140°	140° / 140°
Drive Mode	Constant Current	Constant Current	Constant Current	Constant Current
Working Voltage (AC)	105V-240V, 50/60Hz	105V-240V, 50/60Hz	105V-240V, 50/60Hz	105V-240V, 50/60Hz
Protection Class (IP)	IP20 (Indoor)	IP20 (Indoor)	IP20 (Indoor)	IP65 (Outdoor)
Operating Temperature	-10°C ~ +40°C	-10°C ~ +40°C	-10°C ~ +40°C	-10°C ~ +40°C
Operating Humidity	10%-90% non-condensing	10%-90% non-condensing	10%-90% non-condensing	10%-90% non-condensing
Key Advantage	12kg/m. ² 57%-80% transparency · easy installation	12kg/m. ² 57%-80% transparency · smart control	12kg/m. ² 57%-80% transparency · flexible mounting	12kg/m. ² 57%-80% transparency · weather-resistant

3: Transparent Monitor

TX-TM-LCD

The Telunix Transparent LCD Monitor is an eye-catching transparent box with a built-in light source, maximizing retail impact. It supports video and music playback via a media board, ideal for dynamic ads and interactive exhibits. A simple on/off switch on the back ensures easy power control. Its external illumination system (using ambient light) significantly reduces power consumption, making it energy-efficient for continuous use. Perfect for product showcases or brand promotions, it turns any surface into a high-impact digital canvas while maintaining a sleek, see-through design.



High transmittance
and clarity



High quality
LED backlight



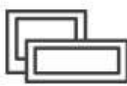
Wide operating
temperature



Low power
consumption



User friendly



General monitor &
Bar type monitor
available



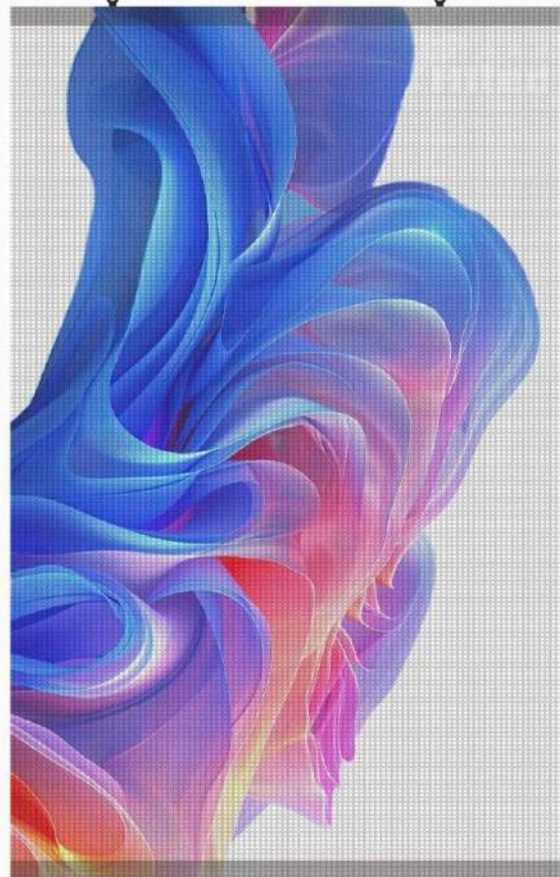
Various sizes
(7 inches to 75 inches)



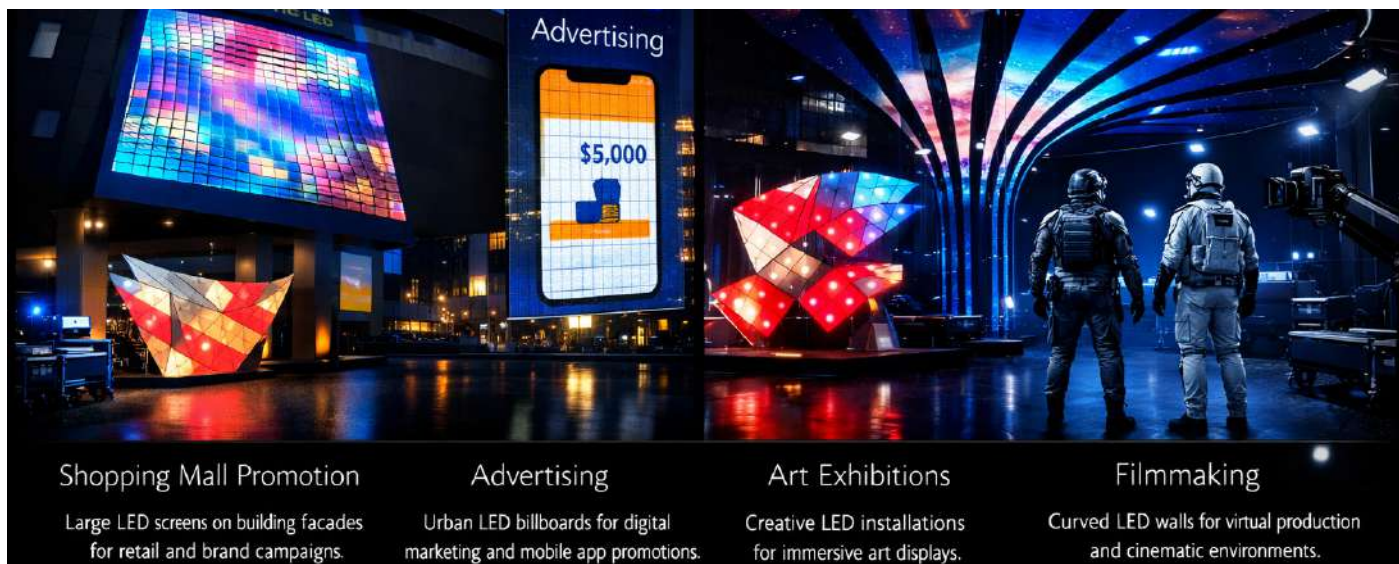
4: TX3D Hanging

The Telunix TX3D Hanging Holographic Transparent Screen features a sleek, minimalist cabinet with separated lamp and driver technology, ensuring even heat dissipation for stable, low-temperature operation and preventing brightness loss. Its lightweight, high-transmittance design reduces hanging load and delivers vivid, clear visuals, ideal for stages, showrooms, and shop windows. With easy modular splicing and a high refresh rate, this screen offers flexible installation and smooth, high-impact imagery.

TX-HG-H3D



-  High Transparency & Vivid Color
-  Lamp-Driver Separation
Stable & Cool
-  Ultra-Lightweight Structure
-  Modular Splicing
Seamless Expansion
-  High Refresh Rate
Smooth Visuals
-  Perfect for Film & Virtual Production

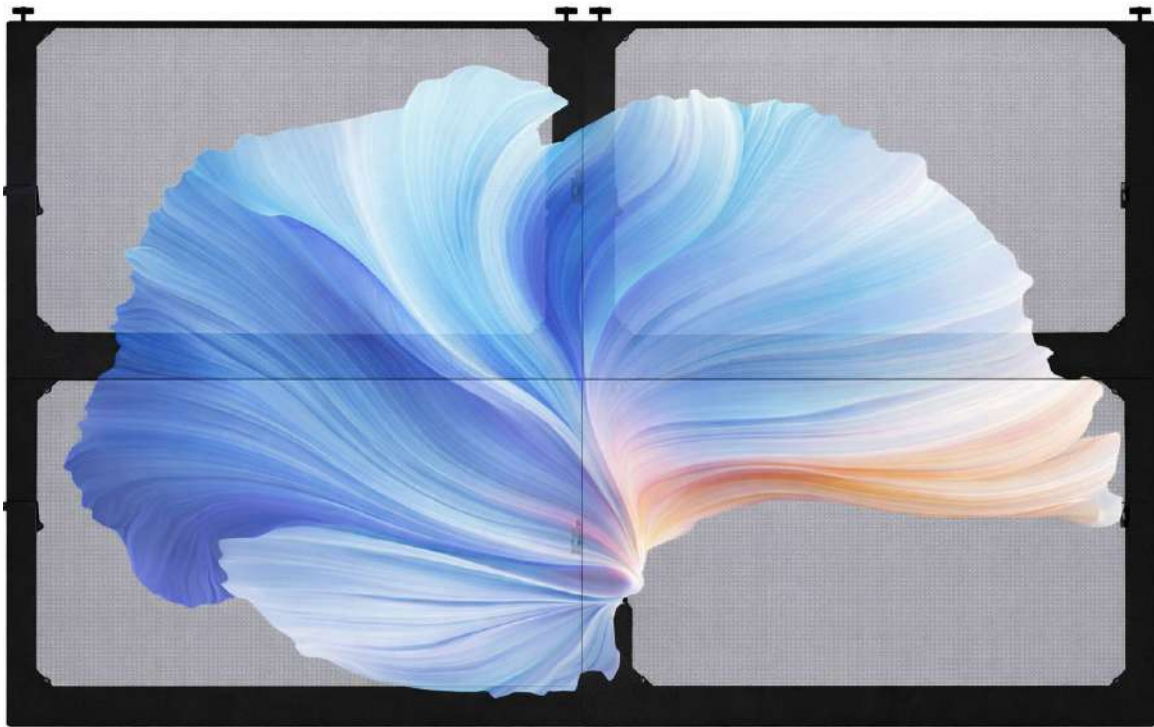


FEATURE / MODEL	TX3D-P2.6	TX3D-P3.91	TX3D-P6.25
Pixel Pitch	6.25 mm	3.91 mm	6.25 mm
LED Type	SMD 1415	SMD 1415	SMD 1921
Cabinet Dimensions (W × H × D)	Hx-150: 500 × 1500 × 38 mm	Hx-100: 750 × 1000 × 38 mm Hx-120: 750 × 1200 × 38 mm Hx-150: 750 × 1500 × 38 mm	—
Cabinet Resolution (W × H)	Hx-150: 192 × 576 px	Hx-100: 192 × 256px Hx-120: 192 × 308px Hx-150: 192 × 384px	Hx-150: 120 × 240 px
Module Dimensions (W × H)	Hx-150: 250 × 1500 mm	Hx-100: 250 × 1000mm Hx-120: 250 × 1200mm	—
Module Resolution (W × H)	Hx-150: 96 × 576px	Hx-100: 64 × 256px Hx-120: 64 × 308px Hx-150: 64 × 384px	Hx-150: 40 × 240 px
Physical Transparency	20%	35%	32%
Brightness (nit/m ²)	≤3500	≤3200	≤3200
Cabinet Weight	5.2 kg (typical cabinet, depends on size variant)		
Refresh Rate	3840 – 7680 Hz		
Color Temperature	3000K – 10000K		
Ingress Protection	IP40		
Max. Power Consumption	350 W/m ²		

5: TX1C Hanging

TX-HG-H1C

Telunix presents its Outdoor Transparent Rental Screen – a premium display product that redefines outdoor advertising and large-scale showcases. Combining outstanding transparency with high-brightness performance, it ensures vivid visuals even in direct sunlight or harsh weather. Built for flexible rental scenarios, it is widely used in commercial displays, media events, and venues, breaking traditional display limits and unlocking new levels of creativity and interactivity.



H01C Transpant LED Screen

- High Transparency
- 5500 Nits Brightness
- Ultra Thin Design
- Energy Efficient

Film Production

Commercial Ads

Building Displays

FEATURE	DESCRIPTION
Product Model	TX1C-P3.91
Pixel Pitch	3.91 mm
LED Type	COB (Chip on Board)
Cabinet Dimensions (W × H × D)	1000 × 500 × 66 mm
Display Dimensions (W × H)	1000 × 500 mm
Display Resolution (W × H)	256 × 128 pixels
Module Dimensions (W × H)	500 × 125 mm
Module Resolution (W × H)	128 × 32 pixels
Cabinet Weight	12 kg
Brightness	≤5000 nit/m²
Refresh Rate	3840 – 7680 Hz
Color Temperature	3000 K – 10000K (adjustable)
Ingress Protection (IP)	IP65 (dust-tight, water-resistant)
Max. Power Consumption	600 W/m²
Avg. Power Consumption	240 W/m²
Physical Transparency	35%
Input Voltage	AC 90 ~ 240 V (wide range)
Operating Environment	-20°C ~ 50°C, 0% – 80% RH (non-condensing)
Cabinet Material	Aluminum (lightweight, corrosion-resistant)
Installation Method	Fixed Installation (wall / structural mount)

6: TX5C Hanging

TX-HG-H5C

The Telunix holographic transparent advertising display combines high-transmittance materials with a self-developed driving system to deliver exceptional brightness, low-temperature operation, and accurate color reproduction for stunning HD visuals. Its all-in-one design offers a sleek, modern appearance that integrates seamlessly into diverse commercial spaces. Fully customizable in size and content, the display is easy to operate and maintain. It naturally blends digital imagery with physical backgrounds, creating an immersive visual experience – ideal for premium advertising scenarios such as malls, showrooms, and brand counters.



H05C Hanging Transparent Display

-  Sleek All-in-One Design
-  High Brightness HD Visuals
-  Customizable & Easy Maintenance

Immersive Advertising for Malls, Showrooms, Brand Counters



High Transmittance



High-Brightness
FIO Systems



Customizable &
Easy Reassembly

FEATURE	DESCRIPTION
Product Model	TX5
Pixel Pitch	3.91 mm
Cabinet Dimensions (W × H × D)	1006 × 2500 × 90 mm
Pixels Per Cabinet (W × H)	256 × 512 pixels
Module Dimensions (W × H)	1000 × 250 mm
Module Resolution (W × H)	256 × 64 pixels
Physical Transparency	35%
Brightness	≥ 3500 nit/m ²
Weight (per cabinet)	36 kg
Maximum Power Consumption	900 W/pcs
Average Power Consumption	360 W/pcs
Controller Card System	Novastar, Colorlight, Sysolution, Mooncell
Mounting Type	Floor standing, Hanging, Curved assembly (±15°)

7: TX1C Rental

TX-R-HG-H1C

The Telunix outdoor transparent rental screen is a premium display product designed for outdoor advertising and large-scale showcases. It features excellent transparency and high brightness, ensuring outstanding visuals even in direct sunlight or harsh weather. With flexible rental options, it is widely used in commercial displays, advertising media, and event venues – breaking traditional display boundaries and unlocking creativity and interactivity.

FEATURE	DESCRIPTION
Product Model	TX1C-P3.91
Pixel Pitch	3.91 mm
LED Type	COB (Chip on Board)
Cabinet Dimensions (W × H × D)	1000 × 500 × 66 mm
Display Dimensions (W × H)	1000 × 500 mm
Display Resolution (W × H)	256 × 128 pixels
Module Dimensions (W × H)	500 × 125 mm
Module Resolution (W × H)	128 × 32 pixels
Cabinet Weight	12 kg
Brightness	≤5000 nit/m²
Refresh Rate	3840 ~ 7680 Hz
Color Temperature	3000 K ~ 10000K (adjustable)
Ingress Protection (IP)	IP65 (dust-tight, water-resistant)
Max. Power Consumption	600 W/m²
Avg. Power Consumption	240 W/m²



8: TX5C Poster

TX-HG-H5CP

Telunix presents a holographic transparent advertising display that combines high-transmittance materials with a proprietary driving system. It delivers high brightness, low-temperature operation, and accurate color reproduction for stunning HD visuals. The all-in-one design is sleek, customizable, and easy to maintain, blending digital content seamlessly with physical backgrounds. Ideal for malls, showrooms, brand counters, museums, and airports.

FEATURE	DESCRIPTION
Product Model	TX5
Pixel Pitch	3.91 mm
Cabinet Dimensions (W × H × D)	1006 × 2500 × 90 mm
Pixels Per Cabinet (W × H)	256 × 512 pixels
Module Dimensions (W × H)	1000 × 250 mm
Module Resolution (W × H)	256 × 64 pixels
Physical Transparency	35%
Brightness	≥ 3500 nit/m²
Weight (per cabinet)	36 kg
Maximum Power Consumption	900 W/pcs
Average Power Consumption	360 W/pcs
Controller Card System	Novastar, Colorlight, Sysolution, Mooncell
Mounting Type	Floor standing, Hanging, Curved assembly (±15°)



8



Mobile Stands

1: TXA100 Movable Stand

TX100

Movable Stand (Model: TXA 100)

Material: SPCC (steel) with die-casting construction; durable and sturdy.

Design options: 4 unique designs including all-in-one stand, equipment tray, and wall mount for large screens (60"–105").

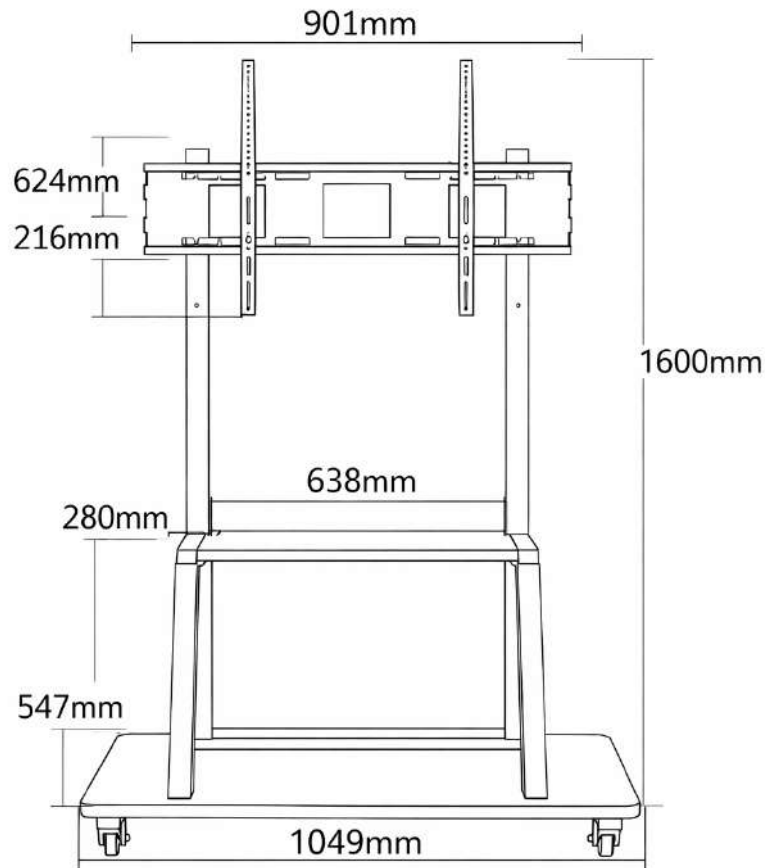
Adjustability: Manual height adjustment; omni-directional swivel casters with brakes.

Capacity: 150 kg total load; equipment tray holds up to 20 kg.

Dimensions (approx.): Height up to 1600 mm, base width 901 mm, tray size 624×280 mm, mount spacing 547×1049 mm.

Color: Black.





2: Kiosk Stand Series

TX-KSS-100

4 Unique Designs, Strong & Sturdy

Mobile Stand (Model: T100)

Compliance: VESA standard (mount range 20×20 – 100×60 cm)

Compatible screens: 75"–120" touchscreens

Max load: 136.4 kg

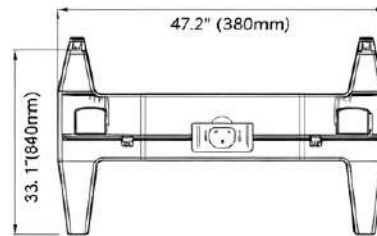
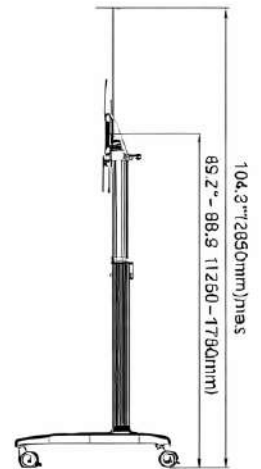
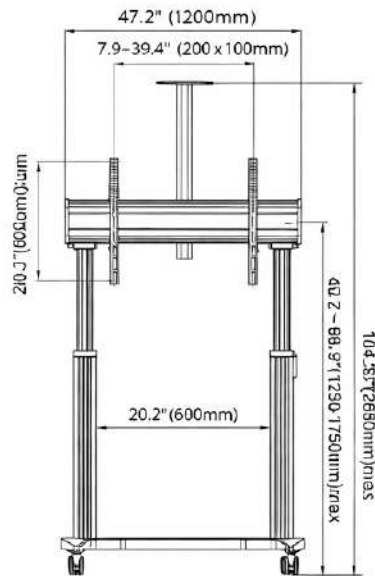
Material: Aluminum alloy

Adjustability: Height range 125–175 cm; height-adjusting menu on column

Control: Supports IR remote control

Wheels: 4 rubber wheels with brakes

Base dimensions: 125 × 84 cm



Kiosk stands for 19~32 inches

Color: Black/white backed painting

Dimension: 440L * 400W * 933H mm

Material: Metal Plate with powder baked painting coating.

It can hold touch screen sizes from 19~32

The overall outlook is shown as 45 degrees slope design

There is a locker behind the stand for placing industrial-grade mini



Kiosk stands for 43~55 inches

Color: Black backed painting

Dimension: 470L * 440W * 1012H mm

Material: Metal Plate with powder baked painting coating

It can hold touch screen size with 43" & 55

The overall outlook is shown as 45 degrees slope design

There is a locker behind the stand for placing industrial-grade mini



Kiosk stands for 55~86 inches

Color: Black backed painting

Dimension: 650L * 1100W * 818.8H mm

Material: Metal Plate with powder baked painting coating.

It can hold touch screen size from 55~86

The overall outlook is shown as 45 degrees slope design

The angle can be adjusted manually

Placed in 45 degrees as a guiding kiosk and in 180 degrees as a touch table



3: Electronic Height adjustable Mobile Stand

TX-EHA-MS

- Sleek design – extra space & free mobility
- Effortless screen height adjustment (up/down)
- Height adjustment range: 1195–1695 mm
- Sturdy mobile base – 4 casters (2 lockable)
- Supports touchscreens up to 180 kg
- VESA compatible – 200×200 to 400×600
- Ergonomic & easy installation
- Durable steel construction
- Great addition to any room



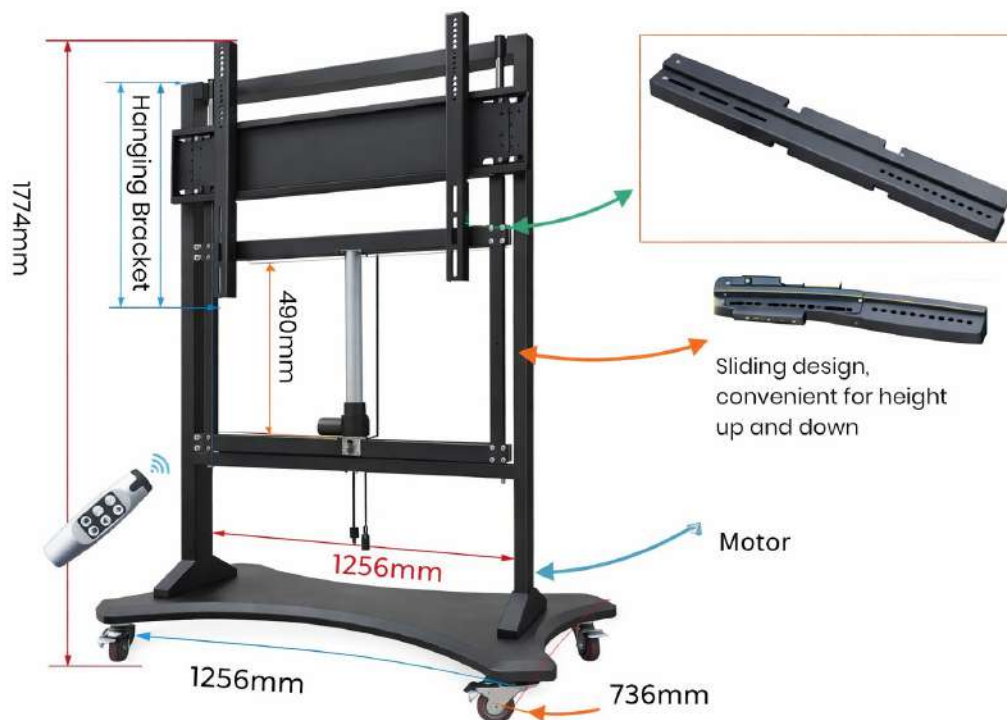


FEATURE	DESCRIPTION
Model	TX-EHA-MS
Lifting Range	1195-1695 mm (Height of lifting column)
Lifting speed	12 mm/s
Bearing	180 KG
Work Environment	-25°C ~ +40°C
Control mode	Wireless remote control
Output Voltage	DC 24V
Input Voltage	AC 240V100-V
Power	30W
Frequency of use	S2-10min
VESA	200x200 mm (min) – 400x600 mm (max)
Material Science	Aviation aluminum and high quality steel

4: Electronic Lifting Stand for IFPD (55"-98")

TX-ELS-55-98

- Made of 40*60mm high quality carbon steel pipe
- Electrostatic spray process, long-term use as new
- 3.0 inch brake wheels, easy for moving
- Motor lifting, convenient and flexible, easy to adjust height with remote control
- for IFPD up to 98 inches

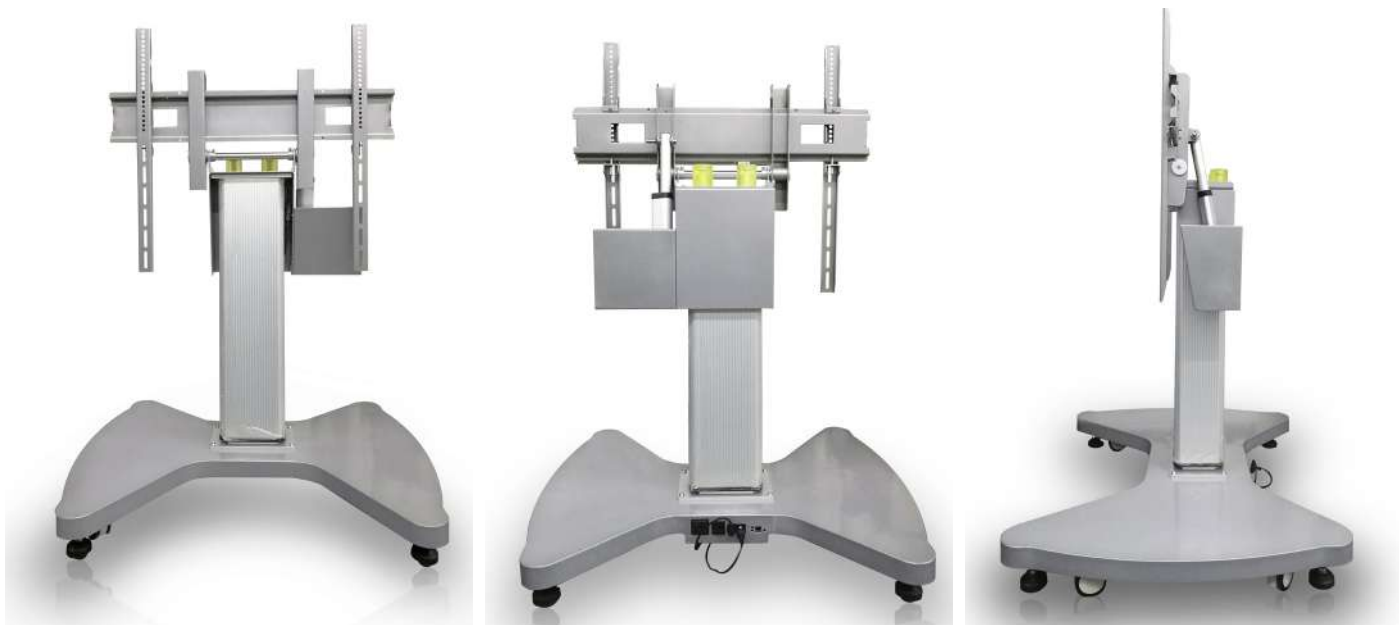


FEATURE	DESCRIPTION
Total Height	1774 mm
Gross Weight	65 kg
Net Weight	57 kg
Carton Size	165 * 101 * 22 cm, 1 set/carton
Carton Material	Export Carton
Adjustment Range	400 mm
Apply for	Up to 98 inch IFPD
Base Size	1256 * 736 mm
Motor Rated Voltage	DC29V
Motor Rated Power	58W
Maximum Load of the Motor	2000N

5: Eletronic Tilt and Rotation adjustable IFPD Stand

TX-IFPD-ETR-A

- ◆ Sleek design for extra space and free mobility
- ◆ Easy screen position adjustment: up, down, tilt, rotate (portrait/landscape)
- ◆ Height adjustable (lift column: 965–1465mm; stand: 1250–1750mm)
- ◆ Sturdy mobile base with 4 casters (2 lockable)
- ◆ Tilt range: 0°–90°, mechanically securable at any angle
- ◆ Supports touchscreens up to 180 kg
- ◆ Universal & VESA compatible (200x200 to 400x600)
- ◆ Ergonomic, easy to install
- ◆ Durable steel construction
- ◆ Great for any room setting



FEATURE	DESCRIPTION
Lifting Range	965-1465 mm (height of lifting column); 1250-1750 mm (height of stand)
Tilt	Anywhere between 90° – 0°
Rotation	90° for portrait & landscape orientations
Lifting speed	12 mm/s
Bearing	180 kg
Work Environment	-25°C ~ +40°C
Control mode	Wireless remote control
Output Voltage	DC 24V
Input Voltage	AC 240V100-V
Power	30W
Frequency of use	S2-10min
VESA	200x200 mm (min) – 400x600 mm (max)
Material Science	Aviation aluminum and high quality steel

6: Eletronic Tilt and Rotation adjustable IFPD Stand

TX-IFPD-ETR-B

- ◆ Sleek design – extra space & free mobility
- ◆ Effortless adjustment – up/down, tilt, rotate (portrait/landscape)
- ◆ Height range – 840–1290 mm (lifting column) / 1190–1640 mm (stand)
- ◆ Sturdy mobile base – 4 casters (2 lockable)
- ◆ Tilt angle – 0° to 90°, mechanically lockable at any position
- ◆ Weight capacity – supports touchscreens up to 180 kg
- ◆ VESA compatible – 200×200 to 400×600 mm
- ◆ Ergonomic & easy installation
- ◆ Durable steel construction
- ◆ Great addition to any room



FEATURE	DESCRIPTION
Lifting Range	840-1290 mm (height of lifting column); 1190-1640 mm (height of stand)
Tilt	Anywhere between 90° – 0°
Rotation	90° for portrait & landscape orientations
Lifting speed	12 mm/s
Bearing	180 kg
Work Environment	-25°C ~ +40°C
Control mode	Wireless remote control
Output Voltage	DC 24V
Input Voltage	AC 240V100-V
Power	30W
Frequency of use	S2-10min
VESA	200x200 mm (min) – 400x600 mm (max)
Material Science	Aviation aluminum and high quality steel

7: IFPD Mobile Stand

TX-IFPD-MS

Compatibility: Supports displays from 55" to 86"

Weight Capacity: Maximum load 200 kg

VESA Compatibility: Standard VESA mounting patterns

Adjustable Height: 1366 mm – 1591 mm

Overall Width: 960 mm

Shelf Size (if applicable): 770 × 350 mm

Net Weight: 40 kg

Gross Weight: 56.2 kg

Packing Dimensions: 1220 × 985 × 230 mm

Material: Thick, high-quality material with fine workmanship



8: 330-L IFP Mobile Stand

TX-IFP-MS-L330

Height Adjustable: 1236 mm – 1412 mm

Product Dimensions (W×D×H): 726 mm × (1236–1412 mm) × 1576 mm (max height)

Disassemblable (Dismantable): Yes – compact packaging for easy transport

Small Volume Package: Space-saving design

Slip-Proof Mats: Prevents slipping and floor damage

Wheels: Optional (customizable)

Color Options: Black White Antique Brass

VESA Compatibility:

100×100, 100×200, 150×150, 200×100, 200×200, 200×300, 200×400,
300×200, 300×300, 400×200, 400×300, 400×400, 600×400, 800×500

Weight Capacity: 80 kg (176 lbs)

Function Testing: Meets parameter requirements at standard load

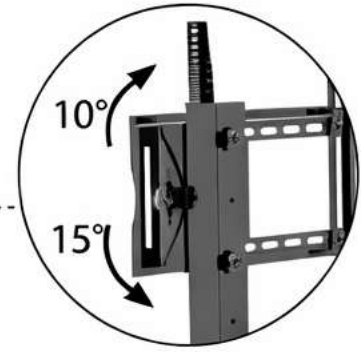
Inclining Test: Passed at standard bearing weight



9: 3110-T IFP Mobile Stand

TX-IFP-MS-T3110

FEATURE	DESCRIPTION
Applicable IFPD Size	42" - 75"
VESA Min. Distance	100 × 100 mm
VESA Max. Distance	800 × 500 mm
Max. Loading Weight	80 kg (196 lbs)
Color Options	Black / Silver
VESA Range Support	100x100 ,200x200 ,400x400 ,600x800 ,400x500 and intermediate patterns
Mobility & Construction	Heavy-duty lockable casters (optional config), durable steel frame, quick assembly



Height Adjustable Design



**Universal Wheel
Brake Adjustment**

10: 3112 IFP Mobile Stand

TX-IFP-MS-3112

FEATURE	DESCRIPTION
Applicable Display Size	"52 – 86"
VESA Min. Hole Pattern	100 × 100 mm
VESA Max. Hole Pattern	800 × 600 mm
Max. Bearing Weight	100 kg (220 lbs)
Available Colors	Black / Silver
Adjustable Height Design	Yes – smooth telescopic adjustment
Mobility & Braking	Universal adjustment with brake wheels (lockable, mute casters)
Material & Durability	Heavy-duty steel, anti-corrosion finish



11: Electronic Height adjustable IWB Mobile Stand

TX-EHA-IWB-MS

Compatible IWB Sizes: 72" – 160"

Material: Steel (4 × 6 cm section, 2 mm thickness)

Net Weight: 75 kg

Gross Weight: 80 kg

Load Capacity: 200 kg

Packaging: 166 × 104 × 30 cm, 1 set per box, 5-layer American card carton

Base Plate Size (X-shape): 1256 × 736 mm

Casters: 3-inch universal brake wheels

Adjustment Mode: Electric lifting with controller adjustment

Assembly Method: Screw fastening

Surface Treatment: Pickling phosphating + electrostatic spray painting

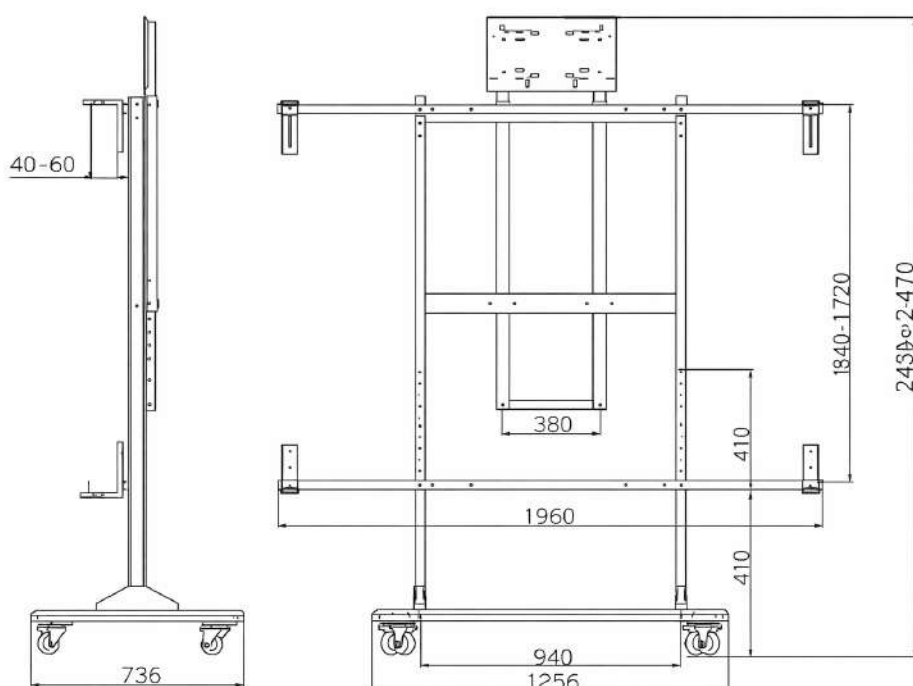
Suitable Places: Office, council hall, exhibition hall, conference hall, etc.

Motor Power: 58 W

Motor Total Height: 540 mm

Motor Vertical Adjustment Range: 400 mm

Motor Lifting Speed: 10 mm/s



12: D Series Interactive Whiteboard Mobile Stand

TX-IW-MS-D

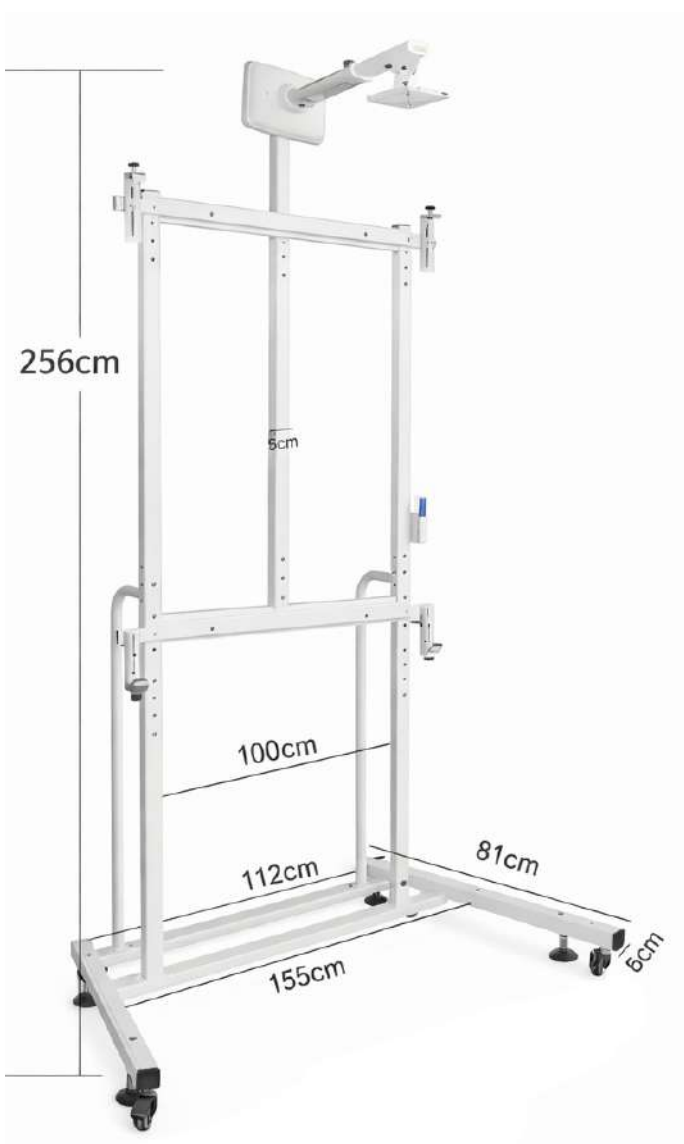
Product Features:

- 1. Designed exclusively for large-screen whiteboards, overcoming the instability of traditional whiteboard bases.
- 2. All components are made of steel tubes of different shapes, ensuring a secure structure and a fashionable appearance.
- 3. Unparallel design with 4 balance legs provides excellent base stability.
- 4. Electrostatic spraying technology delivers superior anti-corrosive performance.
- 5. Compatible with interactive whiteboard sizes up to 120 inches.
- 6. Adaptable to different short-throw projectors based on projector parameters.
- 7. 2.5-inch wheels allow convenient, flexible movement without braking noise.

FEATURE	DESCRIPTION
Net Weight (N.W.)	34.3 kg
Gross Weight (G.W.)	36 kg
Load Capacity	100 kg
Carton Dimension (L×W×H)	201 cm × 17 cm × 23.5 cm
Quantity per Carton (QTY/CTN)	1 set

Additional structural & packing highlights:

- 1. Material: carbon steel (stand consists of 5 different types of tubes).
- 2. Load capacity: 100 kg.
- 3. Net weight: 34.3 kg / Gross weight: 36 kg.
- 4. Overall dimensions: 160 cm × 80 cm × 256 cm.
- 5. Ground clearance: 9.8 cm.

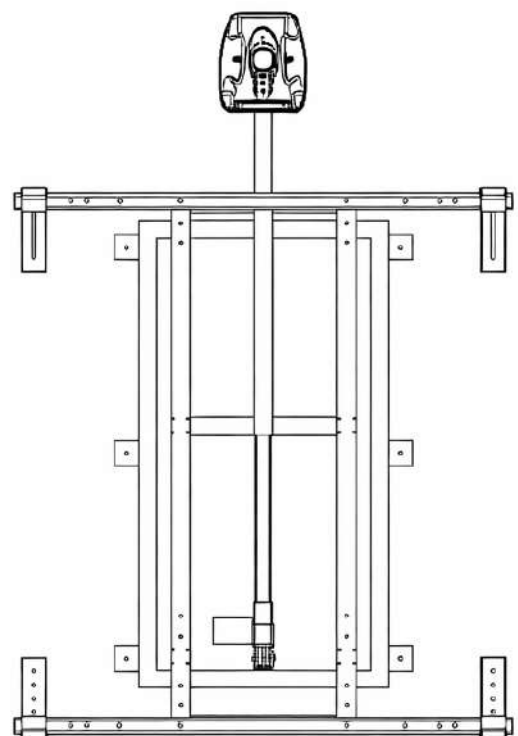


13: Height Adjustment Whiteboard Wall Mount

TX-HA-WWM

Product Features:

- **Electronic height adjustment:** Allows precise vertical positioning of the interactive whiteboard via a controller.
- **Wide compatibility:** Fits IWB (Interactive Whiteboard) sizes from 72 to 160 inches.
- **High load capacity:** Supports a bearing weight of up to 120 kg.
- **Reliable assembly:** Uses screws and fasteners for secure installation.
- **Clean aesthetic:** Finished in white, suitable for meeting rooms, classrooms, and sample rooms.
- **Powerful motor:** 58W motor with a total height of 540 mm.
- **Adjustable motor stroke:** Offers a 400 mm adjustment range.
- **Smooth lifting speed:** Motor lifts at 10 mm/s for controlled movement.
- **Enhanced motor bearing:** Motor itself can bear up to 150 kg.
- **Ultra short-throw projector compatibility:** Includes an adjustment knob and universal projector claws.
- **Adjustable projector arm:** Arm adjustment range from 260 mm to 450 mm.



9



Smart Camera & Speakers

A. Webcam

This Telunix section offers a comprehensive range of high-resolution webcams and a 4K visualizer, spanning from 2K to 4K UHD, equipped with AI technologies such as humanoid tracking, auto-framing, and voice tracking. The collection includes basic 1080p models with built-in speakers and microphones, advanced units with a 110° field of view and 8x digital zoom, as well as a dedicated visualizer for capturing documents in 4K. All feature plug-and-play USB connectivity, some include a built-in privacy shutter and dual streaming output. Together, these products address the needs of video conferencing, remote education, office presentations, and live streaming.



1: 2K FHD Webcam

TX-FHD-2K-WC

- **2K Ultra HD Resolution (1920×1080):** Delivers clear, detailed images for video calls and recordings.
- **Built-in Microphone:** Integrated microphone eliminates the need for an external mic, making voice calls hassle-free.
- **Ultra Wide Angle Lens:** Captures a wider field of view, ideal for group video conferences or showing more of your surroundings.
- **USB Plug & Play:** Simply connect via USB and it works instantly without installing additional drivers.
- **Broad Compatibility:** Works seamlessly with all major video conferencing and chat applications.

Full HD Webcam

1080P / WIDE 108° ANGLE / PLUG & PLAY



Full HD



Built-in Microphone



Wide 108° Angle



Plug & Play

FEATURE	SPECIFICATION
Video Resolution	2K FHD (1920x1080) at 30fps; also supports 720p, 960x540p, 640x360p
Image Sensor	1/2.8" CMOS, 2.07 effective megapixels
Lens	f=2.2mm / f=2.6mm; 110° / 108° horizontal ultra-wide angle
Min. Illumination	0.5 Lux @ (F1.8, AGC ON)
Electronic Shutter	1/30s to 1/10000s
White Balance	Auto, Manual, Specified Color Temperature
Noise Reduction	2D & 3D Digital Noise Reduction
Backlight Compensation	Supported





2: 4K UHD AI-Powered Webcam

TX-UHD-AI-4K-WC

- **4K Ultra HD Resolution:** Delivers crystal-clear video at 3840×2160 pixels (4K) for exceptional image quality and detail.
- **AI Facial Recognition & Auto-Framing:** Uses artificial intelligence to detect faces, extract key features, and automatically keep the subject centered and in focus even when moving.
- **Beamforming Microphone Array:** Features an advanced built-in beamforming mic array that focuses on the speaker's voice while reducing background noise and echoes.
- **110° Ultra-Wide Angle Lens:** Provides a very wide 110-degree field of view, ideal for capturing more people or a larger workspace in one frame.
- **USB Plug & Play (USB 3.0 Type-C):** Works instantly when connected to a USB 3.0 Type-C port (also backward compatible with USB 2.0), requiring no driver installation for most operating systems.



FEATURE	SPECIFICATION
Video Resolution	4K Ultra HD (3840x2160)
Frame Rate	Up to 30 fps
Lens	High Resolution Lens, 110° Ultra-Wide Angle
AI Features	AI Facial Recognition & Auto-Framing
Microphone	Built-in Beamforming Microphone Array
Connectivity	USB 3.0 Type-C (Backward compatible with USB 2.0)
Plug & Play	Yes (UVC compliant, no driver needed)
Dimensions	118mm x 37.2mm x 30.8mm
Supported OS	Windows, macOS, Linux, Chrome OS

Outstanding Audio



High-Sensitivity
Omni-Directional Microphone

 360° Coverage

 Clear Audio Pickup
up to Six Meters

3 : 4K Visualizer

TX-UHD-V-WCAM

- **4K UHD Resolution:** Delivers ultra-high-definition 4K video quality for exceptional clarity and detail in every frame.
- **Auto Focus & Image Rotation:** Features automatic focus adjustment and supports 0°/180° image rotation to ensure your subject is always sharp and properly oriented.
- **Height Adjustable Design:** The stand is height adjustable with a maximum shooting area of A3 size, giving you flexibility to capture documents, whiteboards, or objects of various sizes.
- **USB Plug & Play:** Simply connect the device to a USB port on your computer, and it works instantly without requiring any additional driver installation.
- **Portable & Compact:** Designed to be lightweight and easy to carry, making it ideal for use in multiple locations or for taking on the go.



4K Visualizer

The perfect choice for presentations & virtual meetings.

The image shows a black 4K Visualizer device on a wooden desk. The device has a camera lens and a light. To its left is a monitor displaying a video call with three participants. The background is a blurred office setting.

4K UHD 13MP Camera A3 Shooting Area Auto Focus Built-in Microphone LED Light Plug & Play Easy to Carry



FEATURE	SPECIFICATION
Video Resolution	4K UHD (3840×2160)
Image Sensor	High-resolution CMOS
Lens System	Auto focus with 0°/180° image rotation
Shooting Area	Maximum A3 (height adjustable)
Connectivity	USB 2.0 (Plug & Play, UVC compliant)
Microphone	Built-in microphone (2× crystal microphones)
Design	Portable, lightweight with foldable stand
Compatibility	Windows, macOS, Linux, Chrome OS, Android; all major meeting and chatting software

A3 Shooting Area

Height Adjustable Arm Max Shooting Area: Up to A3 size



4 : TX08 All-in-one 1080p Webcam with Speaker & Mic

TX08-WC-1080P-AIO-SM

- **4K UHD Resolution:** Delivers ultra-high-definition 4K video quality for exceptional clarity and detail in every frame.
- **Auto Focus & Image Rotation:** Features automatic focus adjustment and supports 0°/180° image rotation to ensure your subject is always sharp and properly oriented.
- **Height Adjustable Design:** The stand is height adjustable with a maximum shooting area of A3 size, giving you flexibility to capture documents, whiteboards, or objects of various sizes.
- **USB Plug & Play:** Simply connect the device to a USB port on your computer, and it works instantly without requiring any additional driver installation.
- **Portable & Compact:** Designed to be lightweight and easy to carry, making it ideal for use in multiple locations or for taking on the go.

2K 1080P FULL HD WEBCAM

Advanced Autofocus & Noise Reduction

True 2K 100P
True 2K 1088P resolution
for crystal-clear video

90°
Ultra-Wide-Angle Lens
High-quality ultra-wide lens
with 4x zoom

3A algorithm Microphone
Clear, full-duplex audio
with Noise reduction

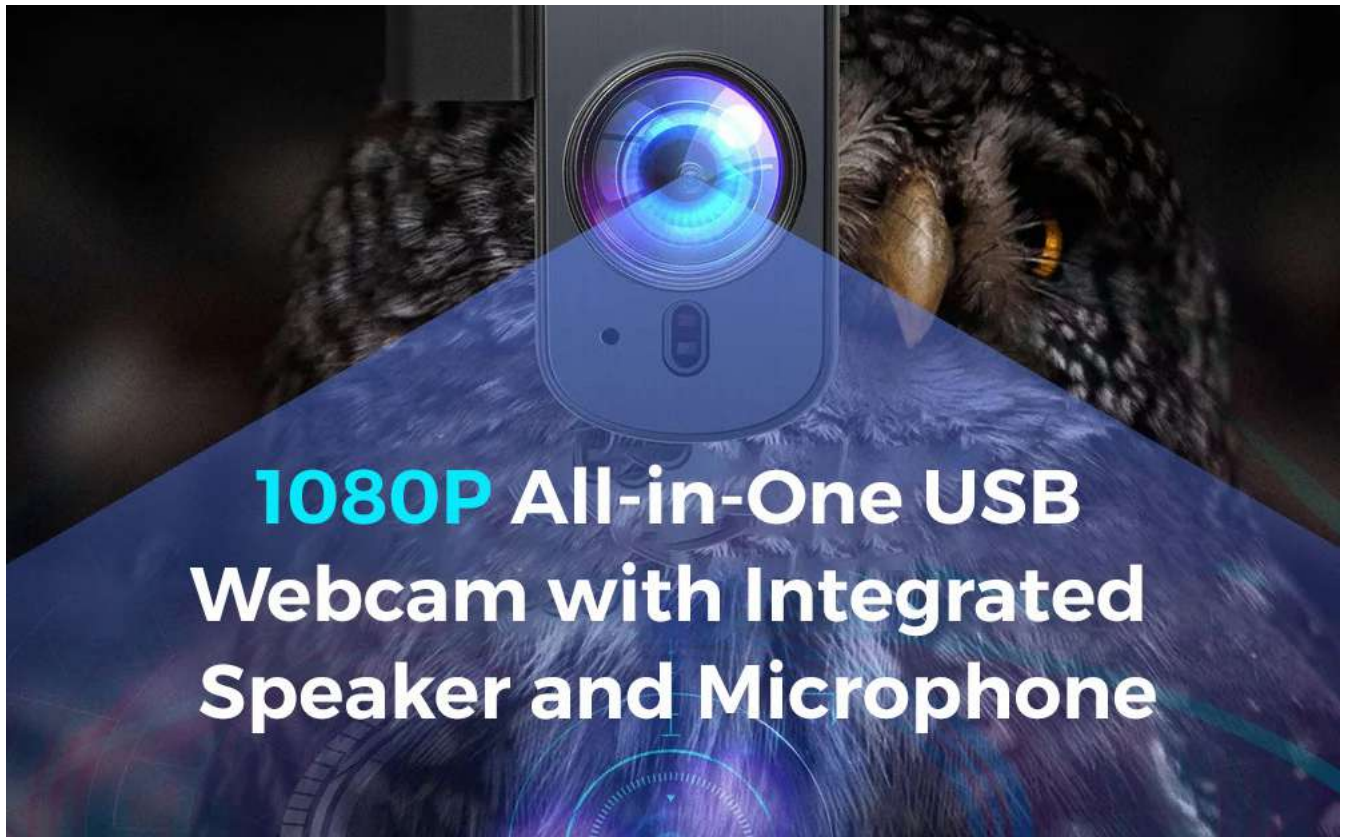
90°
90° Ultra-Wide-Angle Lens
High-quality ultra-wide lens
with 4x zoom

Online meeting

Video chat

Online education

Streaming



5: 4K AI USB Conference Webcam with Ultra-Wide 110° Viewing Angle

8X DigitalZoom, Humanoid Trackingand Auto Framing

TX16-WC-4K-AI-110-8X-AF

- **4K Ultra-High Definition & 110° Wide Angle:** Captures stunning 4K video at 30fps with an ultra-wide 110° field of view, ensuring everyone and everything in the room is seen in rich detail with minimal distortion. It uses a high-performance 1/2.7-inch UHD CMOS sensor to deliver sharp, professional-looking video.
- **AI-Powered Auto Framing:** The webcam's AI automatically detects people within its view and intelligently adjusts the frame to ensure all participants are perfectly composed and centered in the shot without any manual effort.
- **AI Humanoid Tracking:** Leveraging deep learning and a built-in neural network hardware (NNE) unit, the camera can smoothly track a moving person (like a presenter) even when their back is turned, keeping them the main focus at all times.
- **8X Digital Zoom:** Features an 8X digital zoom that allows you to get closer to the action or a specific speaker without losing image clarity, providing framing flexibility.
- **6-Meter Clear Audio Pickup:** A built-in beamforming microphone array, combined with advanced noise suppression and automatic gain control, ensures crystal-clear audio pickup for everyone in the conversation from up to 6 meters away.





FEATURE	SPECIFICATION
Video Resolution & Framerate	4K Ultra HD @ 30fps (max encoding output), downward compatible with 1080p@30fps, 720p@30fps, and 960x540p@30fps. Provides vivid details and lifelike color reproduction.
Image Sensor	1/2.7-inch UHD CMOS sensor, 8.29 effective megapixels. Advanced low-light sensitivity (minimum illumination 0.5 Lux @ F1.8, AGC ON).
Lens & Field of View	110° ultra-wide-angle low-distortion lens (f=2.2mm, M12 mount). Captures panoramic room view while minimizing optical distortion — ideal for medium-to-large meeting spaces.
Digital Zoom	8x digital zoom with electronic pan-tilt-zoom (ePTZ) support. Enables sharp close-ups and flexible framing without moving mechanical parts.
AI Auto Framing	Integrated AI algorithm with facial recognition technology automatically detects participants within the field of view, dynamically adjusts framing to keep everyone centered and perfectly composed.
AI Humanoid Tracking	Built-in NNE (Neural Network Engine) hardware unit + deep learning technology. Performs smooth person tracking regardless of face direction (even when turned away), ideal for presenters and active meeting rooms.
Audio Performance	Built-in beamforming microphone array with -6meter (20ft) clear pickup range. Advanced noise suppression and automatic gain control (AGC) enhance speech clarity for natural conversation.
Connectivity & Interface	Full-featured USB 3.0 Type-C (supports power, video, audio). USB 2.0 backward compatible (4K resolution requires USB 3.0). Supports simultaneous input from two USB video sources (optional) and one audio source.
Operating System Support	Windows® 7(1080 or lower), Windows 8.1/10/11; macOS™ 10.10 or higher; Google™ Chromebook™ (v+29); Linux (UVC compliant). Works with Zoom, Teams, Google Meet, Webex, and any UVC-compatible platform.

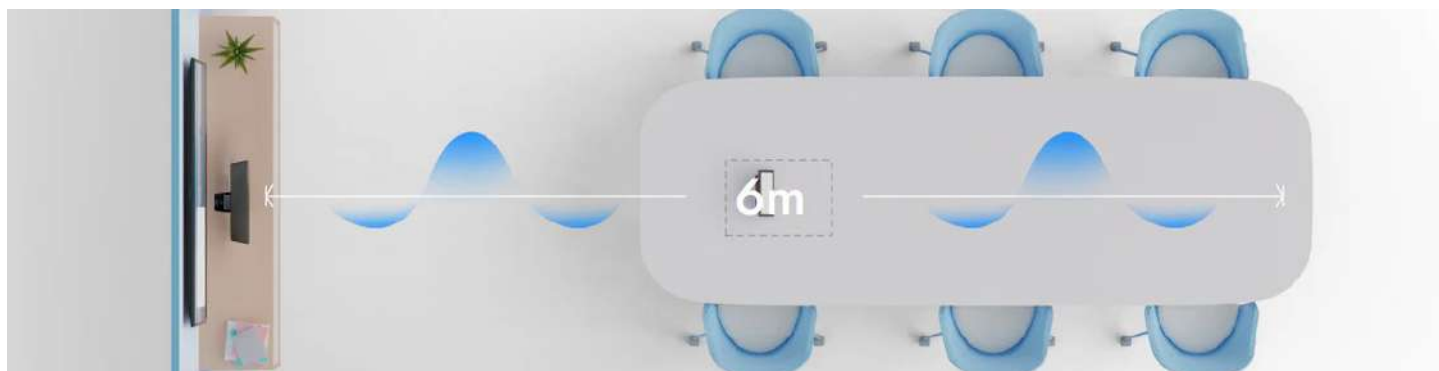
6: 4K AI-Powered USB Camera with Intelligent Tracking

Speaking Tracking and Auto Framing

TX18-C-4K-AI-ST-AF

- **Crystal-Clear 4K Ultra HD Video:** Equipped with a next-generation 1/2.5-inch CMOS sensor and a 4K lens group, the camera captures ultra-high-definition video at 4K@30fps with 8.29 effective megapixels. This delivers image clarity that is four times that of a standard 1080P camera.
- **AI Auto-Framing:** The camera uses an intelligent AI algorithm combined with facial recognition to automatically detect participants in the room. It intelligently adjusts the ePTZ (electronic pan, tilt, and zoom) to dynamically frame the perfect shot, keeping everyone centered and composed.
- **AI Speaker Tracking:** Leveraging deep learning and a built-in intelligent algorithm with dual microphones, the camera can accurately locate the sound source. It automatically finds and frames the active speaker, smoothly switching between different people as they speak.
- **Professional Audio with Noise Cancellation:** A built-in digital omnidirectional microphone array ensures clear audio pickup from up to 6 meters away. It features a unique noise suppression algorithm to minimize background noise, ensuring your voice is heard clearly.
- **Ultra-Wide 120° Field of View with ePTZ:** Featuring a custom 4K UHD lens with a wide 120° field of view, the camera can capture large groups and expansive scenes without distortion. This is complemented by ePTZ (electronic pan, tilt, and zoom) support, allowing you to frame the perfect shot and view the entire room in panorama.





FEATURE	DESCRIPTION
Video System	4K@30fps/25fps, 1080P@30/25fps, 720P@30/25fps
Image Sensor	1/2.5" CMOS, 8.29 effective megapixels
Lens & Field of View	Wide-angle lens with 120° FOV (M12 mount); also available in 84° variant
Minimum Illumination	0.05 Lux @ (F1.8, AGC ON)
Shutter Speed	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Digital Noise Reduction	2D & 3D digital noise reduction
Backlight Compensation	Supported
Built-in Microphone	Omnidirectional microphone array, pickup range up to 6 meters with unique noise suppression algorithm
USB Interface	1x USB 3.0 Type B (female) – integrates power, video, and audio
OS Compatibility	Windows® 7 (1080 or lower), Windows 8.1, Windows +10, macOS +10.10, Chromebook v29.0.1547.70+, Linux
Power & Consumption	5V (USB), 600mA, 3W
Dimensions & Weight	194mm × 34mm × 42mm (without bracket) / 0.5 kg
Operating Temperature	-10°C ~ 40°C

7: TX19 USB Webcam with Built-in Privacy Shutter

USB Webcam with Privacy Shutter & Dual Streaming

TX19-WC-DSO-90

- **Crystal-Clear 1080p HD Video:** Equipped with a 2.07-megapixel high-quality CMOS image sensor, the camera delivers sharp Full HD video at 1080p@30fps, ensuring professional image quality for conferences and live streaming.
- **Distortion-Free 90° Wide-Angle Lens:** With a maximum horizontal field of view of 90°, the lens captures a broad room view while minimizing distortion, making it ideal for small to medium-sized meeting rooms.
- **Electronic Pan-Tilt-Zoom (ePTZ) with 4X Digital Zoom:** The camera achieves precise, noiseless pan-tilt functionality electronically without moving parts, ensuring reliability and durability. It also supports 4X digital zoom for flexible framing.
- **Built-in Privacy Shutter:** The camera features an integrated sliding privacy cover that allows you to physically close the lens at any time, ensuring participant privacy and peace of mind.
- **6-Meter Clear Audio Pickup with Noise Suppression:** A built-in digital microphone array enables 360° omnidirectional audio pickup from up to 6 meters away, combined with Telunix's unique noise suppression and Automatic Gain Control (AGC) algorithms for clear, natural voice





FEATURE	DESCRIPTION
Video System	1080p@30fps/25fps, 720p@30fps/25fps, 960×540p@30fps/25fps
Image Sensor	1/2.7" CMOS, 2.07 effective megapixels
Lens & Field of View	M12 mount, °90 horizontal FOV, auto-focus
Minimum Illumination	0.5 Lux @ (F2.0, AGC ON)
Shutter Speed	1/30s ~ 1/10000s
White Balance	Auto, Manual, VAR
Digital Noise Reduction	2D & 3D digital noise reduction
Backlight Compensation	Supported
Digital Zoom	4X
Electronic PTZ (ePTZ)	Supports UVC ePTZ, precise and noiseless operation
Privacy Shutter	Built-in sliding privacy cover
Built-in Microphone	Dual omnidirectional microphone array, 360° pickup up to 6 meters, with noise suppression & AGC
USB Interface	1× USB 2.0 (full-featured, carries power, video, audio & control)
Video Compression	YUY2 / H.264 / MJPEG
USB Protocol	UVC 1.1, UAC support
OS Compatibility	Windows 7 (1080 and below), Windows 8.1, Windows 10+, macOS 10.10+, Chromebook v29.0.1547.70+, Linux
Hardware Requirements	2.4 GHz Intel Core 2 Duo or higher, 2 GB RAM, USB 2.0 port

B. PTZ Camera

This PTZ camera series offers a scalable lineup ranging from 1080P models with up to 10x optical zoom to advanced 4K/60fps variants, engineered for spaces of all sizes—from huddle rooms to large auditoriums. Leveraging high-grade imaging sensors, advanced noise reduction, and silent precision mechanics, the range delivers crystal-clear video in any lighting condition. Higher-tier models integrate AI-driven auto-framing and human tracking capabilities, ensuring seamless compatibility with major conferencing platforms, while professional-grade units support advanced streaming protocols for broadcast-quality production. With flexible connectivity options including USB, HDMI, and IP, alongside versatile mounting solutions, this portfolio combines professional-grade performance with intelligent automation at competitive prices, ultimately elevating remote collaboration across all business scales by making high-end conference technology both accessible and future-proof.



1: TX20

PTZ Conference Camera with 3× Optical Zoom for Professional Video Meetings

TX20-USBC-1080P-10XOZ

- **Crystal-Clear 1080P Full HD Video:** Equipped with a 1/2.8-inch CMOS sensor and 2.07 million effective pixels, it delivers sharp, detailed images at a maximum resolution of 1920x1080.
- **10x Optical Zoom:** The powerful 4.7mm~46.3mm lens allows you to capture close-up views of presenters or whiteboards with exceptional clarity, without losing image quality.
- **Silent Mechanical PTZ:** Featuring a self-developed motorized pan-tilt system, the camera provides smooth, quiet operation with a wide range of motion ($\pm 170^\circ$ pan, -30° to 90° tilt), ensuring distraction-free meetings.
- **Low-Latency Transmission:** Utilizes advanced Slice and SVC encoding to deliver smooth video with minimal delay, adapting effectively to different network environments.
- **Flexible Control & Installation:** Supports remote control via an RS232 serial port for managing pan, tilt, and zoom functions. Additionally, it offers flexible mounting options, including wall, ceiling, or suspended setups, with horizontal and vertical flipping for convenience.





Elevate Your Meetings to the Next Level

1080P VIDEO CONFERENCING PTZ CAMERA



10x Optical Zoom

Powerful zoom for sharp close-ups.



1x

Low-Latency Transmission

Smooth video with Slice & SVC Encoding.



Slice

SVC

Remote Control Ready

RS232 & PTZ Control Options.



Flexible Installation

Wall, Ceiling, or Upside-Down Mounting



FEATURE	DESCRIPTION
Image Sensor	1/2.8" CMOS, 2.07 Megapixels (Progressive Scan)
Max Resolution	1920x1080 (1080P Full HD)
Optical Zoom	10× (f=4.7mm ~ 46.3mm, F1.8 ~ F2.8)
Digital Zoom	16×
Horizontal Field of View	58.5° (wide) ~ 6.5° (tele)
Vertical Field of View	35.1° (wide) ~ 3.6° (tele)
Pan / Tilt Range	Pan: ±170° Tilt: -30° ~ +90°
Pan / Tilt Speed	Pan: 2.7° ~ 47°/s Tilt: 3.4° ~ 30°/s
Preset Positions	255 presets with 0.1° accuracy
Min. Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter Speed	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, adjustable color temperature
Noise Reduction	2D & 3D Digital Noise Reduction
Backlight Compensation	Supported
Video Compression	H.264 AVC / H.264 SVC / MJPEG (max 1080P30)
USB Interface	USB 2.0 Type-B (UVC 1.1, UVC PTZ control)
Serial Control	1× RS232 In (VISCA / Pelco-D / Pelco-P)
Operating System	Windows 7/8/10, macOS, Linux, Android
Power Consumption	12W (max) DC 12V, 1A
Dimensions (W×D×H)	141.5 × 151.1 × 170.2 mm
Weight	1.153 kg

2: TX310 Mini

Video PTZCamera for online conference with 3x OpticalZoom

TX310-MVC-3XOZ

- **90° Ultra-Wide-Angle Lens:** Features a premium wide-angle focal lens with a 90° field of view, providing a panoramic view that's ideal for capturing everyone in small meeting scenarios.
- **AI Humanoid Tracking:** Equipped with advanced AI algorithms for full or half-body automatic motion tracking, this feature intelligently follows the presenter without needing a dedicated camera operator.
- **TOF (Time-of-Flight) AutoFocus:** Uses a laser-assisted focusing instrument combined with advanced algorithms to deliver high-speed, accurate, and reliable auto-focusing.
- **3x Optical + 16x Digital Zoom:** Provides a 3x optical zoom and a 16x digital zoom, allowing for clear images across a flexible field of view ranging from 90° to 30.7°.
- **Crystal Clear 1080P Video:** Built with a 1/2.9-inch high-quality CMOS sensor that delivers sharp 1080P resolution with brilliant color, ensuring an exceptional video communication experience.





FEATURE	DESCRIPTION
Image Sensor	1/2.9" CMOS, Progressive Scan
Max Resolution	1920x1080 (1080P Full HD)
Optical Zoom	3× (f=3.35mm ~ 10.05mm, F1.7 ~ F3.0)
Digital Zoom	16×
Horizontal Field of View	90° (wide) ~ 30.7° (tele)
Vertical Field of View	52° (wide) ~ 18.4° (tele)
Pan / Tilt Range	Pan: ±170° Tilt: -30° ~ +90°
Pan / Tilt Speed	Pan: 2.7° ~ 35.7°/s Tilt: 2.7° ~ 31.5°/s
Preset Positions	255 presets with 0.1° accuracy
Min. Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter Speed	1/30s ~ 1/10000s

FEATURE	DESCRIPTION
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Noise Reduction	2D & 3D Digital Noise Reduction
Signal-to-Noise Ratio	≥55dB
Backlight Compensation	Supported
Image Freezing	Supported
H & V Flip	Supported
USB Interface	1× USB 2.0 Type-C (UVC 1.1)
Audio Input	Built-in dual microphones
Serial Control	1× RS232 In
Power Supply	DC 12V (JEITA) or USB Type-C DC 5V
AI Humanoid Tracking	Full/half-body automatic motion tracking or center zone tracking
TOF AutoFocus	Laser-assisted focusing with advanced algorithms for high-speed accuracy
Remote Control	Supports preset positions, zoom, and PTZ control



3: TX 821 U Zoom

Full HD 60FPS Professional PTZ Video Conference Camera

TX821U-PTZC-1080P

- **1080P Full HD at 60fps:** Delivers crisp, detailed video with smooth motion, making it ideal for professional conferencing and live events.
- **12x Optical Zoom (with 16x Digital Zoom):** Captures clear, crystal-clear images even from a distance, with a field of view ranging from 72.5° (wide) to 6.9° (telephoto).
- **AI-Assisted Auto Framing:** Uses face detection to automatically detect participants and adjust the PTZ camera to frame everyone perfectly in the shot.
- **High-Quality Sensor for Low Light:** Features a new-generation Panasonic 1/2.8-inch CMOS sensor that delivers brilliant colors and detailed video even in challenging lighting conditions.
- **Versatile Power & Connectivity:** Supports HDMI, USB 3.0, and AV outputs, with three power supply options: 5V USB, 12V adapter, and PoE (Power over Ethernet).





FEATURE	DESCRIPTION
Image Sensor	1/2.8-inch Progressive CMOS (Panasonic)
Effective Pixels	2.07 Megapixels
Max Resolution	1920 x 1080 (Full HD)
Frame Rate	1080p: 60/59.94/50/30/29.97/25fps; 720p: 60/50/30/25ps
Optical Zoom	12x
Digital Zoom	16x
Field of View (FOV)	72.5° (Wide) ~ 6.9° (Tele)
Aperture	F1.8 ~ F2.8
Focal Length	f=3.5mm ~ 42.3mm
Minimum Illumination	0.5 Lux @ F1.8 (Color)
White Balance	Auto, Manual, One Push, 3000K~8000K
Exposure Control	Auto, Manual, Shutter Priority, Brightness
Backlight Compensation	Supported
Video Outputs	HDMI, USB 3.0 (UVC), 3G-SDI

4: TX 841 U Zoom

4K Intelligent PTZ Camera with Automatic Framing and Smart Subject Tracking

TX841U-PTZC-4K-AF-HT

- **4K Ultra-High Definition Image Quality:** Equipped with a new generation Sony 1/2.5-inch 4K CMOS sensor with 8 million effective pixels, delivering ultra-high resolution video at 4K (3840x2160) at 30 fps for a detailed and realistic conferencing experience
- **12x Optical Zoom with Wide-Angle Lens:** Features an 80.8° wide-angle lens paired with 12x lossless optical zoom and 16x digital zoom, allowing clear capture of both near and far details with minimal edge distortion.
- **AI-Assisted Auto-Framing & Humanoid Tracking:** Built-in AI algorithms automatically recognize participant positions and adjust the camera angle for optimal composition, while also enabling the camera to track and follow a specific subject as they move during the conference.
- **Silent Mechanical PTZ with Full Coverage:** Equipped with a silent PTZ mechanism offering $\pm 170^\circ$ horizontal and -30° to $+90^\circ$ vertical rotation, ensuring full coverage of the conference room with no blind spots and no distracting motor noise.
- **Ultra-High Signal-to-Noise Ratio for Low Light:** Features a high signal-to-noise ratio CMOS sensor (over 55dB) combined with 2D and 3D noise reduction algorithms, delivering clean and clear images even in ultra-low light conditions.



FEATURE	DESCRIPTION
Image Sensor	1/2.5-inch Progressive CMOS (Sony), effective pixels: 8.51 million
Max Resolution	4K (3840 × 2160) at 30 fps
Lens	12x optical zoom, f = 3.47mm ~ 41.65mm, F 1.84 ~ F 3.72
Digital Zoom	16x
Horizontal Field of View	80.8° (wide) ~ 7.5° (tele)
Vertical Field of View	49.9° (wide) ~ 4.3° (tele)
Minimum Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter Speed	1/30s ~ 1/10000s
White Balance	Automatic, indoor, outdoor, one-touch, manual, specify color temperature
Backlight Compensation	Supported
Digital Noise Reduction	2D & 3D digital noise reduction
Signal-to-Noise Ratio	≥ 55dB
Pan Range	±170°
Tilt Range	-30° ~ +90°
Pan Speed Range	2.7° ~ 35.7°/s
Tilt Speed Range	2.7° ~ 31.5°/s
Preset Positions	255 (accuracy: 0.1°)
Video Outputs	HDMI 1.4b, USB 3.0 (Type-C), Network (RJ45)
USB Video Formats	YUY2 (Max: 1080P@30fps), MJPEG (Max: 2160P@30fps), H.264 AVC/SVC (Max: 2160P@30fps)
USB Audio	Supported
USB Protocol	UVC 1.1 ~ 1.5, UVC PTZ control supported
Network Protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, multicast
Video Encoding	H.264 / MJPEG
First Stream Resolution	3840x2160 ,1920x1080 ,1280x720 ,1024x576 ,960x540 ,640x480 ,640x360
Second Stream Resolution	1920x1080, 1280x720, 1024x576, 720x576, 720x480, 720x408 ,640x360, 480x270, 320x240, 320x180
Bit Rate Control	Variable bit rate, fixed bit rate (32Kbps ~ 102400Kbps)



5: TX 841 UX 4K

Professional PTZ Video Conferencing Camera

TX841UX-PTZC-4K-PRO

- **4K Ultra-High Definition Image Quality:** Equipped with a new generation 1/2.8-inch 4K CMOS sensor (Sony) with 8.46 million effective pixels, delivering ultra-high resolution video at 4K (3840x2160) for a remarkably detailed and realistic conferencing experience.
- **12x Optical Zoom with Wide-Angle Coverage:** Features an 80.8° wide-angle lens paired with 12x optical zoom and 16x digital zoom, enabling crisp capture of both wide room views and distant details without edge distortion.
- **Advanced AI-Powered Intelligent Framing:** Incorporates cutting-edge AI technologies including presenter tracking, group framing, and zone tracking, automatically adapting to participant movements to make conferences smarter and more efficient.
- **Silent Mechanical PTZ with Full-Range Rotation:** Equipped with a noise-free PTZ mechanism offering $\pm 170^\circ$ horizontal and -30° to $+90^\circ$ vertical rotation, ensuring complete coverage of the conference space with zero blind spots.
- **Ultra-High Signal-to-Noise Ratio for Superior Low-Light Performance:** Built with an ultra-high SNR CMOS sensor ($\geq 55\text{dB}$) combined with advanced 3D noise reduction algorithms, delivering clean, clear, and noise-free images even in ultra-low light conditions.



FEATURE	DESCRIPTION
Image Sensor & Resolution	1/2.8" Progressive CMOS, 8.46 Megapixels, supports 4K (3840x2160) ultra-HD video.
Lens & Optical Zoom	12x optical zoom, f=3.47mm ~ 41.65mm (F1.84 ~ F3.72), with 16x digital zoom.
Field of View (FOV)	Horizontal: 80.8° (wide) ~ 7.5° (tele); Vertical: 49.9° ~ 4.3°.
Low-Light Performance	Minimum illumination 0.5 Lux @ F1.8, SNR ≥55dB, with 3D digital noise reduction.
PTZ Movement & Presets	±170° pan, -30° to +90° tilt; speeds up to 100°/s (pan) and 69.9°/s (tilt). Supports 255 presets with 0.1° accuracy.
AI Intelligent Features	Advanced AI technologies including presenter tracking, group framing, and zone tracking for automated, smart framing.
Video Output Interfaces	HDMI 2.0, USB 3.0 (Type-B), and Gigabit LAN (IP) for simultaneous 4K streaming.
USB Video Formats	Supports YUY2 (1080P30), MJPEG (4K30), and H.264 (4K30) with UVC 1.1 PTZ control.
Network & Streaming Protocols	NDI HX2, SRT, RTMP(s), RTSP, HTTP, TCP/IP, Onvif, DHCP, and Multicast.
Video Encoding & Bitrate	H.264 / MJPEG compression, dual-stream (Main: up to 3840x2160, Sub: up to 720x480), with CBR/VBR bitrate control.
Control & Audio Interfaces	RS232 (In/Out), RS485 (1200m) supporting VISCA, Pelco-D, Pelco-P; plus 3.5mm Audio In/Out.

TX841UX

VIDEO CONFERENCE CAMERA

A high-definition video conference camera designed for large and medium-sized conference scenarios, providing ultra high-quality video conferencing with a 1/2.8 inch 4K CMOS sensor from SONY.



4K@60FPS



12X OPTICAL 600M



80.8° WIDE ANGLE



ADVANCED FEATURES FOR SEAMLESS VIDEO CONFERENCING



4K@60FPS



12x OPTICAL
600M



WIDE ANGLE



PRESENTER
GROUP & ZOOM
TRACKING



MULTI-DEVICE
SUPPORT



HQ   

USB 3.0, LAN

C. Classroom Camera

4K UHD Dual-Lens Smart Tracking Camera designed for modern classrooms. It uses dual lenses and advanced AI to deliver smooth, automatic tracking with sharp 4K resolution, seamlessly switching between wide panoramic views and close-up shots to follow the teacher or students. The camera's powerful algorithms enable accurate, real-time switching between wide and close-up shots, keeping the focus on the board or an individual student. It also supports crystal-clear audio when paired with a compatible microphone, featuring beamforming and 3A audio processing to reduce classroom noise. The camera offers simple installation, supports PoE for Ethernet cascaded deployment (connecting up to 6 devices), and is ideal for large-scale deployments.



1: TX051 S/T

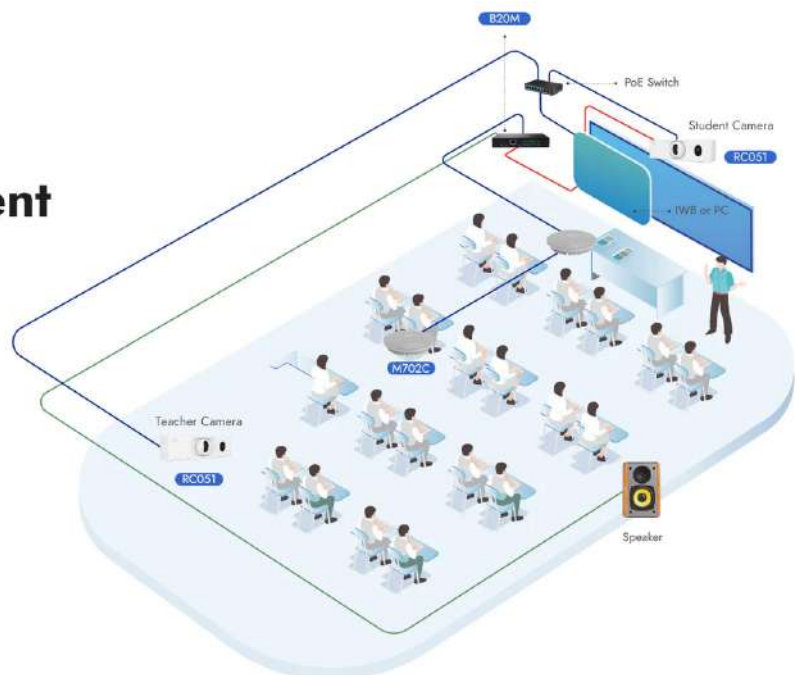
4K Dual-Lens Intelligent Tracking Camera

TX051-ATC-4K-UHD

- **Binocular Lens Design for Seamless Switching:** Equipped with dual lenses that automatically and smoothly transition between wide panoramic views and close-up shots, ensuring the focus stays where it needs to be—whether on the whiteboard or an individual student.
- **Crystal-Clear 4K UHD Image Quality:** Delivers ultra-high-definition 4K resolution that captures every detail, from a broad view of the entire classroom to a close-up of a teacher's demonstration.
- **AI-Driven Automatic Tracking:** Powered by advanced artificial intelligence, the camera automatically follows the action—whether it's a teacher's lecture or a student's presentation—so educators can focus on teaching, not on operating the technology.
- **Crystal-Clear Audio with Noise Reduction:** When paired with a compatible microphone, beamforming algorithms and 3A audio processing effectively reduce classroom background noise, keeping voices crisp and clear for both whole-class instruction and one-on-one engagement.
- **Flexible & Cost-Effective Deployment:** Supports PoE for Ethernet cascaded deployment, connecting up to 6 devices with a simple installation process—making it ideal for large-scale classroom deployments even with controlled budgets.

Classroom Deployment

- Audio Cable
- USB
- Network Cable



TX051

Binocular 4K UHD Auto Tracking Camera

AI-powered tracking for teachers and students,
capturing every movement with precision.



4K
[UHD]



Intelligent Tracking



Facial Recognition



Behavior Analysis

FEATURE	DESCRIPTION
Binocular Lens Design	Dual-lens system with a close-up camera (f=7.37mm, 43° FOV) and a panoramic camera (f=2.2mm, 110° FOV), enabling seamless switching between wide classroom views and detailed close-ups.
4K UHD Image Quality	Close-up camera: 8.29 Megapixels (1/2.7" CMOS); Panoramic camera: 4.93 Megapixels (1/2.7" CMOS). Delivers ultra-high-definition 4K resolution for crystal-clear detail.
AI-Driven Auto Tracking	Advanced AI algorithms enable real-time, automatic switching between wide and close-up shots, keeping the focus on the teacher, board, or individual students without manual intervention.
Pan & Tilt Range	Close-up camera: ±40° pan, +5° to -30° tilt. Panoramic camera: +0° to -24° tilt. Maximum rotation speed: up to 60°/s (student camera) and 30°/s (teacher camera).
Preset Positions	Supports 255 preset positions with 0.5° accuracy, allowing quick recall of preferred camera angles.
Low-Light Performance	Minimum illumination of 0.5 Lux, combined with 2D & 3D digital noise reduction, ensures clear images even in challenging lighting conditions.

FEATURE	DESCRIPTION
Video Output & USB	USB 3.0 (Type-C) interface with UVC 1.1 support, delivering up to 4K video. Compatible with Windows, macOS, Chromebook, and Linux.
Network & Streaming	Gigabit Ethernet with PoE (802.3af), supporting H.265/H.264/MJPEG compression, dual-stream output, and protocols including NDI, SRT, RTSP, RTMP, and ONVIF.
Audio Integration	3.5mm Line In/Out, USB audio, and network audio with -1588based clock synchronization. When paired with a compatible microphone, beamforming and 3A audio processing reduce classroom noise.
Flexible Deployment	Supports PoE for Ethernet cascaded deployment, connecting up to 6 devices with a simple installation process – ideal for large-scale classroom setups.
Power & Physical	DC 12V or PoE (802.3af), 12W max power consumption. Dimensions: 70mm × 86mm × 242mm. Weight: 0.62kg. Operating temperature: -10°C ~ 40°C.

Enhanced Classroom Technology: TX051

AI-powered tracking for seamless teacher and student engagement

4K
4K UHD

Dual Lenses

Intelligent Tracking

Automatic AI Framing

Facial Recognition

Crystal Clear Audio

D. All-in One Video Bar

All-in-one video bars for hybrid collaboration in any meeting space, from huddle rooms to large conference areas. Each device combines a 4K camera, microphone array, and speakers in a sleek form, with AI-driven auto-framing and voice tracking keeping participants perfectly framed automatically. Wide-angle lenses and advanced noise reduction ensure crisp audio and video, while flexible USB-C, HDMI, and LAN ports enable clean, easy BYOD connectivity. Seamlessly integrating with major UC platforms, these bars simplify installation, reduce cable clutter, and empower teams to communicate more productively.

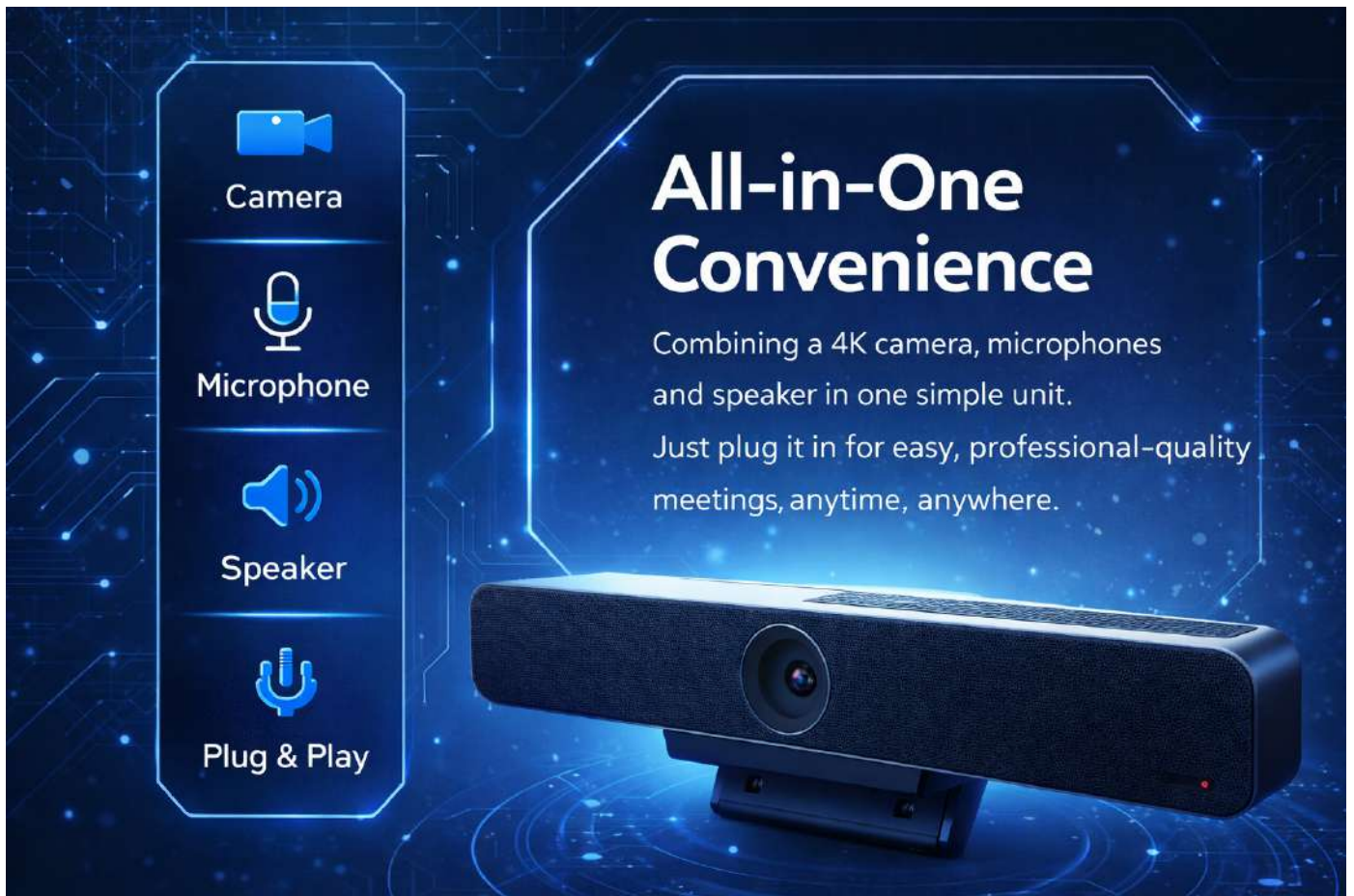


1: All-in-One 4K Video Bar for Huddle Space

TX-VB-4K-AIO

- **4K Ultra-Wide Camera with Privacy Shutter:** Equipped with an 8MP 1/2.8-inch image sensor and a 120° ultra-wide field of view, it captures every detail of the meeting space. An electric lens cover automatically slides shut when the meeting ends for added privacy.
- **AI-Powered Group & Speaker Framing:** Built-in face and human-shape recognition automatically adjusts the camera's viewing angle and zoom to keep all participants clearly in frame. Additionally, a sound localization algorithm detects who is speaking and shifts focus to that participant for a natural communication experience.
- **Crystal-Clear Audio with Advanced Noise Cancellation:** A six-element microphone array with beamforming technology picks up voices from up to 6 meters away. Advanced AI algorithms cancel echo, noise, and reverb, ensuring every voice remains clean and distinct.
- **Single-Cable BYOD Connectivity:** With USB-C connectivity, the TX-VB-4K-AIO integrates video, audio, and power through a single cable. Simply connect your laptop to start a meeting instantly, and it even charges your device at the same time.
- **All-in-One Plug-and-Play Design:** Combining a 4K camera, six-microphone array, and a full-range speaker into one elegant, compact unit, it transforms any huddle room or hot desk into a high-quality video meeting environment with minimal setup. Just connect it and you're ready for professional meetings anytime, anywhere.





All-in-One Convenience

Combining a 4K camera, microphones and speaker in one simple unit. Just plug it in for easy, professional-quality meetings, anytime, anywhere.

Camera

Microphone

Speaker

Plug & Play

The advertisement features a black, elongated, bar-shaped device with a central lens and a small red light on the right. It is set against a dark blue background with glowing circuit patterns. A vertical list of icons on the left identifies the device's features: a camera, a microphone, a speaker, and a 'Plug & Play' icon.



All-in-One Video Conferencing Solution

Professional AI-powered meetings anywhere, anytime

120° Wide-Angle 4K Camera

Noise Cancellation AI

Auto Framing & Speaker Tracking

Crystal-Clear 6m Pickup Radius

This advertisement highlights the advanced features of the same device. It includes a vertical list of five icons on the left: a video camera, a microphone, a speaker, a person icon, and a group icon. Five callout boxes with icons describe specific capabilities: a wide-angle camera, noise cancellation AI, auto framing and speaker tracking, and a 6-meter pickup radius. The device is shown from a slightly different angle, emphasizing its sleek design.

FEATURE	DESCRIPTION
Image Sensor	1/2.8-inch CMOS with 8MP effective pixels
Video Resolution	4KP60 ,4KP30 ,1080P60 ,1080P30 ,720P60 ,720P30
Lens & Field of View	DFOV 120°, HFOV 110°, VFOV 75° ;5X HD digital zoom
Privacy & Noise Reduction	Built-in electric sliding privacy cover ; 2D & 3D digital noise reduction; SNR ≥50dB; Backlight compensation supported
Microphone Array	6 omnidirectional MEMS microphones with beamforming technology; Clear pickup distance 4m, effective pickup distance 6m
Speaker	1×1.5-inch full-range unit with dual-diaphragm sound cavity; Rated power 5W/4Ω (max 8W)
AI Video Features	Group Framing, Speaker Framing, People counting
AI Audio Features	AI Noise Cancellation (ANC), AI Echo Cancellation (AEC), Automatic Gain Control (AGC)
USB Features	USB 3.0 (backward-compatible with USB 2.0); Color space: MJPEG / YUY2 / H.264; UAC1.0 & UVC1.1; UVC EPTZ control
I/O Interfaces	1× USB 3.0 Type-A, 1× USB 3.0 Type-C (supports PD ALT mode, reverse PD charging up to 45W); 1× HDMI 2.0 (max 4KP60); 1× RJ45 10/100/1000 Base-T (PoE IEEE802.3at); 1× USB Type-C power (65W PD charging)
System Compatibility	BYOD mode: Windows 10 or higher, Mac OS 10.0 or higher; Compatible with Microsoft Teams, Zoom, BlueJeans, Google Meet, Cisco Webex, etc.
Installation & General	TV top-mounted; anti-theft lock jack; Power: AC 240-100V 60/50Hz (PD 20V/3.25A MAX) or PoE (48V/0.5A); Dimensions: 400mm×60mm×60mm; Weight: 0.9 kg; Operating temp: 0°C to 40°C; Certifications: CE, FCC, ROHS, Reach, WEEE

2: Smart USB Video Conferencing Bar

TX10-USB-SCVB

- **Crystal-Clear 4K Video with 5x Digital Zoom:** A high-resolution 20MP sensor captures sharp, true-to-life 4K video, even in larger rooms. Combined with 5x digital zoom, it ensures every detail is clearly visible no matter the distance.
- **Wide 120° Field of View with $\pm 15^\circ$ PTZ Adjustment:** The ultra-wide 120° diagonal lens captures the whole room at once. A built-in mechanical PTZ (MPTZ) subtly adjusts left, right, up, and down ($\pm 15^\circ$ pan/tilt) to follow the conversation naturally.
- **AI-Powered Auto-Framing & Group Recognition:** The camera automatically recognizes people in the room and adjusts its view as participants join, move, or leave. It uses AI to track heads, faces, and bodies, keeping the group balanced and clearly visible at all times.
- **Intelligent Speaker Tracking with Audio Localization:** When someone starts talking, the camera automatically turns to them. Audio-based localization keeps the active speaker centered, making conversations feel more direct and natural.
- **Premium Audio with 6m Beamforming Microphone & Hi-Fi Speaker:** The built-in beamforming microphone detects who's speaking and captures sound accurately within a 6-meter range. A full-range speaker with bass-enhancing acoustic design delivers rich, layered sound at 8W for clear audio coverage across the entire meeting space.





FEATURE	DESCRIPTION
Image Sensor	1/1.8-inch CMOS, 20 Megapixels effective
Video Resolution	4KP30 ,1080P60 ,1080P30 ,720P60
Field of View	Diagonal 120°, Horizontal 110°
Digital Zoom	5x
PTZ Function	Mechanical PTZ (MPTZ) + e-PTZ (EPTZ) with ±15° Pan & ±15° Tilt
Noise Reduction	2D & 3D Digital Noise Reduction, SNR ≥ 55dB, Backlight Compensation
Microphone Array	Beamforming microphone with 6m pickup distance; supports up to 3 expansion microphones via DMIC interface
Speaker	Full-frequency speaker, 96 dB SPL at 0.5 m
Audio 3A Algorithm	AI-Powered AEC (Acoustic Echo Cancellation), ANC (Automatic Noise Cancellation), AGC (Automatic Gain Control)
USB Features	USB 3.0 (backward compatible with USB 2.0); Color space: H.264 / YUY2 / MJPEG; UAC 1.0 & UVC 1.1; UVC ePTZ control
I/O Interfaces	1× USB 3.0 Type-C (audio/video & firmware upgrade), 1× USB 3.0 Type-A (reserved), 1× HDMI OUT, 1× HDMI IN, 1× RJ45 (10/100/1000M Ethernet), 1× RJ45 (extension MIC / wired BYOD pod, PSE power supply IEEE802.3at), Power connector, WiFi 5 (2.4G/5G dual-band, IEEE802.11 a/b/g/n/ac, supports wireless BYOM & screen sharing with additional device)
Installation & General	Desktop placement, wall mounting, TV-mounting; Anti-theft lock; Power: DC 12V, 5A (MAX); Operating temp: 0°C ~ 40°C; Storage temp: -40°C ~ 60°C; Dimensions: 600 × 135 × 117 mm; Weight: 2.5 kg

3: TX20 Smarter Collaboration for Bigger Rooms

TX20-SC

- **Dual-Lens 4K Design with 12x Optical Zoom:** Combines a panoramic lens (120° diagonal FOV) with a close-up lens featuring 12x optical zoom, capturing both the full room and every speaker's expression in sharp 4K@30fps.
- **AI-Driven Auto-Framing & Smart Tracking:** Automatically identifies how many people are in the room and adjusts framing to include everyone. Gesture-activated tracking follows the presenter smoothly, while sound-based detection highlights the active speaker.
- **Multi-Window Close-ups for Remote Participants:** Automatically generates multi-window close-ups of participants, making hybrid meetings feel more personal and interactive.
- **8-Meter Voice Pickup with AI Noise Reduction:** An 8-mic array uses beamforming and AI noise reduction to capture clear speech across the room while suppressing echo and distractions.
- **Rich, Layered Audio from Dual 8W Speakers:** Two full-range speakers with bass-enhanced chambers produce crisp, powerful audio to keep the entire meeting space engaged.



NEXT-GENERATION DUAL-LENS CONFERENCING SOLUTION

SEAMLESS HYBRID COLLABORATION. CRYSTAL-CLEAR CLARITY.



UNLOCK THE FUTURE OF BUSINESS COMMUNICATION.



DUAL-LENS INTEGRATION

Two lenses as one: A 120° wide panoramic lens and a 12x zoom lens provide a perfectly clear view of the room and details simultaneously.



SMOOTH MECHANICAL PTZ

Silent pan-tilt-zoom for wide coverage and cleaner motion, capturing every angle without distraction.



AI-POWERED GROUP FRAMING

Automatically identifies people in the room and adjusts framing to keep everyone centered and included.



IMMERSIVE AUDIO

6 Beam-forming microphones and 2 full-range speakers for crystal-clear sound pickup and audio playback.



INSTANT BYOM

Easily connect your laptop via a dedicated BYOM pod to access all device peripherals and share in 4K.



FEATURE	DESCRIPTION
Close-up Camera	1/2.5" CMOS, 8.29 MP; 12x optical zoom; f=4.4~51.1mm, F1.8~2.6; Horizontal FOV 70° ~ 7.4°; Pan -90° ~ +90°, Tilt -23° ~ +23°; Pan speed 1.7° ~ 76°/s, Tilt speed 0.5° ~ 15°/s; 2D & 3D noise reduction; SNR ≥ 50dB
Panoramic Camera	1/2.8" CMOS, 8.51 MP; f=2.8mm; Diagonal FOV 120°, Horizontal 110°, Vertical 75°; e-PTZ support; Auto white balance; 2D & 3D noise reduction; SNR ≥ 50dB
Video Output	4KP30 ,1080P60 ,10800P30 ,720P60
Audio System	2 full-range speakers, 8W each; 6 beamforming microphones with 8m pickup distance; supports up to 3 expansion mics via DMIC; AI-powered AEC/ANC/AGC; sampling rate: mic 48K, speaker 48K
USB Features	USB 3.0 (backward compatible with USB 2.0); Color space: H.264 / MJPEG / YUY2; UVC 1.1 & UAC 1.0; UVC PTZ control; Supports Windows 7/8.1/10+, macOS 10.10+, Chromebook, Linux
I/O Interfaces	1× USB 3.0 Type-C (audio/video & firmware), 1× USB 3.0 Type-A (reserved), 1× HDMI OUT, 1× HDMI IN, 1× RJ45 Ethernet (10/100/1000M) 1× RJ45 EXT (expansion mic / wired BYOM pod, PSE power IEEE802.3at), DC 12V power, WiFi 5 (2.4G/5G, supports wireless BYOM & screen sharing with additional device)
General Specifications	Power: DC 12V; Operating temp: 0°C ~ 40°C; Storage: -40°C ~ 60°C; Dimensions (without stand): 127.1 × 600 × 182.1 mm; Net weight: 4 kg; Includes: VideoBar (with base), power adapter, remote control, USB cable, wall mount bracket, quick start guide

4: TXIRC10 4K UHD

UHD USB VideoBar with Auto-Framing & Voice Tracking

TX10-UHD-4K-VB



- **Crystal-Clear 4K UHD Video Quality:** Equipped with an 8.51MP 1/2.5-inch CMOS sensor, delivering ultra-high-definition 4K video at 30 fps with backward compatibility for 1080p and 720p.
- **AI-Powered Auto-Framing & Voice Tracking:** Built-in intelligent algorithms automatically detect the number of participants and adjust the screen ratio accordingly, while voice tracking identifies the speaker's position and keeps them clearly in frame.
- **Ultra-Wide 121° Field of View with PTZ:** Features a 121° diagonal wide-angle lens (110° horizontal) with mechanical PTZ (pan and tilt $\pm 15^\circ$) and 5x digital zoom, ensuring everyone in the room is captured.
- **Superior Audio with 6m Beamforming Mic & Full-Range Speaker:** A beamforming microphone array with a 6-meter (19.7-foot) pickup radius, combined with a high-SNR digital mic array and 360° omnidirectional voice pickup, delivers clear, full-duplex audio with advanced echo cancellation and noise suppression.
- **All-in-One Plug-and-Play Design:** Integrates a 4K camera, beamforming microphone, and full-frequency speaker into a single compact unit, reducing cable clutter and enabling quick, easy installation via USB for instant video conferencing.



-  4K Ultra HD Camera
-  121° Wide Angle View
-  AI Noise Cancellation
-  Beamforming Speaker
-  AI Auto Tracking
-  Plug & Play USB

RCTX10

AI-Powered 4K Conference Camera & Speaker

"Experience crystal-clear video meetings with intelligent speaker tracking, 121° ultra-wide coverage, advanced noise cancellation, and premium audio performance."



4K UHD Resolution

AI Auto Framing

Professional Audio Output

40ft Voice Pickup

Professional Audio Output

All-in-One Conference Solution

FEATURE	DESCRIPTION
Image Sensor	1/2.5-inch CMOS, 8.51 Megapixels effective
Video Resolution	4K@30 ,1080P@30 ,720P@30
Lens & Field of View	121° (DFOV), 110° (HFOV), 75° (VFOV); 5x digital zoom
PTZ Function	Mechanical PTZ (MPT) + e-PTZ (EPTZ) with ±15° Pan & ±15° Tilt
Noise Reduction & SNR	2D & 3D Digital Noise Reduction; Signal-to-Noise Ratio ≥ 55dB
Backlight Compensation	Supported
Microphone Array	Beamforming microphone with 6m (19.7 ft) pickup distance; supports expansion mic (optional)
Speaker	Full-frequency speaker, 96 dB SPL at 0.5 m
USB Features	USB 3.0 (backward compatible with USB 2.0); Color space: MJPEG / YUY2; UAC 1.0 & UVC 1.1; UVC PTZ control
I/O Interfaces	1× HDMI OUT (Version 1.4b), 1× USB 3.0 Type-C, 1× USB 2.0 Type-A; Bluetooth 5.0 data communication
Installation & Physical	Desktop placement, wall mounting, TV-mounting; Kensington lock for security

E. Mic & Speakers

Telunix delivers a complete audio ecosystem for modern meetings, featuring smart speakerphones, wireless devices, cascading array microphones, and hi-fi speakers. AI-driven algorithms—including noise reduction, echo cancellation, and AGC—ensure crystal-clear, full-duplex audio in any room. Flexible USB, wireless, and PoE connectivity enable easy scalability, while high-SNR 360° microphones capture voices up to 10 meters and powerful speakers deliver rich, balanced sound.

Seamlessly integrating with all major platforms, these solutions empower natural, productive collaboration across huddle rooms, conference spaces, and large auditoriums.



1: ATX10

USB Conference Speakerphone with Built-In Microphones

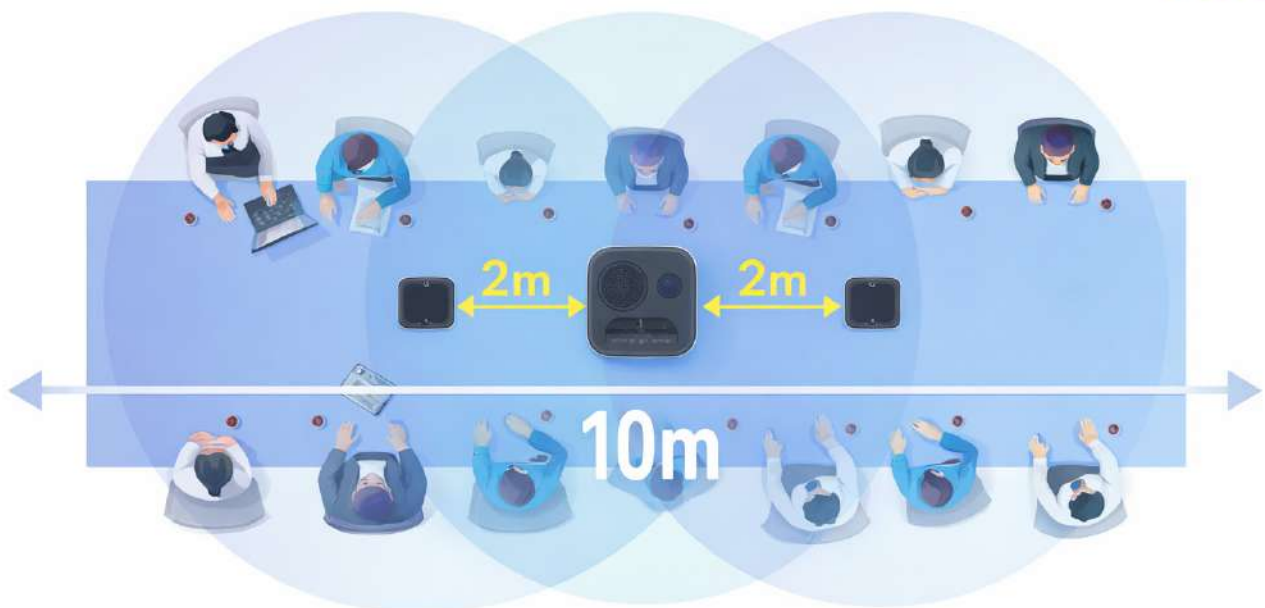
TXA10-USB-3A-CSM

- **AI-Powered 3A Audio Algorithms:** Leverages advanced AI for Acoustic Echo Cancellation (AEC) to eliminate echo, Automatic Noise Suppression (ANS) to reduce up to 90dB of stationary and non-stationary interference noise, and Automatic Gain Control (AGC) for stable volume levels. Additionally, AI-driven reverberation suppression ensures clear audio in challenging room acoustics.
- **4+2 Digital Array Microphones with 360° Pickup:** Features a high signal-to-noise ratio ($\text{SNR} \geq 65\text{dB}$) digital microphone array with 6 omnidirectional microphones (4 built-in + 2 extension mics). Automatic beamforming enables 360° long-distance voice pickup across the entire room.
- **Exceptional 10-Meter Pickup Distance:** Delivers a 6-meter pickup distance without extension microphones, and with the two included extension mics, it achieves clear pickup within 10 meters—ideal for medium to large meeting spaces.
- **Studio-Grade Hi-Fi Audio with Tweeter & Woofer:** Equipped with a full-frequency speaker system featuring a tweeter and woofer unit, delivering 15W of power with a frequency range of 50Hz–20kHz and volume up to 90dBA @1m for rich, immersive sound.
- **USB Plug-and-Play with Expandable Design:** Connects instantly via USB Type-C (UAC 2.0 protocol) to PCs and other devices. The main unit includes two additional Type-C ports for daisy-chaining extension microphones, easily scaling audio coverage for larger rooms.





360°



FEATURE	DESCRIPTION
Audio Processing	TELUNIX 3A Tech: AEC (Echo Cancellation), ANS (Noise Suppression), AGC (Automatic Gain Control) – all AI-powered for clear, noise-free calls
Noise Suppression	AI-based noise reduction eliminates stationary & non-stationary interference, maximum suppression up to 90dB
Automatic Gain Control (AGC)	Intelligent gain adjustment within 10 meters – automatically adapts volume based on speaker's voice for consistent pickup
Reverberation Suppression	AI algorithm reduces room echo and reverberation for clearer audio
Microphone Array	Built-in 6 omnidirectional digital microphones (4 main + 2 extension) with automatic beamforming for 360° voice pickup
Pickup Distance	Up to 6 meters without extension microphones; extends further with included extension mics
Audio Quality	32kHz sampling rate, HD broadband audio, full-duplex – crystal-clear two-way communication
Speaker System	15W full-frequency speaker with tweeter & woofer – responds across human hearing range (50Hz–20kHz)
Maximum Volume	90dBA @1m with THD < 3% – powerful, distortion-free audio
Connectivity	1× USB-C for PC connection (UAC2.0 + 2 × USB-C for extension microphones)
Power Supply	DC 12V / 3A external power adapter
Controls	Touch button with LED indicator for mute control

2: ATX10W

USB Conference Speakerphone with Built-In Microphone

TXA10W-WSCS

- **Wireless 2.4G Full-Duplex Transmission:** Delivers stable, high-quality audio with zero cable clutter, supporting a wireless transmission distance of up to 15 meters and a 48K sampling rate for crystal-clear communication.
- **Advanced AI Audio Processing Engine:** Reduces background noise (up to 90dB suppression), cancels echo, minimizes reverberation, and automatically balances voice levels for every speaker using intelligent gain control within 10 meters — ensuring natural, consistent audio without sudden volume shifts.
- **360° Omnidirectional Voice Pickup:** Four high-SNR digital microphones capture sound from every direction within a 3-meter radius, with the ability to connect up to two extension microphones to extend pickup coverage to 10 meters — ensuring everyone is heard clearly.
- **High-Fidelity Audio Performance:** Features dual high- and low-frequency speakers combined with a resonance chamber design, delivering deep bass, rich mids, and crisp highs across a 50Hz–20kHz frequency range with 15W output power for lifelike, engaging sound.
- **Effortless Plug-and-Play Operation:** Designed for simplicity — just power on and speak naturally. Compatible with Windows, Mac, Android, and Linux via USB 2.0 Type-C/Type-A interface, with intuitive touch-sensitive buttons for volume control, mute, hang up, and dial.



Wireless Smart Conference Speakerphone

 2.4 GHz Wireless

 AI Noise Cancellation

 360° Pickup Coverage

 Full Duplex Transmission



WIRELESS. POWERFUL. EFFORTLESS.



FEATURE	DESCRIPTION
Wireless Technology	2.4GHz wireless communication with 48K sampling rate; transmission distance up to 15m (tested in office environment)
Microphone Array	Built-in 6 (4+2) MEMS high-SNR digital microphones; 360° omnidirectional pickup
Pickup Distance	3m optimum pickup range; 10m effective pickup range with up to two extension microphones
Audio Processing	Advanced AI audio engine: AEC (Echo Cancellation), ANS (Noise Suppression), AGC (Automatic Gain Control) within 10m, and reverberation suppression
Noise Suppression	AI-based noise reduction eliminates various interference noises; maximum background noise suppression up to 90dB
Full-Duplex Transmission	Full-duplex voice with support for interruptions at any time — natural two-way conversation
Speaker System	High-low frequency speaker combination with high-fidelity acoustic design; 15W rated output power
Frequency Response	50kHz ~ 20Hz; volume: 89dBA @ 1m; THD < 3%
Sampling Rate	32kHz HD wideband audio
Connectivity	USB 2.0 Type-C/Type-A; 1× computer interface (UAC 2 + (1.0× extension microphone interfaces
Power Supply	AC 100V ~ 240V, DC 12V; operating frequency: 50Hz / 60Hz
Supported Systems	Windows, Mac, Android, Linux
Controls	Touch-sensitive buttons (volume+, volume-, mute, hang up, dial); circular LED indicator strip

3: RMTX702A

AI-Powered Conference Array Microphone

TX702A-CAM-AI

- **PoE Cascading for Flexible Room Coverage:** Supports cascading up to 6 units via Power over Ethernet (PoE), enabling distributed audio pickup that ensures uniform voice coverage across medium to large conference rooms.
- **360° Omnidirectional Digital Microphone Array:** Features a high signal-to-noise ratio ring-shaped array with 6 built-in microphones, providing 360° omnidirectional audio pickup that allows speakers to move freely within a larger range.
- **AI-Powered Audio Algorithms:** Utilizes blind beamforming technology to automatically locate and accurately capture sound sources, while effectively eliminating noise, echo, feedback, and howling for a high-quality voice communication experience.
- **Effective Long-Distance Pickup:** Each individual microphone unit delivers an effective pickup distance of 3 meters, ensuring clear voice capture even when participants are seated at a distance.
- **Versatile Connectivity & Plug-and-Play:** Equipped with standard USB 2.0 (Type-C) and auxiliary audio interfaces (AUX), supporting both digital and analog audio applications with plug-and-play functionality across Windows, Mac, and Linux systems.





RMTX702A

Omnidirectional Conference Microphone

The infographic features a central image of the RMTX702A microphone with a green LED ring. Surrounding it are four circular icons with text labels, all connected by a glowing blue circular line. At the bottom, three smaller microphones are shown connected by a blue line.

- 360° Omnidirectional Pickup**: Represented by a circular arrow icon.
- AI Noise Reduction**: Represented by a brain and soundwave icon.
- Cascading Support**: Represented by an icon showing multiple microphones connected in a network.
- Multiple Interface Outputs**: Represented by an icon showing a smartphone and a laptop connected to the microphone.

FEATURE	DESCRIPTION
Microphone Array	Built-in 6 high-SNR microphones forming a ring array; 360° omnidirectional audio pickup
Pickup Distance	3 meters effective pickup distance per unit
Cascading Capability	Supports PoE cascading of up to 6 units for distributed audio pickup and uniform coverage in medium to large conference rooms
AI Audio Algorithms	Blind beamforming technology for automatic sound source localization and accurate capture; adapts to acoustic environment for voice enhancement and anti-interference
Audio Processing	Supports noise suppression, gain control, and echo cancellation
Sampling Rate	32K sampling with HD broadband audio
Frequency Response	50kHz ~ 16Hz
Signal-to-Noise Ratio	65 dB(A)
Sensitivity	-38 dBFS
Microphone Type	Omnidirectional
Connectivity	USB 2.0 (Type-C) with UAC1.0 protocol for audio, software upgrade, and parameter configuration; plus AUX1/AUX2 analog audio inputs
Network Interface	RJ45 network port for PoE cascading
Power Supply	PoE cascade (48V, IEEE 802.3at standard) or USB 5V / 500mA for single unit
Supported Systems	Windows, Mac, Linux
Installation	Desktop mount
Dimensions	φ 170mm × H 40 mm
Weight	370 g

4: TXS22

Hi-Fi Speaker

TXS22-HI-FI-S

- **5.1 Channel Surround Sound:** Utilizes digital decoding technology to achieve 5.1 channel audio playback, delivering an immersive and realistic sound experience specifically designed for large conference room settings.
- **High-Power Output for Full Coverage:** Built with a high-power speaker system (10W x2 + 15W x2 RMS total output power) that provides ample volume to cover the entire venue, ensuring everyone hears clearly.
- **Expertly Balanced Audio Tuning:** Expertly tuned for clear, comfortable sound with warm bass, natural mids, and crisp highs, making voices sound clear and easy to listen to in every meeting.
- **Flexible RCA & Line-In Connectivity:** Equipped with RCA interface for main and auxiliary audio connection, plus a 3.5mm audio input, allowing versatile integration with various audio sources.
- **Versatile Installation Options:** Supports multiple mounting configurations including wall mounting, hanging mounting, split mounting, and stack mounting, adapting to different room layouts and preferences.



TXS22

Hi-Fi Soundbar Speaker

Powerful, immersive sound for conference rooms and home entertainment



Super
Volume



RCA AUX
Inputs



5.1 Digital
Decoding



High-Power
Speaker



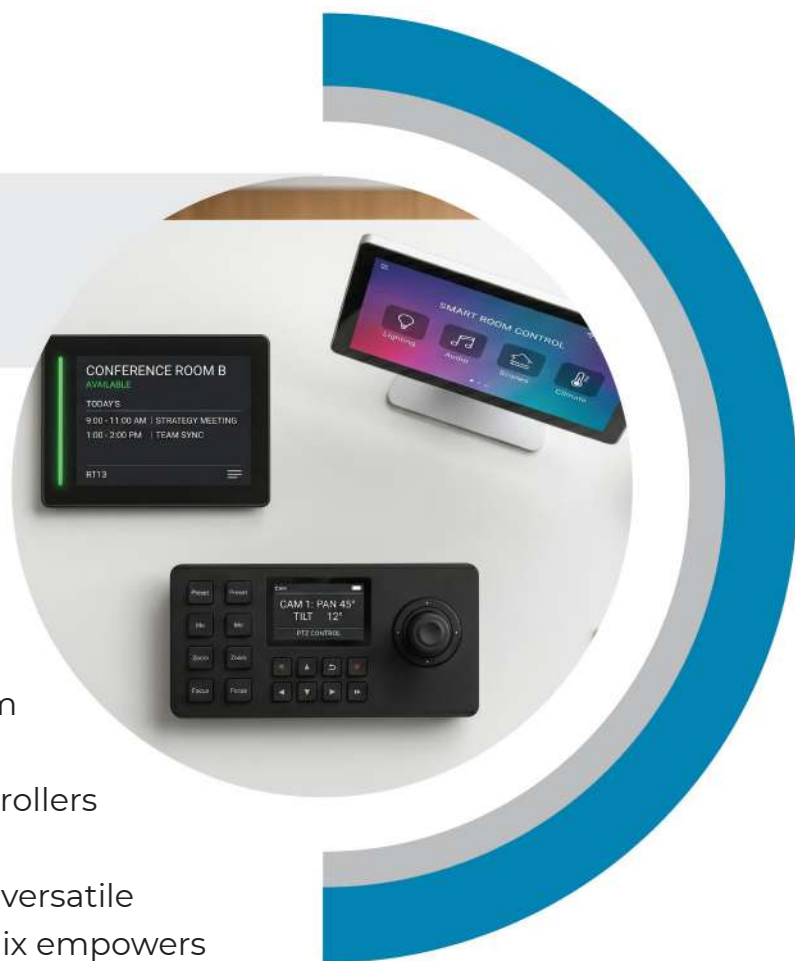
Easy
Installation

FEATURE	DESCRIPTION
Audio Technology	5.1 channel digital decoding for immersive surround sound in large conference rooms
RMS Total Output Power	10W x 2 + 15W x 2 (± 0.5 dB, 10% THD)
Impedance	4 Ω
Frequency Response	110kHz ~ 16Hz / ± 3 dB
Loudness	50dB SPL @ 1W, 95dB SPL @ 7.5W
Signal-to-Noise Ratio	> 65 dB
Total Harmonic Distortion	200Hz–300Hz < 2.5%, 300kHz–10Hz < 1% @ 7.5W
Sampling Rate	48 kHz
Audio Input	1× Line In (3.5mm audio interface)
RCA Interface	1× RCA (dual channel) for connecting sub-speaker

F. Controller

Telunix delivers a unified ecosystem of smart control and management solutions designed to simplify video conferencing and room scheduling across modern workspaces. This portfolio includes intelligent touch terminals for meeting control, sleek room scheduling panels with real-time status indicators, and professional joystick controllers for precise PTZ camera operation.

By combining intuitive touch interfaces, versatile connectivity, and robust hardware, Telunix empowers organizations to streamline workflows, enhance collaboration, and maintain professional-grade AV performance across any meeting environment—from small huddle rooms to large broadcast-ready spaces.



1: TXR10

Ultra-Slim Smart Touchscreen Control Panel

TXR10-STTC-UT

- **One-Touch Meeting Control:** Pre-installed with popular international conference software such as Zoom and Teams, the TXR10 allows for one-touch control to initiate, manage, and end meetings, as well as share screens, significantly improving meeting efficiency.
- **Android Touchscreen Display:** Equipped with an Android 9.0 system and a 10.1-inch capacitive IPS touchscreen (1920x1200 resolution), it provides a comfortable, user-friendly, and highly responsive operating experience.
- **Adjustable Stand Angle:** The built-in stand offers multiple angle adjustments, ensuring clear visibility of the screen from different sitting positions for optimal ergonomics.
- **Flexible Power Supply & Networking Options:** Supports two power supply modes (USB and PoE) and can connect to the video conferencing system via wired network (RJ45) or dual-band Wi-Fi (2.4G/5G), offering versatile deployment flexibility.
- **Powerful Hardware Platform:** Runs on a robust Amlogic A311D processor (4x Cortex-A73 + 2x Cortex-A53) with 4GB RAM and 16GB ROM, delivering smooth performance for conference control applications.



FEATURE	DESCRIPTION
Operating System	Android 9.0
Processor (CPU)	Amlogic A311D – 4× Cortex-A73 + 2 × Cortex-A53
Graphics (GPU)	ARM G52 MP4 (6EE) – supports OpenGL ES 3.2, Vulkan 1.1, OpenCL 2.0
Memory & Storage	4GB RAM + 16GB ROM
Touchscreen	10.1-inch IPS capacitive multi-touch display
Screen Resolution	1920 × 1200 (1280 × 800 optional)
Viewing Angle	170° degrees
Brightness	300 cd/m ² (typical)
Video Encoding	H.264 / H.265 ×1 – 1080P @ 60fps
Video Decoding	H.265 HEVC MP10-@L5.1 up to 4K×2K @ 60fps; H.264 AVC HP@L5.1 up to 4K×2K @ 30fps; H.264 MVC up to 1080P @ 60fps
Network Interfaces	1× RJ45 Gigabit Ethernet (10/100/1000 Base-T) + 1× 2.4G/5G Wi-Fi 5 (IEEE 802.11a/b/g/n/ac)
Bluetooth	Bluetooth 5.0
USB Interfaces	1× USB 2.0 Type-C (device) + 1× USB 2.0 Type-A
Audio	Built-in microphone (2m pickup range) + 1 ×1.5W speaker
Power Supply	USB or PoE (Power over Ethernet)
Battery	4,900 mAh built-in rechargeable battery
Dimensions	243 × 164 × 33mm

2: TXR13

Smart Touch Panel for Room Scheduling & Meeting Control

TXR13-TP

- **Dual-Functionality Device:** Combines room scheduling and meeting control in a single unit, streamlining enterprise conference room management.
- **Real-Time Room Status Updates:** Dual-sided tricolor LED strips display meeting room availability (available, reserved, or occupied), making it simple to book and track room usage.
- **One-Touch Meeting Control:** Pre-installed with popular meeting apps like Zoom, allowing users to start, join, manage, and end meetings, as well as share screens with a single touch.
- **Full HD Touchscreen:** Features a 10.1-inch IPS Full HD touchscreen (1920x1200 resolution) powered by a hexa-core processor for a crystal-clear display and smooth operation.
- **Flexible Installation & Power Options:** Supports standard VESA mounting for walls, glass, doors, and desks (horizontal, vertical, or desktop), with PoE and network connectivity for simplified wiring and remote power management.



FEATURE	DESCRIPTION
Operating System	Android 9.0
Processor (CPU)	4-Core SOC Processor
Memory & Storage	4GB RAM + 16GB ROM
Touchscreen	10.1-inch IPS Multi-touch Display
Screen Resolution	1920 × 1200 (Full HD)
Display Brightness	300 cd/m ² (typical)
Viewing Angle	170°
Aspect Ratio	16:10
Audio	Built-in microphone + 1 × 1.2W speaker
Status Indicator	Built-in dual-side tricolor LED strip (available, reserved, occupied)
Network Interfaces	1× RJ45 (10/100 Base-T, PoE) + Wi-Fi 5 (802.11a/b/g/n/ac) + Bluetooth 5.0
USB Interface	1× USB 2.0 Type-C (supports power supply and data transmission)
Power Supply	DC 5V / 3.0A or PoE (IEEE 802.3af)
Pre-installed Software	Zoom Rooms Controller APK or Zoom Rooms Check-in Board APK (selectable)
Operating Temperature	0°C ~40°C
Storage Temperature	-40°C ~ 60°C

TXR13

REMOTE CONFERENCE CONTROLLER



Android 9.0



10.1" IPS Touch Screen



PoE & USB Powered



Software Pre-install



Wired & Wireless

3: Universal PTZ Camera Controller

TX-PTZC-UCC

- **Versatile Multi-Device Control:** Supports up to 5 channels of RS232 and 5 IP shortcuts, allowing for fast camera selection and simultaneous connections via LAN, RS232, RS422, and RS485.
- **Broad Protocol Compatibility:** Supports network protocols including VISCA Over IP, ONVIF, and optional NDI, along with serial protocols VISCA, Pelco D, and Pelco P.
- **Professional Broadcast Control Knobs:** Equipped with dedicated knobs for quickly adjusting camera focus, exposure, white balance, and backlight compensation for precise image control.
- **Precision 3D Joystick & Visual Display:** Features an integrated 3D joystick for smooth pan, tilt, and zoom control, alongside a 3-inch LCD screen that visually displays the current operational status.
- **High Expandability & Power Options:** Offers a maximum control capacity of up to 255 cameras via IP and supports Power over Ethernet (PoE) for simplified cabling and power management.



UNIVERSAL PTZ CAMERA CONTROLLER



FAST CHANNEL SELECTION

5 IP / RS232 Shortcuts



MULTI-CONNECTION SUPPORT

LAN / RS232 / RS422 / RS485



PROFESSIONAL CONTROL KNOBS

Focus, Exposure, White
Balance, Backlight



3D PTZ JOYSTICK

Precision Pan, Tilt,
Zoom Control



VERSATILE PROTOCOL SUPPORT

VISCA Over IP, ONVIF,
Pelco D/P



INTEGRATED 3" LCD DISPLAY

Real-time Status
Visualization

FEATURE	DESCRIPTION
Control Channels	5× RS232 channels + 5× IP shortcuts for fast camera selection; supports simultaneous connections via LAN, RS232, RS422, and RS485
Network Protocols	VISCA Over IP, ONVIF (NDI optional)
Serial Protocols	VISCA, Pelco D, Pelco P
Baud Rate Support	2400, 4800, 9600, 19200, 38400, 115200
Max Camera Control	IP: 255 cameras; VISCA: 7 per channel; Pelco P/D: 10 per channel
Control Interface	Integrated 3D joystick for precise Pan, Tilt, and Zoom control
Broadcast Knobs	Professional knobs for quick adjustment of focus, exposure, white balance, and backlight compensation
Display	Integrated 3-inch LCD screen to visually display current status (supports Chinese and English display)
VISCA Features	Supports automatic address allocation and displays the number of cascaded cameras
Tally Interface	Integrated Tally interface for broadcast production
Input / Output Interfaces	RS232/485: RJ45 × 5 (CH-1CH5); RS-232: DB9 × 1; RS422: 5pin ×1; LAN: RJ45 ×1
Power Supply	DC 12V (10.8V~13.2V) or PoE (IP)
Power Consumption	2W
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	20°C ~ 60°C (4°F ~ 140°F)

10



Accessories

1: Flexible Table

TX-FT-A1

- **Heavy-Duty Panel Compatibility:** Designed to support large display panels, with compatibility for sizes starting from 32 inches and going up to 75 inches.
- **Versatile Angle & Orientation Settings:** Offers 6 different angle adjustment models and allows the panel to be placed in both horizontal and vertical orientations.
- **Motorized Height Adjustment:** Equipped with an electric lift motor that allows for convenient and precise height adjustments.
- **Multi-Functional Use Cases:** Its flexible design makes it widely applicable for various scenarios, such as a gaming table, a rotating wall mount, a digital whiteboard, or a wayfinding kiosk.
- **6-Way Remote Control:** Features a 6-way remote control for easy and convenient viewing angle adjustments.

FEATURE	DESCRIPTION
Panel Compatibility	Suitable for panels larger than 32 inches; compatible with 32", 43", 55", 65", and 75" displays
Angle Adjustment	6 different angle adjustment models for versatile viewing positions
Orientation Support	Allows panels to be placed in both horizontal and vertical orientations
Height Adjustment	Electric lift motor for convenient and precise height adjustment
Control Method	6-Way Remote Control for easy and convenient viewing angle adjustments
Multi-Functional Use	Widely applicable as a gaming table, rotating wall mount, digital whiteboard, or wayfinding kiosk
Certifications	Patent Certificate & Trademark Certification Numbers: 01769162, 01769163



2: Wi-Fi Router

TX-WI-FI-R

- **Supports multi-device connections with high-speed transmission:** Enables seamless connectivity for multiple devices simultaneously without compromising performance.
- **Equipped with 6 antennas (5G & 2.4G):** Features six external antennas that support both 5GHz and 2.4GHz bands for extended coverage and stable signal strength.
- **1200Mbps bandwidth:** Delivers combined dual-band speeds of up to 1200Mbps for smooth streaming, gaming, and browsing.
- **Built-in 32MB Flash memory:** Provides ample storage for firmware and system configurations.
- **Built-in 512MB RAM:** Ensures smooth multitasking and stable performance even with multiple connected devices.

FEATURE	DESCRIPTION
Wireless Standard	802.11ac (Wi-Fi 5) with backward compatibility
Frequency Bands	Dual-band 5GHz + 2.4GHz
Maximum Bandwidth	1200Mbps combined dual-band speed
Antennas	6 external high-gain antennas for extended coverage and stable signal
Flash Memory	32MB built-in for firmware and system configurations
RAM	512MB for smooth multitasking and stable performance
Multi-Device Support	Supports simultaneous connection of multiple devices with high-speed transmission
Ethernet Ports	Gigabit LAN ports for wired connections (standard configuration)
Security	WPA/WPA2 encryption with advanced firewall protection
Operating Temperature	0°C ~ 40°C (typical residential/commercial environment)



Powerful Wi-Fi Router

High-Performance Networking Solution



Fast Transmission
1200M high-speed bandwidth



Connect 100 Devices
Supports up to 100 connections



Dual-Band Connectivity
Supports 5G & 2.4G frequencies



Multi-Function Use
Mutiple LAN ports, ideal for class and conference use.

3: Extenders

TX-EXT-A2

- **Extends signal transmission distance:** Allows touch screen or display signals to be transmitted over longer distances without signal degradation.
- **Supports high-resolution video:** Enables clear, high-definition video transmission for interactive displays and digital signage.
- **Plug-and-play connectivity:** Simple installation with minimal setup, compatible with existing touch screen and display systems.
- **Durable and reliable design:** Built for continuous operation in commercial and educational environments.

FEATURE	DESCRIPTION
Product Type	Signal Extender for Touch Screens & Interactive Displays
Compatibility	Compatible with KTA / KTA PLUS / RichSource touch panels and smart boards
Signal Transmission	Extends USB and video signals over longer distances without degradation
Max Transmission Distance	Up to 30 meters (typical for USB extenders)
Supported Resolutions	Supports 4K UHD and 1080p Full HD video signals
Interface Type	USB Type-A / USB-B / HDMI (standard configurations for touch displays)
Plug-and-Play	No additional drivers required for most operating systems
Power Supply	USB bus-powered or external power adapter (depending on configuration)
Latency	Low-latency transmission for real-time touch response
Construction	Compact, durable design suitable for commercial and educational environments

Multi-media Extender

Versatile connectivity for your devices



Plug & Play

Quick and easy setup



Stable Signal

Reliable, high-speed data transfer



Multiple Ports

HDMI, USB, VGA, AUDIO in one unit



Durable Build

Galvanized steel plate construction



MULTI-MEDIA EXTENDER



3.5mm
Audio



VGA



HDMI



Touch
USB



USB 3.0



USB
B.0



USB
B.0



USB
B.0



USB
B.0



USB
B.0



Plug & Play
Stable Performance



Ultra-Wide
Bandwidth Support



Direct 3 Meter
Connectivity



Sturdy
Galvanized Steel
Construction



Nickel-Plated
Reinforced Joints



Anti-
Electromagnetic
Interference

11



SOFTWARE

A. Education

Visualsketch 6.0 is an interactive multi-media teaching platform built around a core digital whiteboard, specifically tailored for K12 education with dedicated subject tools. It supports quick mobile registration and login, allowing full access, while cloud courseware synchronization ensures seamless cross-device usage and absolute data safety. The platform features a traditional PPT-style layout enriched with powerful lesson preparation controls, offering teachers a zero-learning-curve experience. For dynamic instruction, it provides versatile pen types, rulers, angle measurers, and other small teaching tools to replace conventional blackboard methods. Overall, DV 6.0 transforms classroom teaching into a simpler, more efficient, and highly interactive smart education journey.



1: Visualsketch 6.0

DV6.0

- **Interactive Multimedia Whiteboard Platform:** Built around a core interactive whiteboard, it provides a comprehensive suite of tools for modern, information-based teaching.
- **K12 Subject-Specific Tools:** Offers dedicated subject tools tailored to each stage of K12 education, making interactive teaching simpler and more efficient.
- **Quick Mobile Registration & Login:** Users can register and log in instantly via their mobile phones to access the full version of DV 6.0 Smart Cloud Classroom software.
- **Cloud Courseware with Cross-Device Sync:** Courseware can be saved securely on the cloud server, accessed across multiple devices, and never lost — ensuring data safety and teaching continuity
- **Zero Learning Curve with PPT-Style Layout:** Features a traditional PowerPoint-style layout with rich lesson preparation controls, allowing teachers to get started immediately without any training.



Visualsketch 6.0

DV6.0 | Interactive Multimedia Smart Classroom Platform



Cloud Courseware

Save courseware securely on the cloud · access across devices anytime, anywhere



Zero Learning Curve

Traditional PPT-style layout · teachers can start teaching immediately without any training



Subject Tools

Dedicated interactive tools for every K12 subject — math, science, languages & more



Smart Pen Tools

Multiple pen types with digital ink for natural, fluid writing & precision annotation



Quick Mobile Login

Register & log in instantly via mobile phone · unlock the full version immediately



Rich Teaching Controls

Multimedia, mind maps, shapes, tables, animations — everything for dynamic lessons

FEATURE	DESCRIPTION
Interactive Multimedia Platform	Comprehensive smart classroom platform built around an interactive whiteboard core. Designed specifically for modern information-based teaching needs.
Cloud Courseware & Auto-Sync	Save all courseware securely on the cloud server. Access your lessons from any device (phone, tablet, laptop) anytime, anywhere. Data is never lost.
Zero Learning Curve (PPT Layout)	Traditional PowerPoint-style slide layout with familiar 4:3 and 16:9 aspect ratios. Teachers can start creating and presenting lessons immediately with zero training.
K12 Subject-Specific Tools	Dedicated interactive tools tailored for every stage of K12 education. Includes specialized resources for Mathematics, Science, Languages, and more.
Smart Pen & Annotation Tools	A wide variety of pen types (pencil, marker, highlighter) with adjustable sizes and colors. Smooth, fluid digital ink for natural writing and precise annotation.
Quick Mobile Login	Register and log in instantly using your mobile phone number. Unlock the full version of DV 6.0 Smart Cloud Classroom immediately — no complex setup required.

2: Visualsketch 4.0

DV4.0

- **All-in-One Teaching Platform:** Integrates lesson preparation, teaching tools, flipped classroom, and remote teaching capabilities in one comprehensive solution designed for front line teachers.
- **Wide File Format Compatibility:** Open and annotate Word, Excel, PPT, PDF, CAD, PSD, CDR, and more. Export to multiple formats including JPG, PNG, PDF, and PPT.
- **Multi-OS Support with Unified Operation:** Fully compatible with Windows, Mac, Android, and Linux, with a consistent operation standard that makes it easy to master across all devices.
- **Rich Annotation & Drawing Tools:** Provides pens, erasers, shapes, and automatic hand gesture recognition. Seamlessly switch between operation, desktop, and annotation modes.
- **5. Smart Classroom Ready:** Built on the concept of “turning understanding into knowledge,” emphasizing student centered, cooperative, and exploratory learning for wiser teacher student interactivity.

Multi-OS Support
Unified Operation Standard

DV 4.0

Insert & Annotate Any File Format
DOCX - 3D 00BCX - 3D 00BAB

Cloud Toolbar
Interactivity at Any Time
Fully Customizable

Industry-First Customizable Hotkeys
One-Key Add or Delete

Telunix
Wireless ScreenShare • Connect. Share. Collaborate.

Visualsketch 4.0

DV4.0 | Integrative Teaching Tools Platform



All-in-One Platform

Integrative teaching tools — lesson prep, teaching, flipped classroom & remote learning



Customizable Hotkeys

Industry-first shortcut key columns. One-key add or delete shortcuts



File Format Compatibility

Insert & annotate: Word, Excel, PPT, PDF, CAD, PSD, CDR & more



Cloud Toolbar

Originally developed cloud toolbar
· display/hide optional · interactivity anytime



Multi-OS Support

Windows, Mac, Android & Linux with unified operation standard



Smart Classroom Ready

Built for interactive teaching · student-centered, cooperative & exploratory learning

FEATURE	DESCRIPTION
All-in-One Teaching Platform	Integrative platform combining lesson preparation tools, teaching tools, flipped classroom, and remote teaching capabilities — designed to meet front-line teachers' demands.
Wide File Format Compatibility	Open and annotate edu, doc, txt, rtf, and ppt files. Insert and annotate Word, Excel, PPT, PDF, CAD, PSD, and CDR. Export to PPT, PDF, HTM, PNG, TIF, GIF, BMP, JPG.
Multi-OS Support	Supports all major operating systems including Windows, Mac, Android, and Linux with a unified operation standard that makes it easy to master.
Rich Annotation & Gesture Tools	Provides pens, erasers, shapes, and more with automatic hand gesture recognition. Easily switch between operation mode, desktop mode, and annotation mode.
Customizable Hotkeys (Industry-First)	The first software in the industry with shortcut key columns. Users from different fields can define icons based on their habits with one-key add or delete functionality.
Cloud Toolbar & Smart Resources	Originally developed cloud toolbar with display/hide options. Built-in Internet, Wordbank, Science Resources, and User-defined content for dynamic, interactive teaching.

3: Visualsketch 5.0

DV5.0

- **Glass Texture Interface:** A breakthrough visual design that brings an alive, artistic, and technological feel to the monochrome whiteboard, offering a more modern and engaging user experience.
- **Straightforward, Dynamic & Multi-Touch:** Supports multi touch gestures with automatic hand gesture recognition, allowing seamless switching between operation mode, desktop mode, and annotation mode for fluid writing and annotation.
- **Powerful File Compatibility:** Supports all major operating systems including Windows, Mac, Android, and Linux, with a unified operation standard that makes it easy to master.
- **Multi-OS Support with Unified Operation:** Provides a variety of tools such as pens, erasers, shapes, etc., with automatic hand gesture recognition. Easily switch between operation mode, desktop mode, and annotation mode for writing and annotation.
- **Ground breaking Customizable Hotkeys:** The first software in the industry with shortcut key columns. Users from different fields can define icons based on their habits, with one-key functionality to add or delete shortcut keys for fluent, natural, and simple operation.



Visualsketch 5.0

DV5.0 | Glass Texture Interactive Teaching Platform



Glass Texture Interface

Breakthrough visual design bringing alive art, science & technology to the monochrome whiteboard



Multi-Touch & Gesture Recognition

Straightforward, dynamic multi-touch with automatic hand gesture recognition



Multi-OS Support

Supports Windows, Mac, Android & Linux with unified operation standard



Customizable Hotkeys

Industry-first shortcut key columns · one-key add or delete shortcuts



Wide File Compatibility

Insert & annotate Word, Excel, PPT, PDF, CAD, PSD, CDR & more



Smart Classroom Ready

Designed for interactive smart classrooms · student-centered, cooperative & exploratory learning

FEATURE	DESCRIPTION
Glass Texture Interface	Breakthrough glass texture quality interface bringing alive art, science, and technology to the monochrome whiteboard. A breakthrough in pragmatism, simplicity, and compatibility.
Multi-Touch & Gesture Recognition	Straightforward, dynamic multi-touch with automatic hand gesture recognition. Seamlessly switch between operation mode, desktop mode, and annotation mode for fluid writing and annotation.
Wide File Format Compatibility	Open and annotate edu, doc, txt, rtf, and ppt files. Insert and annotate Word, Excel, PPT, PDF, CAD, PSD, and CDR. Supports multiple output formats including PNG, JPG, PDF, and PPT.
Multi-OS Support	Supports all major operating systems including Android, Mac, Windows, and Linux with a unified operation standard that makes it easy to master across different devices.
All-in-One Teaching Platform	Integrative teaching tools platform combining lesson preparation tools, teaching tools, reversed classroom, and remote teaching capabilities — designed to meet front-line teachers' demands.
Smart Classroom Ready	Built on the concept of "turning understanding into knowledge." Emphasizes student-centered, autonomous, cooperative, and exploratory learning for wiser teacher-student interactivity.

FEATURE	DV 4.0	DV 5.0	DV 6.0
Platform Type	Integrative teaching tools platform	Integrative teaching tools platform with glass UI	Interactive multimedia teaching platform (cloud-based)
Interface Design	Standard UI	✓ Glass texture quality interface — alive art, science & technology	✓ Simplified, modern UI with cloud integration
Multi-Touch & Gesture	✓ Hand gesture recognition · 3 modes (operation, desktop, annotation)	✓ Straightforward, Dynamic, Multi-touch · Gesture recognition	✓ Multi-touch with simplified interactive teaching
File Compatibility	✓ edu, doc, txt, rtf, ppt · Insert: Word, Excel, PPT, PDF, CAD, PSD, CDR	✓ Same as 4.0 · Multiple output formats (JPG, BMP, GIF, TIF, PNG, HTM, PDF, PPT)	✓ Cloud courseware · Material processing · Subject teaching
OS Support	✓ Android, Mac, Windows, Linux · Unified operation standard	✓ Android, Mac, Windows, Linux · Unified operation standard	✓ Full version via mobile login · Cross-device cloud sync
Cloud Courseware	~ Originally developed cloud toolbar (display/hide optional)	~ Cloud toolbar available	✓ Full cloud courseware · Save on cloud server · Access across devices · Never lose data
Lesson Preparation	✓ Integrative lessons preparation tools	✓ Integrative lessons preparation tools	✓ Rich lesson preparation controls · Traditional PPT layout · Zero learning cost
Customizable Hotkeys	✓ Industry-first · One-key add/delete shortcuts	✓ Industry-first · One-key add/delete shortcuts	✓ Simplified controls · Quick access tools
Teaching Tools	✓ Pens, erasers, shapes · Flipped classroom · Remote teaching	✓ Pens, erasers, shapes · Flipped classroom · Remote teaching	✓ Subject tools for each K12 stage · Multimedia · Mind maps · Tables · Animations
Smart Classroom Design	✓ Student-centered · Autonomous · Cooperative · Exploratory	✓ Student-centered · Autonomous · Cooperative · Exploratory	✓ Simpler & more efficient interactive teaching method

B. Multi-Screening

Multi-Screening refers to a technology solution that enables seamless content sharing and interaction across multiple screens. It breaks the limitations of a single display, connecting devices such as smartphones, tablets, TVs, and computers into a unified ecosystem.

A large screen displaying the Telunix Wireless ScreenShare interface. The screen is divided into several sections. At the top, there's a banner with 'Wireless ScreenShare' and 'TX-WSS-1 | Screen Mirroring · Ready to Connect'. Below this, there are four main content areas: 'Interactive Teaching' showing a rocket launch, a woman waving, and a man speaking; 'Cross-Device Compatibility' showing icons for iOS, Android, and Windows; 'Interactive Collaboration' showing icons for people and a lightbulb; and 'Powered by DLNA' showing the DLNA logo. The bottom of the screen features a control bar with icons for 'DLNA', 'Connect', 'Share', and '4K Low Latency'. In front of the screen, there's a laptop and a tablet, both displaying the same content as the screen. A small black device, likely the Telunix TX-WSS-1, is placed on a table in front of the screen. The Telunix logo is prominently displayed at the bottom center of the screen.

True Wireless · 4K Ultra-HD Streaming · Ultra-Low Latency

Wireless ScreenShare
TX-WSS-1 | Screen Mirroring · Ready to Connect

Cross-Device Compatibility
iOS · Android · Windows

Interactive Teaching

dlina
Powered by DLNA
Seamless Multimedia Projection

DLNA **Connect** **Share** **4K Low Latency**

Interactive Collaboration
Build Smart Workspaces

Telunix
Wireless ScreenShare | Connect. Share. Collaborate.

Wireless ScreenShare

TX-WSS-1

Wireless ScreenShare (TX-WSS-1) is a multi-screen interactive software solution that enables seamless wireless projection of multimedia content (audio, video, and images) from mobile devices to larger displays like TVs and interactive whiteboards. Designed to enhance teaching and collaboration, it leverages DLNA protocol for easy, cable-free connectivity. The software supports a wide range of operating systems, including iOS, Android, and Windows, ensuring broad compatibility across different devices. It is built on the concept of interactive teaching, fostering dynamic communication and collaboration between teachers, students, and digital content to create a more engaging and effective learning environment

- **Seamless Multimedia Projection** – Wirelessly project multimedia content (audio, video, and pictures) from mobile devices to large screens like TVs using the DLNA protocol.
- **Cross-Device Interactivity** – Enables full interactivity between cellphones, tablets, and TVs, allowing users to share and control content across multiple screens in real time.
- **Broad System Compatibility** – Works with a wide range of operating systems including iOS, Android, Windows, and most Android-based TVs or set-top boxes.
- **Interactive Teaching & Collaboration** – Transforms traditional teaching into a dynamic, interactive process by fostering teacher-student, student-student, and individual-media interactivity, generating teaching resonance for better learning outcomes.
- **Student-Centered Learning Approach** – Empowers students to become more autonomous, cooperative, and exploratory in their learning, creating a wiser and more engaging form of interactivity between teachers and students.
- **Smart Classroom Ready** – Built to support the construction of interactive smart classrooms, focusing on real-time, deep interactivity and the integration of creativity and knowledge to drive educational reform.

Wireless ScreenShare

TX-WSS-1 | Multi-Screen Interactive Software



Wireless Multi-Screen Projection

Project multimedia content (audio, video, images) from mobile devices to large screens via DLNA protocol — no cables needed



Interactive Teaching & Collaboration

Transform traditional teaching into a dynamic, interactive process — fostering teacher-student, student-student, and individual-media interactivity



Cross-Device Interactivity

Full interactivity between cellphones, tablets and TVs — share, control, and collaborate across multiple screens in real time



Student-Centered Learning Approach

Empowers students to become more autonomous, cooperative and exploratory — creating wiser, more engaging interactivity between teachers and students



Broad System Compatibility

Supports iOS, Android, Windows, and most Android-based TVs or set-top boxes — works with virtually any device



Smart Classroom Ready

Built to support interactive smart classrooms — real-time, deep interactivity with integration of creativity and knowledge to drive educational reform

FEATURE	DESCRIPTION
Wireless Multi-Screen Projection	Project multimedia content (audio, video, images) from mobile devices to large screens via DLNA protocol — eliminating the need for cables.
Cross-Device Interactivity	Full interactivity between cellphones, tablets, and TVs. Share, control, and collaborate across multiple screens in real time.
Broad System Compatibility	Supports Android, iOS, Windows, and most Android-based TVs or set-top boxes — works with virtually any device.
Interactive Teaching & Collaboration	Transforms traditional teaching into a dynamic, interactive process — fostering teacher-student, student-student, and individual-media interactivity.
Student-Centered Learning Approach	Empowers students to become more autonomous, cooperative, and exploratory — creating wiser and more engaging teacher-student interactivity.
Smart Classroom Ready	Built to support interactive smart classrooms with real-time, deep interactivity — integrating creativity and knowledge to drive educational reform.

Wireless ScreenShare

Screen Mirroring • 4K • DLNA

Telunix

Wireless ScreenShare — Connect. Share. Collaborate.

The advertisement features a large television set as the central focus. Above the TV, icons for various operating systems and protocols are displayed: a Wi-Fi symbol, DLNA, iOS, 4K, Android, and Windows. To the left of the TV, a smartphone is shown mirroring its screen onto the television. To the right, a tablet and a laptop are also shown mirroring their content. The background is a dark blue space with glowing light trails and star-like effects, creating a high-tech, futuristic atmosphere.

Dual HDMI • Dual Screen Output

0.15s Lightning-Fast Sharing Near Zero Latency

2.4GHz 5GHz

Dual-Band Wi-Fi • 2T2R Router-Standard Hotspot

1000M Corporate Network PoE Reed

Telunix

Wireless ScreenShare — Advanced Visual Concepts.

This advertisement shows a television screen divided into a 3x3 grid of nine different content streams, including landscapes, charts, and people in a meeting. To the left of the TV, a smaller monitor is shown mirroring the content. To the right, a network switch or router is depicted with a shield icon and a clock. The background is a dark blue space with glowing light trails and star-like effects, creating a high-tech, futuristic atmosphere. The Telunix logo is prominently displayed at the bottom center.

C. Whiteboard

Telunix Interactive Whiteboard Software is a Windows-based classroom solution designed to help teachers create, teach, and share interactive lessons. It transforms the traditional whiteboard into an infinite, multi-touch, and multimedia digital workspace with endless slides — so teachers never need to erase content. The software supports smart text and shape recognition, converts freehand drawings into precise shapes and typed text, and enables educators to enrich their lessons by integrating images, videos, documents, and soundtracks. For humanities subjects, it offers specialised tools including timelines, conjugation tables, geographic maps, and an immersive reader with a picture dictionary and dyslexia-friendly text. Telunix also allows teachers to share whiteboard content with students on tablets or PCs, keeping the classroom engaged and collaborative through interactive activities



- **Infinite Slide-Based Whiteboard** – Create endless slides with unlimited writing space on each. No need to erase content to make room — everything you work on in class is preserved.
- **Multi-Touch & Collaborative** – Supports multi-touch functionality, allowing multiple students to work on the board simultaneously, making it an excellent tool for collaboration.
- **Multimedia Integration** – Add images, videos, documents, and soundtracks to your teaching resources, transforming the whiteboard into a rich multimedia teaching tool.
- **Smart Recognition Tools** – Features text and shape recognition that converts free-hand drawings into typed text and precise shapes with a single click.
- **Subject-Specific Tools & Interactive Activities** – Offers specialized tools for Humanities (timelines, conjugation tables, maps, immersive reader with picture dictionary and dyslexia-friendly text), plus interactive activities that allow teachers to share whiteboard content with students in tablet or PC-equipped classrooms.

TELUNIX · INTERACTIVE WHITEBOARD

Telunix Interactive Whiteboard

Create. Teach. Share. — Unlock the full educational potential of your classes.

**Infinite Whiteboard**

Never run out of space — every slide offers unlimited room. Create endless slides and never lose anything you work on in class.

**Multimedia & Engagement**

Add images, videos, documents and soundtracks to your teaching resources. Keep students engaged with fun, interactive tools.

**Multi-Touch & Collaboration**

Have multiple students work at the board at once. The whiteboard is multi-touch and offers an excellent space for collaboration.

**Customisable Whiteboard**

Customise the background, toolbar, default writing font and more — so your whiteboard reflects your personal teaching style.

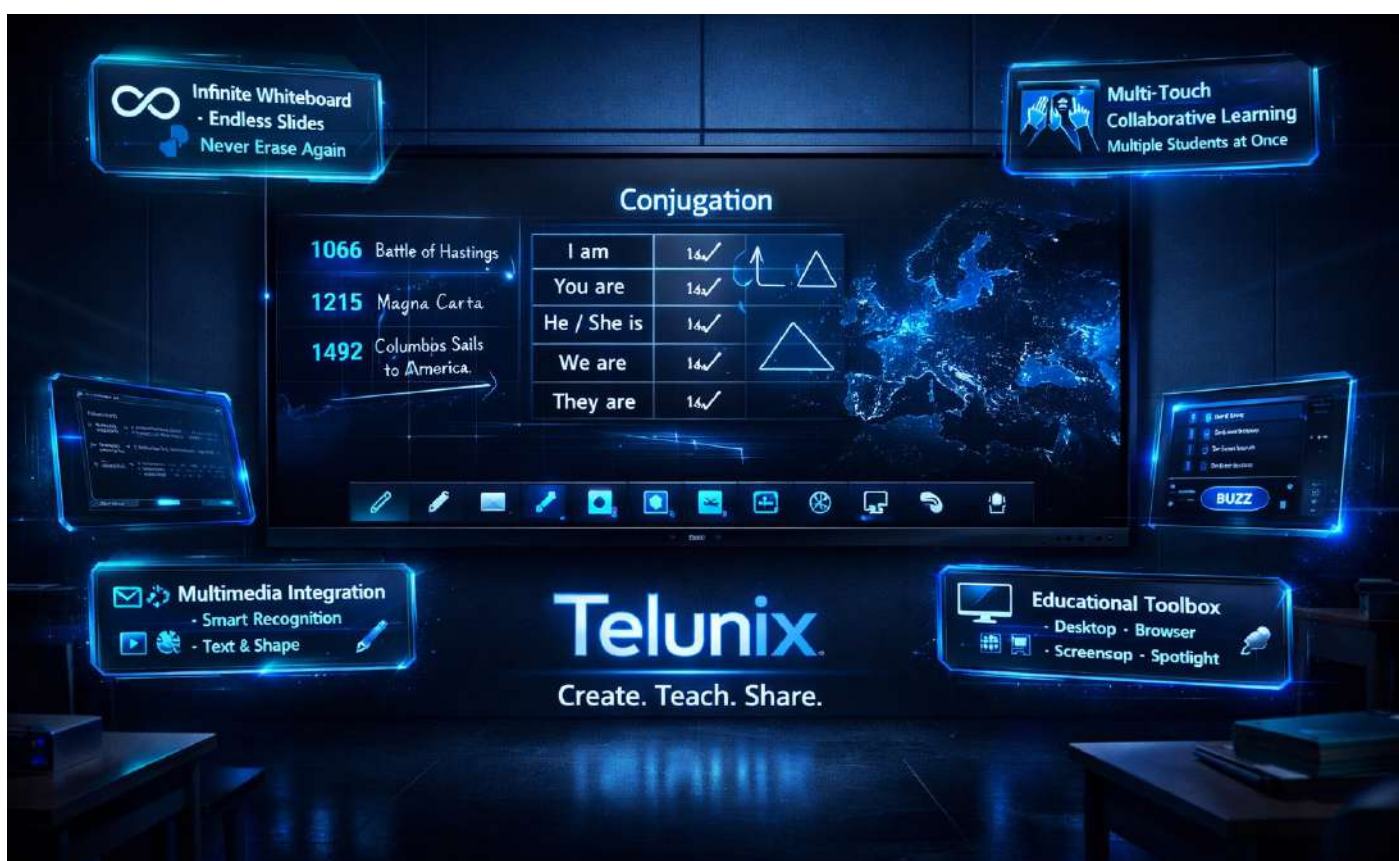
**Smart Recognition**

Draw shapes freehand and convert handwritten text to typed text with a single click. Text and shape recognition made easy.

**Educational Toolbox**

Access the desktop, web browser, screenshot tool, spotlight/magnifier, and subject-specific tools — all without leaving the board.

FEATURE	DESCRIPTION
Infinite Whiteboard	Never run out of space — every slide offers unlimited room. Create endless slides and never lose anything you work on in class.
Multi-Touch & Collaboration	Have multiple students work at the board at once. The whiteboard is multi-touch and offers an excellent space for collaborative learning.
Smart Recognition	Draw shapes freehand and convert handwritten text to typed text with a single click. Text and shape recognition made easy.
Multimedia Integration	Add images, videos, documents and soundtracks to your teaching resources. Keep students engaged with rich, interactive content.
Customisable Whiteboard	Customise the background, toolbar, default writing font and more — so your whiteboard reflects your personal teaching style.
Educational Toolbox	Access the desktop, web browser, screenshot tool, spotlight/magnifier, and subject-specific tools — all without leaving the board.



D. Digital Signage

Telunix offers a comprehensive suite of digital solutions designed to transform communication, display, and management across educational, commercial, and corporate environments.

The suite includes:

- Self-service touchscreen kiosks for content display, wayfinding, and interactive user engagement.
- Wayfinder Web – Cloud-based interactive navigation platform with 3D maps and dynamic routing.
- DMS+ – Centralized digital content management system for remote control and real-time updates across all screens.
- MiraAir – Ultra-high-quality wireless presentation solution supporting 4K streaming and multi-device screen sharing.
- ClassCraft – AI-powered classroom tools for interactive learning, automated grading, and real-time student analytics.

Together, these products form an integrated digital ecosystem that enhances user experience, streamlines operations, and enriches communication and collaboration across all sectors.



- **Seamless Multimedia Projection** – Wirelessly project multimedia content (audio, video, and pictures) from mobile devices to large screens like TVs using the DLNA protocol.
- **Cross-Device Interactivity** – Enables full interactivity between cellphones, tablets, and TVs, allowing users to share and control content across multiple screens in real time.
- **Broad System Compatibility** – Works with a wide range of operating systems including iOS, Android, Windows, and most Android-based TVs or set-top boxes.
- **Interactive Teaching & Collaboration** – Transforms traditional teaching into a dynamic, interactive process by fostering teacher-student, student-student, and individual-media interactivity, generating teaching resonance for better learning outcomes.
- **Student-Centered Learning Approach** – Empowers students to become more autonomous, cooperative, and exploratory in their learning, creating a wiser and more engaging form of interactivity between teachers and students.



Key Features

Simple, powerful, and ready in minutes



User-Friendly Interface

Design and create ads with zero technical expertise



Built-in Multi-Templates

Choose from a variety of pre-designed templates



Rich Media Support

Push pictures, YouTube, websites & news ticker



Scheduled Playback

Set specific times and days for automated content



Remote Management

Control, edit and update content from anywhere



Quick & Easy Setup

Create professional ads in just 3 minutes

FEATURE	DESCRIPTION
User-Friendly Interface	Designed for end-users to easily design and create advertisement programs without any technical expertise.
Built-in Multi-Templates	Offers a variety of pre-designed templates to simplify and speed up content creation.
Rich Media Support	Supports editing and pushing pictures, YouTube videos, websites, and news tickers to remote terminal devices.
Scheduled Playback	Allows users to set specific times and days for content playback, enabling automated and targeted content delivery.
Remote Management	Supports remote control, editing, and updating of content across all connected devices from a central location.
Quick & Easy Setup	Create professional-grade digital signage content in just minutes with an intuitive workflow.

User-Friendly Interface

- Built-in Templates
- Zero Technical Expertise

Scheduled Playback

- Set Time & Day
- Automated Content Delivery

CSKIOSK 3.0

Live Preview

Mon	Tu	Wed	Th	Fri	Sat	Sun
0 0:00 M	1 1:00 M	2 2:00 M	3 3:00 M	4 4:00 M	5 5:00 M	6 6:00 M
7 7:00 M	8 8:00 M	9 9:00 M	10 10:00 M	11 11:00 M	12 12:00 M	13 1:00 P
14 2:00 P	15 3:00 P	16 4:00 P	17 5:00 P	18 6:00 P	19 7:00 P	20 8:00 P
21 9:00 P	22 10:00 P	23 11:00 P	24 12:00 M	25 1:00 P	26 2:00 P	27 3:00 P
28 4:00 P	29 5:00 P	30 6:00 P	31 7:00 P	32 8:00 P	33 9:00 P	34 10:00 P
35 11:00 P	36 12:00 M	37 1:00 P	38 2:00 P	39 3:00 P	40 4:00 P	41 5:00 P
42 6:00 P	43 7:00 P	44 8:00 P	45 9:00 P	46 10:00 P	47 11:00 P	48 12:00 M
49 1:00 P	50 2:00 P	51 3:00 P	52 4:00 P	53 5:00 P	54 6:00 P	55 7:00 P
56 8:00 P	57 9:00 P	58 10:00 P	59 11:00 P	60 12:00 M	61 1:00 P	62 2:00 P
63 3:00 P	64 4:00 P	65 5:00 P	66 6:00 P	67 7:00 P	68 8:00 P	69 9:00 P
70 10:00 P	71 11:00 P	72 12:00 M	73 1:00 P	74 2:00 P	75 3:00 P	76 4:00 P
77 5:00 P	78 6:00 P	79 7:00 P	80 8:00 P	81 9:00 P	82 10:00 P	83 11:00 P
84 12:00 M	85 1:00 P	86 2:00 P	87 3:00 P	88 4:00 P	89 5:00 P	90 6:00 P
91 7:00 P	92 8:00 P	93 9:00 P	94 10:00 P	95 11:00 P	96 12:00 M	97 1:00 P
98 2:00 P	99 3:00 P	100 4:00 P	101 5:00 P	102 6:00 P	103 7:00 P	104 8:00 P
105 9:00 P	106 10:00 P	107 11:00 P	108 12:00 M	109 1:00 P	110 2:00 P	111 3:00 P
112 4:00 P	113 5:00 P	114 6:00 P	115 7:00 P	116 8:00 P	117 9:00 P	118 10:00 P
119 11:00 P	120 12:00 M	121 1:00 P	122 2:00 P	123 3:00 P	124 4:00 P	125 5:00 P
126 6:00 P	127 7:00 P	128 8:00 P	129 9:00 P	130 10:00 P	131 11:00 P	132 12:00 M
133 1:00 P	134 2:00 P	135 3:00 P	136 4:00 P	137 5:00 P	138 6:00 P	139 7:00 P
140 8:00 P	141 9:00 P	142 10:00 P	143 11:00 P	144 12:00 M	145 1:00 P	146 2:00 P
147 3:00 P	148 4:00 P	149 5:00 P	150 6:00 P	151 7:00 P	152 8:00 P	153 9:00 P
154 10:00 P	155 11:00 P	156 12:00 M	157 1:00 P	158 2:00 P	159 3:00 P	160 4:00 P
161 5:00 P	162 6:00 P	163 7:00 P	164 8:00 P	165 9:00 P	166 10:00 P	167 11:00 P
168 12:00 M	169 1:00 P	170 2:00 P	171 3:00 P	172 4:00 P	173 5:00 P	174 6:00 P
175 7:00 P	176 8:00 P	177 9:00 P	178 10:00 P	179 11:00 P	180 12:00 M	181 1:00 P
182 2:00 P	183 3:00 P	184 4:00 P	185 5:00 P	186 6:00 P	187 7:00 P	188 8:00 P
189 9:00 P	190 10:00 P	191 11:00 P	192 12:00 M	193 1:00 P	194 2:00 P	195 3:00 P
196 4:00 P	197 5:00 P	198 6:00 P	199 7:00 P	200 8:00 P	201 9:00 P	202 10:00 P
203 11:00 P	204 12:00 M	205 1:00 P	206 2:00 P	207 3:00 P	208 4:00 P	209 5:00 P
210 6:00 P	211 7:00 P	212 8:00 P	213 9:00 P	214 10:00 P	215 11:00 P	216 12:00 M
217 1:00 P	218 2:00 P	219 3:00 P	220 4:00 P	221 5:00 P	222 6:00 P	223 7:00 P
224 8:00 P	225 9:00 P	226 10:00 P	227 11:00 P	228 12:00 M	229 1:00 P	230 2:00 P
231 3:00 P	232 4:00 P	233 5:00 P	234 6:00 P	235 7:00 P	236 8:00 P	237 9:00 P
238 10:00 P	239 11:00 P	240 12:00 M	241 1:00 P	242 2:00 P	243 3:00 P	244 4:00 P
245 5:00 P	246 6:00 P	247 7:00 P	248 8:00 P	249 9:00 P	250 10:00 P	251 11:00 P
252 12:00 M	253 1:00 P	254 2:00 P	255 3:00 P	256 4:00 P	257 5:00 P	258 6:00 P
259 7:00 P	260 8:00 P	261 9:00 P	262 10:00 P	263 11:00 P	264 12:00 M	265 1:00 P
266 2:00 P	267 3:00 P	268 4:00 P	269 5:00 P	270 6:00 P	271 7:00 P	272 8:00 P
273 9:00 P	274 10:00 P	275 11:00 P	276 12:00 M	277 1:00 P	278 2:00 P	279 3:00 P
280 4:00 P	281 5:00 P	282 6:00 P	283 7:00 P	284 8:00 P	285 9:00 P	286 10:00 P
287 11:00 P	288 12:00 M	289 1:00 P	290 2:00 P	291 3:00 P	292 4:00 P	293 5:00 P
294 6:00 P	295 7:00 P	296 8:00 P	297 9:00 P	298 10:00 P	299 11:00 P	300 12:00 M

Latest News: Neo Product Launch | Weather Update: Sunny 72°F

TXKIOSK 3.0

Digital Signage Made Simple

Rich Media Support

- Pictures • YouTube • Websites • News Ticker

Remote Control

- Edit & Update Content from Anywhere

User-Friendly Interface

- Built-in Templates
- Zero Technical Expertise

Scheduled Playback

- Set Time & Day
- Automated Content Delivery

CSKIOSK 3.0

Live Preview

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10 14:00	11 18:00	12	13	14
15 14:00	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

News Ticker: Top 10 songs around the world...

TXKIOSK 3.0

Digital Signage Made Simple.

Rich Media Support

- Pictures • YouTube • Websites • News Ticker

Remote Control

- Edit & Update Content from Anywhere

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- **Multimedia Playback Support** – Supports playback of images, videos, YouTube playlists, scrolling ticker text, custom text, real-time clock, and web content via URL integration.
- **Built-in QR Code Generator & PowerPoint Support** – Includes a built-in QR code generator and supports PowerPoint presentation playback for versatile content delivery.
- **Scheduled Playback with Remote Update Management** – Enables scheduled content playback with remote update capabilities, allowing centralized management of all connected displays.
- **AI-Powered Content Creation (Optional)** – Offers optional AI-powered content creation for generating posters, images, logos, and copywriting, streamlining the design process.
- **Customizable Templates & Wide Application Range** – Provides fixed or customizable templates for quick content creation, suitable for diverse applications including restaurant menus, wedding slideshows, shopping mall promotions, and school events.



Key Features

Powerful, flexible, and AI-enhanced



Multimedia Playback

Images, videos, YouTube playlists, scrolling text & web content



QR Code Generator

Built-in QR code generation for instant content linking



PowerPoint Support

Seamless PowerPoint presentation playback



Scheduled Playback

Set specific times with remote update management



AI-Powered Content

AI-generated posters, images, logos & copywriting (optional)



Customizable Templates

Fixed or customizable templates for quick content creation

FEATURE	DESCRIPTION
Multimedia Playback	Supports image, video, and YouTube playlist playback, along with scrolling ticker text, custom text, real-time clock, and web content integration via URL.
QR Code Generator	Built-in QR code generator for instant content linking and audience engagement.
PowerPoint Support	Seamless PowerPoint presentation playback for versatile content delivery.
Scheduled Playback	Enables scheduled content playback with remote update management, allowing centralized control of all connected displays.
AI-Powered Content Creation	Optional AI-powered content creation for generating posters, images, logos, and copywriting, streamlining the design process.
Customizable Templates	Provides fixed or customizable templates for quick content creation, suitable for diverse applications including restaurant menus, wedding slideshows, shopping mall promotions, and school events.



Wayfinder Web

TX-WFW

- **Cloud-Based Design** – No installation needed. Simply log in to the website and start creating your project instantly. Accessible from any device with an internet connection, including smartphones, tablets, computers, laptops, and TVs.
- **Cross-Platform Compatibility** – Fully compatible with **iOS, Mac, Android, and Windows** systems, ensuring seamless access across all major devices and operating systems.
- **User-Friendly Interface** – Intuitive and easy-to-use design that allows users to insert photos, menus, text, and build navigated paths within their projects with minimal effort.
- **Interactive Touch Navigation** – Responds to customers through simple touch operations, displaying a large number of guiding messages instantly for an enhanced user experience.
- **Versatile Applications** – Suitable for a wide range of environments, including large-scale commercial facilities, museums, public places, and more.



Key Features

Navigate smarter — cloud-based, touch-ready, and globally accessible



Cloud-Based Design

No installation needed — log in and start creating your project instantly from any device



Cross-Platform Support

Compatible with iOS, Android, Windows, and Mac — access from any device[reference:0]



User-Friendly Interface

Intuitive design — insert photos, menus, text, and build navigated paths with ease[reference:1]



Multi-Language Support

Supports 8 different languages — ready for global deployment[reference:2]



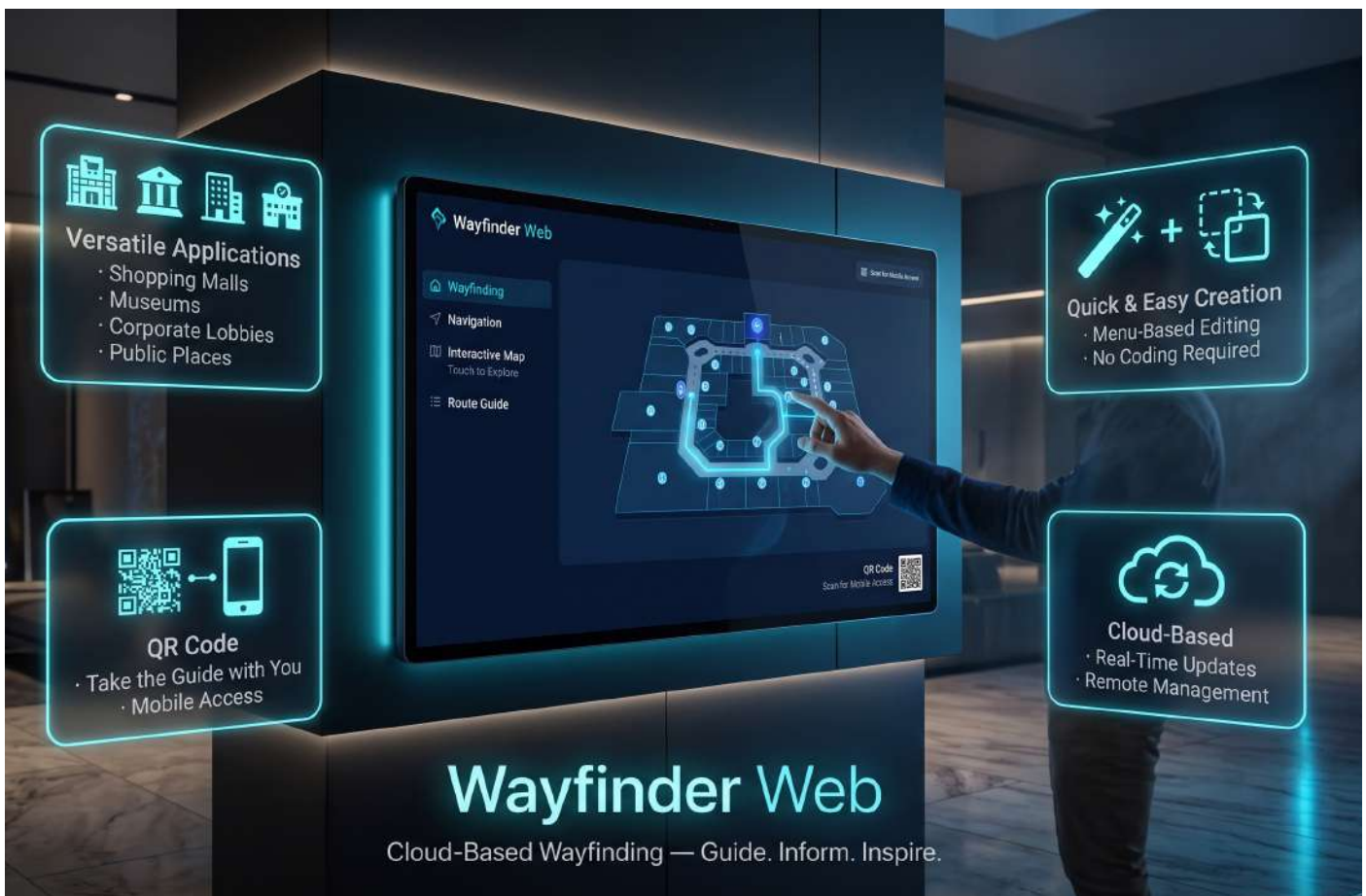
Interactive Touch Navigation

Simple touch operations to display a large number of guiding messages instantly[reference:3]



Versatile Applications

Ideal for large-scale commercial facilities, museums, public places, and more[reference:4]



Wayfinder Web

Cloud-Based Wayfinding — Guide. Inform. Inspire.

FEATURE	DESCRIPTION
Cloud-Based Design	No installation needed — log in to the website and start creating your project instantly. Accessible from any device (smartphone, tablet, computer, laptop, TV) with internet connectivity.
Cross-Platform Support	Fully compatible with Android, iOS, Mac, and Windows systems — ensuring seamless access across all major devices and operating systems.
User-Friendly Interface	Intuitive and easy-to-use design that allows users to insert photos, menus, text, and build navigated paths within their projects with minimal effort.
Interactive Touch Navigation	Responds to customers through simple touch operations, displaying a large number of guiding messages instantly for an enhanced user experience.
Multi-Language Support	Supports 8 different languages, making it suitable for global deployment and diverse user bases across various regions.
Versatile Applications	Ideal for use in large-scale commercial facilities, museums, public places, and more — adaptable to a wide range of environments and industries.

- **Centralized Device Management** – An integrated device management solution designed for educational institutions and businesses, enabling IT managers to efficiently monitor and manage device usage across multiple locations, including different rooms, floors, buildings, or even countries.
- **Remote Control & Power Management** – Remotely control all devices located in different places from personal devices, including installing apps, managing screen wake, sleep, and shutdown functions, as well as controlling screen/audio/network settings and input source switching.
- **Real-Time Monitoring & Screenshots** – Monitor screen OS versions and instant status, with the ability to capture real-time screenshots from all devices under the account for quick troubleshooting.
- **Bulletin Board & Emergency Alerts** – Display important information as a ticker, image, or YouTube video on the bulletin board. Seamlessly integrated with LINE@ and WhatsApp for instant emergency alerts and notifications.
- **AI-Powered Remote Control** – With AI commands, any DMS+ function can be remotely executed, helping new users get started quickly. Additional features include remote display control, time switch, remote update, remote desktop, and whitelist/blacklist filters for software installation.



Key Features

Centralized device management — control, monitor, and secure from anywhere



Centralized Control

Monitor and manage devices across rooms, floors, buildings, or even countries from a single dashboard



Remote Control & Power

Install apps remotely, manage screen wake, sleep, shutdown, and control screen/audio/network settings



Real-Time Monitoring

Monitor OS versions and device status, capture live screenshots from all connected devices for quick troubleshooting



Emergency Alerts & Bulletin

Display important information as ticker, image, or YouTube video. Integrated with LINE@ and WhatsApp for instant emergency alerts



AI-Powered Remote Control

Execute any DMS+ function with AI commands. New users can get started quickly with voice-driven remote management



Whitelist & Blacklist

Configure optional software installation (whitelist) and block unauthorized apps (blacklist) for secure device operation

Centralized Device Management

- Monitor & Control Across Multiple Locations
- Rooms, Floors, Buildings, Countries

Real-Time Monitoring & Screenshots

- Real-Time Screenshots
- Live Device Monitoring
- Quick Troubleshooting

AI Remote Control

- AI-Powered Remote Control
- Voice Commands
- Any Function Remotely Executed

Emergency Alerts & Bulletin Board

- Emergency Alerts
- LINE@ & WhatsApp Integration
- Bulletin Board
- News Ticker

DMS+

Device Management System — Control. Monitor. Secure.

FEATURE	DESCRIPTION
Centralized Device Management	Monitor and manage device usage across multiple locations, including different rooms, floors, buildings, or even countries from a single dashboard.
Remote Control & Power Management	Remotely control all devices including installing apps, managing screen wake, sleep, shutdown functions, screen/audio/network settings, and input source switching.
Real-Time Monitoring & Screenshots	Monitor screen OS versions and instant status. Capture real-time screenshots from all devices under the account for quick troubleshooting.
Bulletin Board & Emergency Alerts	Display important information as a ticker, image, or YouTube video. Seamlessly integrated with WhatsApp & LINE@ for instant emergency alerts.
AI-Powered Remote Control	With AI commands, any DMS+ function can be remotely executed. AI Broadcast feature reads messages aloud with a simple toggle.
Whitelist & Blacklist Filters	Configure optional software installation (whitelist) and block unauthorized apps (blacklist) for secure device operation.
Remote Group Deployment	Instantly broadcast text, images, videos, or audio to multiple devices. View, install, or remove APKs remotely across all connected devices.
NFC & QR Code Login	Supports QR code, Google account, and DMS+ account login on touchscreens. NFC card support for one-tap screen lock and cloud drive login.

- **4K UHD Wireless Projection** – Supports ultra-high-definition 4K wireless projecting, eliminating messy cables for a clean and professional setup.
- **9-Split Screen Mirroring** – Enables seamless mirroring with support for up to 9-split screen projection in a 3x3 layout, allowing multiple devices to share content simultaneously.
- **Reverse Control (Touch Back)** – Allows users to control their laptop or notebook directly through the touchscreen while projecting, enabling seamless, intuitive collaboration.
- **Cross-Platform Compatibility** – Supports a wide range of devices including desktops, laptops, smartphones, and iPads across Android, iOS, Windows, and macOS operating systems.
- **RemoteView & Easy Configuration** – Capture content effortlessly and create personalized notes in real time with seamless interaction. Easily configure the device name on the touch screen to meet the needs of schools or corporate settings.



Key Features

Wireless projection — connect, share, and collaborate seamlessly



4K UHD Wireless Projection

Crystal-clear 4K UHD projecting with no messy cables — enjoy sharp, high-quality visuals



9-Split Screen Mirroring

Support maximum 9-split screen mirroring (3×3 layout) — display multiple devices simultaneously



Touch Back / Reverse Control

Control your laptop or notebook directly through the touchscreen while projecting for seamless collaboration



RemoteView

Bring the big screen to your device — capture content and create personalized notes in real time



Cross-Platform Compatibility

Supported OS: Android, iOS, Windows, and MacOS — connect from any device



Easy Configuration

Easily configure the station name in MiraAir on the touch screen to meet school or corporate needs



Telunix

MiraAir — Wireless Projection. Seamless Collaboration.



FEATURE	DESCRIPTION
4K UHD Wireless Projection	Supports ultra-high-definition 4K wireless projecting, eliminating messy cables for a clean and professional setup.
-9Split Screen Mirroring	Supports up to 9-split-screen projection in a 3x3 layout, allowing multiple devices to share content simultaneously.
Touch Back / Reverse Control	Allows controlling laptop or notebook directly through the touchscreen while projecting, enabling seamless, intuitive collaboration.
RemoteView	Bring the big screen to your device — supporting personal laptops, smartphones, and iPads. Capture content effortlessly and create personalized notes in real time.
Cross-Platform Compatibility	Supported OS: macOS, Windows, iOS, and Android — connect from virtually any device.
Easy Configuration & Station Setup	Easily configure the name in MiraAir on the touch screen to meet the needs of schools or corporate settings.

- **AI-Generated Question Types** – Teachers can use AI to quickly generate multiple-choice questions, short answer questions, and computer screenshot-based questions, saving them in the Quiz Bank for reuse — reducing prep time and improving efficiency.
- **AI Real-Time Grading Assistant** – During class, teachers can boost engagement through task delivery and interactive tools. After students submit answers, AI instantly grades and provides analysis to help teachers adjust instruction. Teachers can define grading criteria for more targeted feedback.
- **AI Learning Summary** – After class, AI automatically compiles learning records and generates class performance analytics with graphs, helping teachers track learning trends and progress for quality instruction and efficient feedback.
- **Personalized Learning Methods** – Supports personalized learning approaches to monitor student learning progress and tailor instruction to individual needs.
- **Cross-Platform Support** – Compatible with Windows and macOS operating systems, ensuring flexibility across different devices.



Key Features

AI-powered learning — smarter teaching, better outcomes



AI-Generated Questions

Generate multiple-choice, short answer & screenshot-based questions instantly with AI



Quiz Bank

Save AI-generated questions to the Quiz Bank for reuse — reduce prep time



AI Real-Time Grading

Instantly grade student answers with AI analysis and feedback during class



AI Correction Assistant

Define grading criteria for targeted feedback and improved learning outcomes



AI Learning Summary

Auto-generate class performance analytics with graphs — track trends & progress



Personalized Learning

Monitor individual student progress and tailor instruction to each learner's needs

AI-Generated Questions

- Multiple-Choice
- Short Answer
- Screenshot-Based

AI Real-Time Grading

- Instant Feedback
- Define Grading Criteria

AI Learning Summary

- Class Performance Analytics
- Track Trends & Progress

Interactive Tools

- Task Dispatch
- Quick-Response Activities
- Student Engagement

Telunix

ClassCraft — AI-Powered Learning. Smarter Teaching.

FEATURE	DESCRIPTION
AI-Generated Questions	Teachers can use AI to quickly generate multiple-choice questions, short answer questions, and computer screenshot-based questions, saving them in the Quiz Bank for reuse — reducing prep time and improving efficiency.
AI Real-Time Grading Assistant	During class, teachers can boost engagement through task delivery and interactive tools. After students submit answers, AI instantly grades and provides analysis to help teachers adjust instruction.
AI Correction Assistant	Teachers can define grading criteria for more targeted feedback and improved learning outcomes, ensuring students receive personalized guidance.
AI Learning Summary	After class, AI automatically compiles learning records and generates class performance analytics with graphs, helping teachers track learning trends and progress.
Interactive Tools & Task Dispatch	Teachers can engage students through quick-response games, interactive exercises, and task assignment. Supports real-time grading and timely feedback for students.
Student Management & Cross-Platform Support	Students can join the class via mobile devices, tablets, or computers. Teachers can track attendance and monitor each student's learning progress and time.
Diverse Question Types	Supports true/false, single or multiple choice, short answer, audio, links, and AI-generated questions. Customizable to fit instructional needs.
Personalized Learning	Supports personalized learning approaches to monitor individual student progress and tailor instruction to each learner's needs.

E. Control and Conference

Telunix offers a powerful suite of control and device management solutions, enabling organizations to deploy, monitor, and secure their hardware with ease. Whether managing a single device or thousands across multiple locations, Telunix delivers the flexibility and scalability to meet any demand. From developer tools to enterprise-grade management platforms, this section covers the essential solutions for building and managing intelligent, connected environments.



Star Tool

TX-ST

- **Open Source API for Hardware Control** – Star Tool is an open-source API that enables third-party developers to control hardware, including tablets and modules, from their own software platforms.
- **Comprehensive Module Integration** – Offers open APIs for barcode scanning, RFID, OTA updates, and more, allowing developers to build custom solutions that fully utilize the hardware's capabilities.
- **Device Information & Diagnostics** – Provides functionality for retrieving device information, performing model-specific tests, configuring add-on modules, and executing aging tests.
- **Complete Control & Customization** – As an open-source demo APK, it gives developers complete control to understand and tailor hardware management to their specific needs.
- **Fast & Easy Hardware Integration** – Designed as a revolutionary tool that puts the power of hardware control in the hands of developers, offering a fast and straightforward way to integrate hardware into any software platform.



TELUNIX · STAR SERIES

Star Tool

TX-ST | Open Source Developer Toolkit for Hardware Control



Open Source API

Open-source demo APK and API allowing third-party developers to control hardware with ease



Device Info & Diagnostics

Get device information, perform model-specific tests, and run diagnostics with ease



Barcode & RFID Control

Open APIs for barcode scanning and RFID module integration for custom hardware solutions



Module Configuration

Configure add-on modules to tailor hardware functionality to your specific needs



OTA Updates

Over-the-air update capabilities to keep devices current without physical access



Aging Tests

Perform aging tests to ensure hardware reliability and long-term performance

FEATURE	DESCRIPTION
Open Source API	Open-source APK with APIs that allow third-party developers to control telunix hardware and build custom solutions that fully utilize the hardware's capabilities.
Device Information Retrieval	Get detailed device information including serial numbers, Android versions, firmware versions, MAC addresses, Wi-Fi MAC addresses, storage, and RAM.
Model-Specific Tests	Perform tests for light strips, GPIO, Weigand, UART sensors, and camera to ensure hardware compatibility and proper functionality.
Add-On Module Configuration	Easily configure add-on modules such as Barcode Modules, RFID Modules, and Light Strips to suit specific needs and preferences.
Over-The-Air (OTA) Updates	Download and install OTA updates for hardware using Star Tool, ensuring devices stay current with the latest software and security patches.
Aging Tests & Reporting	Perform aging tests to check CPU, eMMC, DDR, video, and timer. A report is generated to verify displays are functioning optimally.

Open Source API
Full Control · Third-Party Ready

Hardware Control
Barcode · RFID · OTA · Complete Hardware Control

```

API call {
  context:
  Firmware: *
  System.GetSilvercolor(),
  Storage: 128GB (90% FREE),
  ...
}

API call {
  context:
  Firmware: *
  System.GetSilvercolor(),
  Storage: 128GB (90% FREE),
  ...
}

```

Star Tool

Model **TX-ST**

DEVICE INFO (TX-ST-A001)
SERIAL: SN987654321
ANDROID: 11.0.1
FIRMWARE: V2.1.5
MAC: 00:1A:2B:3C:4D:5E
STORAGE: 128GB (45% FREE)
RAM: 8GB

MODULE CONFIGURATION
Barcode ☒ ON Config >
RFID ☒ ON Config >
Light Strips ☒ ON Config >

TEST DIAGNOSTICS
Aging Test (PASSED) 48 Hrs / Errors: 0
Model Specific (PASSED) 7/7 Modules
Reports >

DEVELOPER CONSOLE

```

> TelunixTX-ST-Initialize();
> Barcode.ScanKey();
> RFID.WrWriteTagData(TagID, Data);
> System.GetDeviceInfo();
> Output: TX-ST-A001 | 00007654321 | Firm V2.1.5 | ...

```

Device Diagnostics
Device Info · Model Tests · Aging Tests · Reports

Developer Friendly
Fast Integration · Revolutionary Developer Tool

Telunix

Star Tool — Developer Power. Hardware Control.

- **Secure OS Control & Kiosk Lockdown** – Lock down Android kiosk browsers, websites, and apps to secure public-use screens and prevent device misuse.
- **Predictive Device Health Monitoring** – Track device health metrics including temperature, storage, wear, crashes, and connectivity to proactively identify issues.
- **Over-the-Air (OTA) Management** – Manage devices remotely without user intervention, including app installation/removal, content deployment, and basic settings configuration.
- **Scalable Deployment** – Deploy and manage any number of devices—from one to 1,000—on the same platform, at your own speed.
- **Time-Saving Automations** – Automate repetitive tasks such as configuring Wi-Fi settings, pushing app installations, and automatic device setup to reduce operating costs.

TELUNIX · STAR SERIES

Star Control

TX-SC | Enterprise Mobile Device Management (MDM)



Secure OS Control & Kiosk Lockdown

Lock down Android kiosk browsers, websites, and apps to secure public-use screens and prevent device misuse



Scalable Deployment

Deploy and manage any number of devices—from 1 to 1,000—on the same platform, at your own speed



Predictive Device Health Monitoring

Track device health metrics including temperature, storage, wear, crashes, and connectivity to proactively identify issues



Time-Saving Automations

Automate repetitive tasks such as configuring Wi-Fi settings, pushing app installations, and automatic device setup to reduce operating costs



Over-the-Air (OTA) Management

Manage devices remotely without user intervention, including app installation/removal, content deployment, and basic settings configuration



Cross-Platform Accessibility

Star Control MDM is unrestricted and accessible from every platform, providing flexibility for IT teams

Secure OS Control

- Kiosk Lockdown
- Restrict Websites & Apps

Predictive Health

- Temperature
- Storage
- Crashes
- Connectivity

OTA Management

- Time-Saving Automations
- Reduce Operating Costs

Scalable

- 1 to 1,000+ Devices
- Cross-Platform Access

Telunix

Star Control — Enterprise MDM. Control. Monitor. Secure.

Secure OS Control

- Kiosk Lockdown
- Restrict Websites & Apps

Predictive Health

- Temperature
- Storage
- Crashes
- Connectivity

OTA Management

- Time-Saving Automations
- Reduce Operating Costs

Scalable & Cross-Platform

- 1 to 1,000+ Devices
- Cross-Platform Access

Telunix

Star Control — Enterprise MDM. Control. Monitor. Secure.

FEATURE	DESCRIPTION
Secure OS Control & Kiosk Lockdown	Lock down Android kiosk browsers, websites, and apps to secure public-use screens and prevent device misuse.
Predictive Device Health Monitoring	Track device health metrics including temperature, storage, wear, crashes, and connectivity to proactively identify issues.
Over-the-Air (OTA) Management	Manage devices remotely without user intervention, including app installation/removal, content deployment, and basic settings configuration.
Scalable Deployment	Deploy and manage any number of devices — from 1 to 1,000 or more — on the same platform at your own speed.
Time-Saving Automations	Automate repetitive tasks such as configuring Wi-Fi settings, pushing app installations, and automatic device setup to reduce operating costs.
Cross-Platform Accessibility	Star Control MDM is unrestricted and accessible from every platform, providing flexibility for IT teams.

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TECHNOLOGIES

SPECIAL GLASS

TX-SG

- **Anti-Bacterial (AB)** – Inhibits bacterial and fungal growth on the glass surface by preventing bacterial activation and oxidizing bacteria, reducing the risk of infection and enhancing hygiene.
- **Anti-Reflection (AR)** – Utilizes an optical coating to reduce reflectance and increase transmittance, ensuring clearer display content and a more comfortable viewing experience, especially in outdoor or bright-light environments.
- **Anti-Glare (AG)** – Features single or double special treatment of the glass surface to reduce interference and reflections, minimizing light scattering and diffusing reflection to prevent glare and enhance visual comfort.
- **Anti-Fingerprint (AF)** – Prevents fingerprints and oil contamination with a smooth surface that improves wiping performance and wear resistance, keeping the display clean and clear.
- **Anti-Vandal (AV)** – Provides protection against damage from external impacts. In case of breakage, only the impacted area cracks, preventing glass fragments from scattering and ensuring user safety.

Anti-Reflection · Anti-Glare
Crystal Clear Visibility

Anti-Oil Resistant
Easy to Clean

Anti-Bacterial
Inhibits Bacterial Growth
Hygienic Surface

Anti-Vandal · Impact Resistant
Shatter-Proof

Telunix Special Glass

Telunix

Special Glass – Clarity. Durability. Hygiene.

Special Glass

TX-SG | Advanced Glass Technology Solutions



Anti-Bacterial (AB)

Inhibits bacterial and fungal growth on the surface · reduces infection risk · enhances hygiene



Anti-Fingerprint (AF)

Prevents fingerprints & oil contamination · smooth surface · improved wear resistance



Anti-Reflection (AR)

Optical coating reduces reflectance · increases transmittance · clearer display in bright light



Anti-Vandal (AV)

Protection against external impact · localized breakage · prevents glass fragment scattering



Anti-Glare (AG)

Single or double surface treatment · reduces interference & reflections · prevents glare



Complete Glass Protection

All-in-one solution combining AB, AR, AG, AF & AV technologies for maximum durability

FEATURE	DESCRIPTION
Anti-Bacterial (AB)	Inhibits bacterial and fungal growth on the glass surface by preventing bacterial activation and oxidizing bacteria, reducing the risk of infection and enhancing hygiene.
Anti-Reflection (AR)	Utilizes an optical coating to reduce reflectance and increase transmittance, ensuring clearer display content and a more comfortable viewing experience, especially in outdoor or bright-light environments.
Anti-Glare (AG)	Features single or double special treatment of the glass surface to reduce interference and reflections, minimizing light scattering and diffusing reflection to prevent glare and enhance visual comfort.
Anti-Fingerprint (AF)	Prevents fingerprints and oil contamination with a smooth surface that improves wiping performance and wear resistance, keeping the display clean and clear.
Anti-Vandal (AV)	Provides protection against damage from external impacts. In case of breakage, only the impacted area cracks, preventing glass fragments from scattering and ensuring user safety.

Anti-Bacterial
 · Inhibits Bacterial Growth
 · Enhanced Hygiene

Anti-Reflection
 · Anti-Glare
 · Crystal Clear Visibility

Anti-Fingerprint
 · Oil Resistant
 · Smooth & Wear-Resistant

Anti-Vandal
 · Impact Resistant
 · Shatter-Proof · User Safety

Telunix
 Special Glass — Clarity. Durability. Hygiene.

Anti-Bacterial
 Inhibits Bacterial Growth
 Enhanced Hygiene

Anti-Reflection · Anti-Glare
 Crystal Clear Visibility

Anti-Fingerprint
 Oil Resistant
 Smooth & Wear-Resistant

Anti-Vandal
 Impact Resistant
 Shatter-Proof · User Safety

Telunix Special Glass

Telunix
 Special Glass — Clarity. Durability. Hygiene.

Metal and Waterproof

TX-M-WP

- **OPEN Frame Design with Customizable Sizing** – Features an open frame structure that can be designed to fit the size of the enclosure, with adjustable wing and hole spacing for flexible integration.
- **CLOSED Frame with Front Waterproofing** – Offers a closed frame option that includes MAIN + EMI + FRONT, with panel mount and IP65 front waterproofing for enhanced protection.
- **Dual Frame Options (OPEN + CLOSED)** – Provides both OPEN and CLOSED frame configurations to suit different installation requirements and environmental conditions.
- **IP65 Front Waterproof Protection** – The closed frame option is applicable for IP65 front waterproofing, ensuring reliable operation in wet or dusty environments.
- **Versatile Installation Compatibility** – Designed to integrate seamlessly into various enclosures with options for panel mounting and adjustable mounting points.



Metal and Waterproof

TX-M-WP | Durable Display Enclosure Solutions



OPEN Frame Design

MAIN + EMI frame structure · designed to fit the size of your enclosure for flexible integration



Customizable Sizing

Wing and hole spacing can be adjusted · designed to fit the exact size of your enclosure



CLOSED Frame Design

MAIN + EMI + FRONT structure · panel mount ready for enhanced protection



Panel Mount Compatibility

CLOSED frame supports panel mount installation · seamless integration into your system



IP65 Front Waterproof

CLOSED frame option with IP65-rated front waterproof protection · reliable in wet or dusty environments



Dual Frame Options

Choose between OPEN (MAIN+EMI) or CLOSED (MAIN+EMI+FRONT) frames · flexible for any application

FEATURE	DESCRIPTION
OPEN Frame Design	MAIN + EMI frame structure. Can be designed to fit the size of the enclosure with adjustable wing and hole spacing for flexible integration.
CLOSED Frame Design	MAIN + EMI + FRONT structure. Provides enhanced protection with panel mount compatibility.
IP65 Front Waterproof	CLOSED frame option with IP-65 rated front waterproof protection, ensuring reliable operation in wet or dusty environments.
Customizable Sizing	Wing and hole spacing can be adjusted to fit the exact size of your enclosure, offering maximum design flexibility.
Panel Mount Compatibility	CLOSED frame supports panel mount installation for seamless integration into your system or enclosure.
Dual Frame Options	Choose between OPEN (EMI+MAIN) or CLOSED (FRONT+EMI+MAIN) frames to suit different installation requirements and environmental conditions.

- **Ingress Protection (IP) Rating** – Classifies the degree of protection against external contact, dust, and water (moisture) according to the IEC 60529 standard.
- **Impact Protection (IK) Rating** – Provides a widely used protection grade against external physical mechanical impacts, with measurements expressed in Joules (J).
- **Prevents Malfunction from Environmental Factors** – Protects against dust accumulation and water ingress that could otherwise cause malfunction, heat generation, or sparks.
- **IEC Standard Compliance** – Designed and tested in accordance with the internationally recognized IEC 60529 regulation, ensuring reliable and standardized protection.
- **Versatile Protection for Various Environments** – Suitable for applications where equipment is exposed to dust, moisture, or physical impacts, ensuring durability and long-term reliability in demanding conditions.

TELUNIX · PROTECTION SERIES

IP/IK Rating

TX-IP/IK | Ingress & Impact Protection Standards



Ingress Protection (IP)

Classifies protection against external contact, dust, and water (moisture) per IEC 60529 standard



Dust Protection

Prevents dust accumulation that could cause malfunction, heat generation, or sparks



Impact Protection (IK)

Protection grade against external physical impact measured in Joules (J)



Water Protection

Prevents water ingress that could cause malfunction, heat generation, or sparks



IEC 60529 Compliance

Designed and tested in accordance with the internationally recognized IEC 60529 regulation



Versatile Protection

Suitable for demanding environments exposed to dust, moisture, or physical impacts

FEATURE	DESCRIPTION
Ingress Protection (IP)	Classifies the degree of protection against external contact, dust, and water (moisture) according to the IEC 60529 standard.
Impact Protection (IK)	Provides a widely used protection grade against external physical impacts, with measurements expressed in Joules (J).
IEC 60529 Compliance	Designed and tested in accordance with the internationally recognized IEC 60529 regulation, ensuring reliable and standardized protection.
Dust Protection	Prevents dust accumulation that could otherwise cause malfunction, heat generation, or sparks.
Water Protection	Prevents water ingress that could cause malfunction, heat generation, or sparks.
Versatile Protection	Suitable for applications where equipment is exposed to dust, moisture, or physical impacts, ensuring durability and long-term reliability in demanding conditions.



Ingress Protection (IP)

- IEC 60529
- Dustproof & Waterproof



Impact Protection (IK)

- Vandal Resistant
- Tested in Joules (J)



IEC 60529 Compliant

- Internationally Recognized Standard



Versatile Protection

- Dust · Moisture
- Physical Impacts
- Demanding Environments



Telunix

IP/IK Rating — Engineered for Protection. Built to Last.

Rainwater Prevention Touch

TX-RPT

- **Water-Rejection Touch Technology** – Designed to prevent false touches caused by water droplets or moisture on the screen surface, ensuring accurate touch response even in rainy or wet conditions.
- **Reliable Outdoor Operation** – Enables stable and consistent touch performance in outdoor environments where exposure to rain, humidity, and moisture is common.
- **Enhanced Durability** – Built with protective materials and sealing to withstand water exposure, reducing the risk of damage or malfunction from moisture ingress.
- **Seamless User Experience** – Maintains smooth and responsive touch functionality without interruption, even when the screen is wet or being used with wet fingers.
- **Versatile Applications** – Ideal for outdoor kiosks, digital signage, public information displays, transportation hubs, and other environments where rain or moisture is a concern.

Water-Rejection Touch
Accurate Response in Wet Conditions

All-Weather Performance
Reliable in Rain, Humidity & Moisture

Outdoor Durability
Built for Public & Harsh Environments

Seamless Interaction
Perfect Touch, Even with Wet Fingers

Telunix
Rainwater Prevention Touch — Clear. Precise. All-Weather.

Rainwater Prevention Touch

TX-RPT | All-Weather Touch Technology



Water-Rejection Technology

Prevents false touches caused by water droplets or moisture · ensures accurate touch response even in rainy conditions



Seamless User Experience

Maintains smooth and responsive touch functionality without interruption, even when the screen is wet or used with wet fingers



Reliable Outdoor Operation

Stable and consistent touch performance in outdoor environments exposed to rain, humidity, and moisture



Versatile Applications

Ideal for outdoor kiosks, digital signage, public information displays, transportation hubs, and other environments exposed to rain or moisture



Enhanced Durability

Built with protective materials and sealing to withstand water exposure · reduces risk of damage or malfunction from moisture ingress



All-Weather Performance

Engineered to perform flawlessly in all weather conditions · rain, snow, humidity, or extreme temperatures



FEATURE	DESCRIPTION
Water-Rejection Technology	Prevents false touches caused by water droplets or moisture on the screen surface, ensuring accurate touch response even in rainy or wet conditions.
Reliable Outdoor Operation	Enables stable and consistent touch performance in outdoor environments where exposure to rain, humidity, and moisture is common.
Enhanced Durability	Built with protective materials and sealing to withstand water exposure, reducing the risk of damage or malfunction from moisture ingress.
Seamless User Experience	Maintains smooth and responsive touch functionality without interruption, even when the screen is wet or being used with wet fingers.
Versatile Applications	Ideal for outdoor kiosks, digital signage, public information displays, transportation hubs, and other environments where rain or moisture is a concern.
All-Weather Performance	Engineered to perform flawlessly in all weather conditions — rain, snow, humidity, or extreme temperatures — ensuring reliable operation year-round.

Sterilization

TX-S

- **Effective UV-A Sterilization** – Utilizes strong ultraviolet rays from UV-A LEDs, which are harmless to the human body, to effectively eliminate harmful bacteria on the monitor surface.
- **High Sterilization Rate (99.9%)** – Irradiates the screen with a UV-A light source through an internal LED bar and UV LED chip, achieving a 99.9% sterilization rate of bacteria left on the screen from finger contact.
- **Smart Proximity Sensor** – Equipped with an intelligent proximity sensor that automatically stops the sterilization process when a person approaches the monitor, ensuring user safety.
- **Automatic Operation** – The sterilization function activates and deactivates automatically based on the proximity sensor, providing hands-free hygienic management without manual intervention.
- **Hygienic Protection for Shared Screens** – Designed for monitors used by multiple people, addressing the growing need for hygienic management in public or shared touchscreen environments.



Sterilization

TX-S | UV-A Screen Sterilization Technology



UV-A LED Sterilization

Uses strong ultraviolet rays from UV-A LEDs, which are harmless to the human body, to eliminate harmful bacteria on the monitor surface



Automatic Operation

Sterilization function activates and deactivates automatically based on the proximity sensor — hands-free hygienic management without manual intervention



99.9% Sterilization Rate

UV-A light source through internal LED bar and UV LED chip achieves 99.9% sterilization of bacteria left on the screen from finger contact



Hygienic Protection for Shared Screens

Designed for monitors used by multiple people, addressing the growing need for hygienic management in public or shared touchscreen environments



Smart Proximity Sensor

Equipped with an intelligent proximity sensor that automatically stops the sterilization process when a person approaches the monitor



Safe & Harmless Technology

UV-A LEDs are harmless to the human body, providing effective sterilization without compromising user safety



FEATURE	DESCRIPTION
UV-A LED Sterilization	Uses strong ultraviolet rays from UV-A LEDs, which are harmless to the human body, to effectively eliminate harmful bacteria on the monitor surface.
99.9% Sterilization Rate	Irradiates the screen with a UV-A light source through an internal LED bar and UV LED chip, achieving a 99.9% sterilization rate of bacteria left on the screen from finger contact.
Smart Proximity Sensor	Equipped with an intelligent proximity sensor that automatically stops the sterilization process when a person approaches the monitor, ensuring user safety.
Automatic Operation	The sterilization function activates and deactivates automatically based on the proximity sensor, providing hands-free hygienic management without manual intervention.
Hygienic Protection for Shared Screens	Designed for monitors used by multiple people, addressing the growing need for hygienic management in public or shared touchscreen environments.
Safe & Harmless Technology	UV-A LEDs are harmless to the human body, providing effective sterilization without compromising user safety.

Optical Bonding

TX-OB

- **Enhanced Visibility & Clarity** – Eliminates the air gap between the panel and the touch layer, significantly reducing internal reflections and glare. This results in improved light transmission, higher brightness, and better contrast, making the display clear and readable from any angle.
- **Superior Protection (Waterproof, Dust-proof, Moisture-proof)** – By removing the air layer, optical bonding creates a sealed unit that effectively prevents the ingress of water, dust, and moisture. This protects the display from environmental contaminants and reduces the risk of fog or condensation forming inside the screen.
- **Increased Durability & Impact Resistance** – The bonded structure creates a single, solid optical layer that is stronger and more resistant to shocks and vibrations compared to the air gap method. This enhanced structural integrity makes the display more robust and less sensitive to external impacts.
- **Prevention of Foreign Substance Ingress** – The elimination of the air gap seals the joint between the panel and the touch layer, preventing foreign substances like dust or dirt from entering the display assembly. This helps maintain long-term performance and reliability.
- **Reduced Parallax & Improved Touch Performance** – Bonding the display and cover glass more closely aligns them, reducing parallax (the apparent shift in position of an object when viewed from different angles). This results in a more accurate and responsive touch experience.

TELUNIX · BONDING SERIES

Optical Bonding

TX-OB | Enhanced Visibility & Durability Display Technology



Enhanced Visibility & Clarity

Eliminates the air gap between panel and touch layer — improves light transmission and reduces glare for clear viewing from any angle



Prevents Foreign Substance Ingress

Eliminates the air gap, sealing the joint between panel and touch — prevents dust and foreign substances from entering



Waterproof, Dust-proof & Moisture-proof

Reduces the air layer between panel and touch — creates a sealed unit that prevents water, dust, and moisture ingress



Reduced Parallax & Improved Touch

Bonds display and cover glass more closely — reduces parallax for more accurate and responsive touch experience



Impact Protection & Durability

Protects the panel from impact and shocks — more robust than air gap method, ensuring long-term reliability



Wide Viewing Angle & Zero Glare

Visibility improvement makes the display clear from any angle and significantly reduces glare



FEATURE	DESCRIPTION
Enhanced Visibility & Clarity	Eliminates the air gap between the panel and the touch layer, significantly reducing internal reflections and glare. This results in improved light transmission, higher brightness, and better contrast, making the display clear and readable from any angle.
Waterproof, Dust-proof & Moisture-proof	By removing the air layer, optical bonding creates a sealed unit that effectively prevents the ingress of water, dust, and moisture. This protects the display from environmental contaminants and reduces the risk of fog or condensation forming inside the screen.
Impact Protection & Durability	The bonded structure creates a single, solid optical layer that is stronger and more resistant to shocks and vibrations compared to the air gap method. This enhanced structural integrity makes the display more robust and less sensitive to external impacts.
Prevents Foreign Substance Ingress	The elimination of the air gap seals the joint between the panel and the touch layer, preventing foreign substances like dust or dirt from entering the display assembly. This helps maintain long-term performance and reliability.
Reduced Parallax & Improved Touch	Bonding the display and cover glass more closely aligns them, reducing parallax (the apparent shift in position of an object when viewed from different angles). This results in a more accurate and responsive touch experience.
Wide Viewing Angle & Zero Glare	Visibility improvement makes the display clear from any angle and significantly reduces glare, ensuring optimal readability even in bright sunlight or challenging lighting conditions.

Auto Dimming

TX-AD

- **Automatic Brightness Adjustment:** The TX-AD utilizes an integrated light sensor to automatically detect changes in ambient light levels. This allows the monitor to adjust its brightness in real-time, ensuring optimal visibility at all times.
- **Sunlight Readable Technology:** By automatically increasing brightness in bright conditions, the auto-dimming feature supports the display's sunlight readability. This ensures the screen remains clear and viewable even under direct sunlight.
- **Enhanced Energy Efficiency:** By automatically lowering the backlight brightness in darker environments, the TX-AD helps reduce overall power consumption and minimizes unnecessary energy waste.
- **Improved Viewer Comfort:** The automatic dimming helps prevent eye strain by maintaining a consistent and comfortable brightness level that adapts to the surrounding light, unlike a fixed-brightness display.
- **Seamless Integration & Operation:** The auto-dimming function is designed to work seamlessly without any manual intervention, providing a "set it and forget it" experience for the end-user.

TELUNIX · ADAPTIVE SERIES

Auto Dimming

TX-AD | Smart Brightness Control for Outdoor Displays



Adaptive Brightness

Integrates a light sensor to automatically adjust screen brightness in real-time based on ambient light conditions



Enhanced Viewer Comfort

Maintains a consistent and comfortable brightness level that adapts to surrounding light, preventing eye strain



Sunlight Readable

Automatically increases brightness in bright conditions to ensure the screen remains clear and viewable under direct sunlight



Seamless & Automatic Operation

Designed to work seamlessly without any manual intervention — a "set it and forget it" experience for end-users



Energy Efficient

Automatically lowers backlight brightness in darker environments, reducing overall power consumption and minimizing energy waste



Optimized for Outdoor Environments

Specifically designed for outdoor installations where external illuminance changes in real time, ensuring optimal visibility at all times



FEATURE	DESCRIPTION
Adaptive Brightness	Integrates a light sensor to automatically detect changes in ambient light levels and adjust screen brightness in real-time.
Sunlight Readable	Automatically increases brightness in bright conditions to ensure the screen remains clear and viewable under direct sunlight.
Energy Efficient	Automatically lowers backlight brightness in darker environments, reducing overall power consumption and minimizing energy waste.
Enhanced Viewer Comfort	Maintains a consistent and comfortable brightness level that adapts to surrounding light, helping to prevent eye strain.
Seamless Automatic Operation	Designed to work seamlessly without any manual intervention, providing a "set it and forget it" experience for end-users.
Optimized for Outdoor Environments	Specifically designed for outdoor installations where external illuminance changes in real time, ensuring optimal visibility at all times.

- **One-Stop Total Solution** – Provides a complete, integrated board solution covering everything from video output to app development.
- **A/D (Analog to Digital) Board** – Converts analog signals into digital signals that can be recognized by the LCD, enabling proper image input and output for display devices.
- **Android Board** – Offers high portability based on Linux, allowing easy integration of new hardware functions, efficient communication with multiple devices, and streamlined app creation for various industrial applications.
- **PC Board (Motherboard)** – Functions as the main board where core computer components (CPU, RAM, graphics card, SSD, HDD, etc.) are mounted. Features a circuit that connects all components and includes output ports for signal transmission.
- **Windows-Ready PC Board** – When Windows is installed, the PC board can be used like a normal computer, providing full desktop functionality

TELUNIX · BOARD SERIES

Board Solution

TX-AB/PC | One-Stop Total Board Solution



One-Stop Total Solution

From video output to App development — JNM provides a complete, integrated board solution covering everything you need



PC Board (Motherboard)

Main board where CPU, RAM, graphics card, SSD, HDD are mounted — connects all components with output ports for signal transmission



A/D (Analog to Digital) Board

Converts analog signals into digital signals recognized by LCD — enables proper image input and output for display devices



Firmware Control

Micro program stored in ROM that controls the hardware — ensures reliable operation and system stability



Android Board

High portability based on Linux — easily link new hardware functions, communicate with multiple devices, and create Apps efficiently



Windows-Ready PC Board

Can be used like a normal computer when Windows is installed — full desktop functionality



A/D Board
· Analog to Digital Conversion
· LCD Signal Processing

Android Board
· Linux-Based
· High Portability
· App Development

PC Board
· Motherboard · CPU · RAM
· Graphics · Windows Ready

One-Stop Total Solution
· From Video Output to App Development

Telunix

Board Solution — One Board. Infinite Possibilities.



A/D Board
Analog to Digital Conversion
LCD Signal Processing

Android Board
Linux-Based · High Portability
App Development

PC Board
Motherboard · CPU · RAM
Graphics · Windows Ready

One-Stop Total Solution
From Video Output to App Development

Telunix

Board Solution — One Board. Infinite Possibilities.

FEATURE	DESCRIPTION
One-Stop Total Solution	From video output to App development, TELUNIX provides a complete, integrated board solution covering everything you need.
A/D (Analog to Digital) Board	Converts analog signals into digital signals that can be recognized by LCD, enabling proper image input and output for display devices.
Android Board	High portability based on Linux — easily link functions of new hardware, communicate with multiple devices, and create Apps efficiently for various industrial sites.
PC Board (Motherboard)	Main board where core computer components (CPU, RAM, graphics card, SSD, HDD, etc.) are mounted, with a circuit connecting all components and output ports for signal transmission.
Firmware Control	Micro program stored in ROM that controls the hardware — ensures reliable operation and system stability.
Windows-Ready PC Board	Can be used like a normal computer when Windows is installed — providing full desktop functionality for various applications.

Touch

TX-TS-HT

- **High Transmittance (>90%):** Offers excellent optical clarity with a transmittance ratio of over 90%, ensuring bright and clear display quality.
- **Superior Durability:** Built with a firm and robust structure, providing long-lasting resistance to wear and tear.
- **High Sensitivity:** Recognizes touch through changes in capacitance, providing a highly responsive and accurate touch experience.
- **Multi-Touch Support:** Supports multi-touch recognition for advanced and intuitive gesture control.
- **Versatile Application:** Suitable for a wide range of uses including cellular phones, ATMs, and game consoles.

TELUNIX · TOUCH SERIES

Capacitive Touch

TX-TS-HT | High Transmittance, Durable & Highly Sensitive Touch



High Transmittance >90%

Exceptional optical clarity with transmittance ratio exceeding 90% — ensuring bright, clear, and vivid display quality



Multi-Touch Recognition

Supports multi-touch recognition — enables advanced and intuitive gesture control for modern interactive applications



Superior Durability

Built with a firm and robust structure — provides long-lasting resistance to wear, scratches, and daily use



Versatile Applications

Suitable for a wide range of uses — cellular phones, ATMs, game consoles, navigation systems, and more



High Sensitivity

Recognizes touch through changes in capacitance — provides a highly responsive and accurate touch experience



Low Transmittance Loss

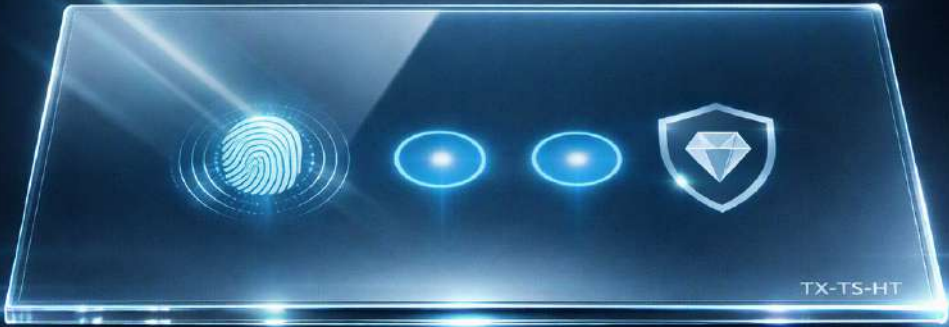
Minimal transmittance loss (~5%) — ensures superior image clarity compared to resistive touch solutions



High Transmittance
>90% · Crystal Clear Display



Multi-Touch Recognition
· Intuitive Gesture Control



TX-TS-HT



Highly Sensitive
Instant Response



Durable & Versatile
Cellular · ATM · Gaming & More

Telunix®

Capacitive Touch — Clear. Responsive. Durable.



High Transmittance
>90% · Crystal Clear Display



Multi-Touch Recognition
Intuitive Gesture Control



TX-TS-HT



High Sensitivity
Instant Response



Durable & Versatile
Cellular · ATM · Gaming & More

Telunix®

Capacitive Touch — Clear. Responsive. Durable.

FEATURE	DESCRIPTION
High Transmittance > 90%	Exceptional optical clarity with a transmittance ratio exceeding 90%, ensuring bright, clear, and vivid display quality.
Superior Durability	Built with a firm and robust structure, providing long-lasting resistance to wear, scratches, and daily use.
High Sensitivity	Recognizes touch through changes in capacitance, providing a highly responsive and accurate touch experience.
Multi-Touch Recognition	Supports multi-touch recognition, enabling advanced and intuitive gesture control for modern interactive applications.
Versatile Applications	Suitable for a wide range of uses including cellular phones, ATMs, game consoles, navigation systems, and more.
Low Transmittance Loss	Minimal transmittance loss (~5%), ensuring superior image clarity compared to resistive touch solutions.

High Brightness

TX-HB

- **Significant Luminance Enhancement** – TELUNIX’s high brightness solution can increase display luminance by approximately 3 times or more through custom-developed Backlight Units (BLU), dramatically improving sunlight readability.
- **Special Optical Film Replacement** – By replacing standard internal films with specialized optical sheets—including a reflector sheet, light guide panel, complexion sheet (prism + DBEF + prism), and diffuser sheet—luminance can be improved by about 1.5 times.
- **Dedicated High-Brightness LED Driver** – The modification includes a specialized LED driver designed specifically for high-brightness applications, ensuring stable and efficient power delivery to the enhanced backlight system.
- **Comprehensive Heat Management** – Solutions are implemented to address heat generation inherent in high-brightness products, ensuring reliable operation and extended product longevity.
- **Customized Application Approach** – Each product’s characteristics are individually reviewed and considered before applying the appropriate BLU, ensuring optimal performance for specific use cases and display requirements.

TELUNIX · BRIGHTNESS SERIES

High Brightness

TX-HB | Sunlight Readable Display Technology



3× Luminance Enhancement

Custom-developed BLU increases display luminance by approximately 3× or more — dramatically improves sunlight readability



Comprehensive Heat Management

Solutions to address heat generation inherent in high-brightness products — ensures reliable operation and extended longevity



Special Optical Film Replacement

Replaces standard films with reflector sheet, light guide panel, prism + DBEF + prism sheet, and diffuser — improves luminance by ~1.5×



Customized BLU Application

Each product's characteristics are individually reviewed before applying the appropriate BLU — ensures optimal performance for specific use cases



Dedicated LED Driver

Specialized LED driver designed specifically for high-brightness applications — ensures stable and efficient power delivery



Side View Design

Optimized side-view modification method with TDP Chassis, Guide Frame, LCD Cell, DBEF, Prism Sheet, Light Guide Plate, and Diffusion Sheet



3× Luminance
· Superior Sunlight Readability



Special Optical Films
· 1.5× Luminance Improvement



Dedicated LED Driver
· Stable & Efficient



Advanced Thermal Management
· Reliable & Long-Lasting



Telunix
High Brightness — See Clearly. Anywhere.



3× Luminance
Superior Sunlight Readability



Special Optical Films
1.5× Luminance Improvement



Dedicated LED Driver
Stable & Efficient



Advanced Thermal Management
Reliable & Long-Lasting



Telunix
High Brightness — See Clearly. Anywhere.

FEATURE	DESCRIPTION
×3 Luminance Enhancement	Custom-developed Backlight Unit (BLU) can increase display luminance by approximately 3× or more, dramatically improving sunlight readability.
Special Optical Film Replacement	Replaces standard internal films with specialized optical sheets — including a Reflector Sheet, Light Guide Panel, Prism + DBEF + Prism sheet, and Diffuser Sheet — achieving approximately 1.5× luminance improvement.
Dedicated High-Brightness LED Driver	Includes a specialized LED driver designed specifically for high-brightness applications, ensuring stable and efficient power delivery to the enhanced backlight system.
Comprehensive Heat Management	Solutions are implemented to address heat generation inherent in high-brightness products, ensuring reliable operation and extended product longevity.
Customized BLU Application	Each product's characteristics are individually reviewed and considered before applying the appropriate BLU, ensuring optimal performance for specific use cases and display requirements.
Side View Modification Method	Utilizes an optimized side-view modification method with TDP Chassis, Guide Frame, LCD Cell, DBEF, Prism Sheet (H+B), Light Guide Plate, and Diffusion Sheet for enhanced optical performance.

- **AI-Powered Intelligent Tracking & Auto-Framing** – Utilizes built-in AI algorithms to automatically detect, track, and frame participants. The camera can follow a speaker's movement or automatically adjust to include all participants in the frame, ensuring everyone remains clearly visible without manual control.
- **Stunning 4K Ultra-HD Video Quality** – Equipped with advanced 4K CMOS sensors, the camera delivers ultra-high-definition video with resolutions up to 3840x2160. This results in exceptionally detailed, clear, and vibrant images, making every meeting feel more immersive and professional.
- **Professional-Grade Audio Processing (3A Algorithms)** – Features advanced audio technologies, including Acoustic Echo Cancellation (AEC), Noise Suppression (ANS), and Automatic Gain Control (AGC). These 3A algorithms ensure crystal-clear, full-duplex audio by eliminating echo and background noise for natural, uninterrupted conversations.
- **Versatile Connectivity & BYOD Support** – Offers flexible connectivity options, including USB, HDMI, SDI, NDI, and IP. Many models support "Bring Your Own Device" (BYOD) functionality, allowing for easy connection to laptops, meeting room PCs, and various software platforms like Zoom and Microsoft Teams, with several models being officially certified.
- **Seamless Plug-and-Play Integration** – Designed for simplicity and ease of use, many Telunix cameras are USB plug-and-play devices that require no complicated driver installation. This allows for quick setup in any meeting space, from small huddle rooms to large conference rooms, without the need for specialized IT support.

TELUNIX · CONFERENCE SERIES

TX-WC-RT

Ground-breaking Innovations · AI-Powered Video Conferencing



4K UHD Video Quality

Advanced UHD CMOS sensor delivers 4K resolution with rich detail and vibrant color — crystal clear video for every meeting



Professional 3A Audio Processing

Advanced 3A algorithms ensure clear, full-duplex audio with Acoustic Echo Cancellation (AEC) and Noise Suppression (ANS) for uninterrupted calls



AI Auto-Framing

Built-in AI algorithms automatically detect participants and adjust the camera angle for the best composition — everyone stays in frame



Universal Platform Compatibility

Certified for Zoom, Microsoft Teams, and other major platforms — seamless integration with the tools your team already uses



AI Humanoid & Voice Tracking

Deep learning AI tracks presenters naturally — camera stays locked on the speaker, eliminating the need for manual control



Plug & Play / BYOD Ready

USB 3.0 interface with integrated power, video, and audio — quick setup in any meeting space without specialized IT support

4K
4K UHD · Crystal Clear Video
· Ultra-HD CMOS Sensor

AI Auto-Framing
· Humanoid & Voice Tracking
· Always in Focus

Professional 3A Audio
· AEC · ANS · AGC ·
Crystal Clear Communication

Universal Compatibility
Plug & Play · USB · HDMI · IP · NDI

Telunix
TX-WC-RT — Ground-breaking Innovation. Seamless Collaboration.

4K
Crystal Clear Video
Ultra-HD CMOS Sensor

AI Auto-Framing
Humanoid & Voice Tracking
Always in Focus

Professional Audio
AEC · ANS · AGC
Crystal Clear Communication

Universal Compatibility
Plug & Play · USB · HDMI · IP
GOGIE · Medi

Telunix
TX-WC-RT
Ground-breaking Innovation. Seamless Collaboration.

FEATURE	DESCRIPTION
4K UHD Video Quality	Advanced UHD CMOS sensor delivers 4K resolution with rich detail and vibrant color — crystal clear video for every meeting.
AI Auto-Framing & Tracking	Built-in AI algorithms automatically detect participants and adjust the camera angle for the best composition. Humanoid and voice tracking keep the camera locked on the speaker, eliminating the need for manual control.
Professional 3A Audio Processing	Advanced 3A algorithms (AEC, ANS, AGC) ensure clear, full-duplex audio — Acoustic Echo Cancellation and Noise Suppression for uninterrupted calls.
Universal Platform Compatibility	Certified for Zoom, Microsoft Teams, and other major platforms — seamless integration with the tools your team already uses.
Plug & Play / BYOD Ready	USB 3.0 interface with integrated power, video, and audio — quick setup in any meeting space without specialized IT support.
Flexible PTZ Control & Wide Viewing Angle	Professional pan-tilt-zoom with wide-angle lens (up to 120° DFOV) — captures every corner of the room with smooth, silent motorized movement.

13



SOLUTIONS

Meeting

TX-SOL-VC1

- **Wireless Casting & BYOD Support** – Supports all major wireless casting protocols without requiring any app installation, enabling seamless presentation from laptops, tablets, and smartphones across different platforms.
- **Multi-Screen Display** – Supports up to 4-screen simultaneous display, making it ideal for comparing plans, data, or visuals at a glance.
- **Effortless Presenter Switching** – Switch between presenters wirelessly with no cable swapping and no setup delays, ensuring smooth and uninterrupted meetings.
- **Content Capture & Recording** – Record meeting content or capture screenshots, with instant access via QR code for easy sharing and review.
- **Live Annotation & Collaboration** – Make instant notes or highlights directly on the presentation screen, with everything remaining clear, saved, and easy to review later. Supports real-time voting, content sharing, and discussion for truly paperless collaboration.



Meeting Solution

TX-SOL-VC1 | BYOD Video Conferencing & Collaboration



Wireless Casting

Supports all major protocols with no app needed — cast wirelessly from laptops, tablets, and smartphones across different platforms



Content Capture & Recording

Record meeting content or capture screenshots — access instantly via QR code for easy sharing and review



Multi-Screen Display

Supports up to 4-screen simultaneous display — perfect for comparing plans, data, or visuals at a glance



Live Annotation & Collaboration

Make instant notes or highlights directly on the presentation screen — everything remains clear, saved, and easy to review later



Effortless Presenter Switching

Switch between presenters wirelessly with no cable swapping and no setup delays — smooth, uninterrupted meetings



Real-Time Engagement Tools

Real-time voting, content sharing, and discussion — truly paperless collaboration with instant feedback

FEATURE	DESCRIPTION
Wireless Casting	Supports all major wireless casting protocols with no app installation required — cast seamlessly from laptops, tablets, and smartphones across different platforms.
Multi-Screen Display	Supports up to screen4- simultaneous display, making it ideal for comparing plans, data, or visuals at a glance.
Effortless Presenter Switching	Switch between presenters wirelessly with no cable swapping and no setup delays, ensuring smooth and uninterrupted meetings.
Live Annotation & Collaboration	Make instant notes or highlights directly on the presentation screen, with everything remaining clear, saved, and easy to review later.
Content Capture & Recording	Record meeting content or capture screenshots, with instant access via QR code for easy sharing and review.
Real-Time Engagement Tools	Supports real-time voting, content sharing, and discussion for truly paperless collaboration with instant feedback.

- **App-Free BYOD Connectivity** – Students connect their own devices directly to the classroom screen with no downloads, apps, or barriers — making participation instant and hassle-free.
- **Multi-Screen Display** – Supports up to 4-screen simultaneous display, allowing teachers to present multiple materials side-by-side for better comparison and engagement.
- **Real-Time Annotation & Digital Whiteboard** – Teachers can perform real-time annotation and use the digital whiteboard during lessons, with the option to easily save all content for later review.
- **One-Click Group Mirroring** – Instantly display the teacher's screen to all student groups or individual devices via GeeLink, enabling active learning and focused collaboration.
- **Side-by-Side Group Comparison** – Review and discuss multiple group outputs collaboratively on the main display, making it easy to compare and contrast student work.
- **Peer Showcase Mode** – Highlight any group's work to the entire class to encourage peer learning and foster a collaborative classroom environment.
- **Campus-Wide Lesson Broadcast** – Use GeeLink to instantly broadcast one live lesson to every other class across the campus, unifying the curriculum and enabling school-wide teaching.
- **Family Event Streaming** – Easily launch live streams of school events (assemblies, performances, parent meetings) via TELUNIX for remote viewing by parents and families.
- **Powerful Classroom Wi-Fi** – Supports over 60 devices connected simultaneously, ensuring reliable, dropout-free connectivity for large classes.
- **Simple Control & Zero Learning Curve** – User-friendly design requires no training for teachers or students, allowing immediate adoption without technical headaches.

BYOD & Education Solutions

Top 10 features for seamless collaboration & interactive learning



Plug-and-Play BYOD

Connect any laptop via single USB-C – video, audio, power & charging in one cable[reference:0]



Multi-Screen Display

Supports up to 4-screen simultaneous display – ideal for side-by-side comparison[reference:5]



4K Ultra-Wide Camera

8MP sensor with 120° DFOV – captures every detail across the entire room[reference:1]



App-Free BYOD Connectivity

Students connect directly to the screen – no downloads, no barriers[reference:6]



AI-Powered Framing

Group & speaker framing with face/human-shape recognition – keeps everyone in frame[reference:2]



Real-Time Annotation & Whiteboard

Live annotation, digital whiteboard, and one-click save for all content[reference:7]



AI Audio + Noise Cancellation

6-beamforming mic array, AEC/ANC/AGC/ARS – clear voice pickup up to 6m[reference:3]



One-Click Group Mirroring

Instantly mirror teacher screen to all groups or individual student devices (via GeeLink)[reference:8]



Works with Teams, Zoom, Meet

Seamless integration with all major platforms – no vendor lock-in[reference:4]



Campus-Wide Broadcast

GeeLink enables school-wide live streaming – unify curriculum & stream events[reference:9][reference:10]



TELUNIX

Make Teaching Engaging, and Learning Effortless.

FEATURE	DESCRIPTION
App-Free BYOD Connectivity	Students connect their own devices directly to the classroom screen with no downloads, apps, or barriers — making participation instant and hassle-free.
Multi-Screen Display	Supports up to screen 4- simultaneous display, allowing teachers to present multiple materials side-by-side for better comparison and engagement.
Real-Time Annotation & Whiteboard	Teachers can perform real-time annotation and use the digital whiteboard during lessons, with the option to easily save all content for later review.
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Campus Lesson Broadcast	Use GeeLink to instantly broadcast one live lesson to every other class across the campus, unifying the curriculum and enabling school-wide teaching.
Family Event Streaming	Easily launch live streams of school events (assemblies, performances, parent meetings) via Telunix for remote viewing by parents and families.
Powerful Classroom Wi-Fi	Supports over 60 devices connected simultaneously, ensuring reliable, dropout-free connectivity for large classes.
Simple Control & Zero Learning Curve	User-friendly design requires no training for teachers or students, allowing immediate adoption without technical headaches.

- **DICOM 3.0 Part 14 Compliance & Calibration** – Strictly complies with the DICOM 3.0 Part 14 Medical Display Standards and integrates a proprietary DICOM calibration curve algorithm, ensuring precise and reliable image calibration for accurate diagnosis.
- **High Brightness & Wide Viewing Angle** – Delivers exceptional image quality with brightness levels up to 600 cd/m² and an ultra-wide viewing angle of H178°/V178°, ensuring clear visibility from any position.
- **4K UHD & Multi-Screen Display Support** – Supports 4K 2K 60Hz ultra-high-definition display with up to 4 multi-screen display capabilities, ideal for comprehensive consultations and surgical monitoring.
- **Specialized Medical Display Portfolio** – Offers a full range of application-specific displays including diagnostic displays for radiology, endoscopic surgical displays, PACS integrated displays, consultation display centers, and ultrasound image displays.
- **Waterproof & Antimicrobial Design** – Features a waterproof and antimicrobial enclosure, making it suitable for complex hospital environments and surgical procedures.
- **IPS Technology & High Grayscale** – Utilizes advanced IPS LCD panel technology with up to 16-bit grayscale, delivering exceptional image quality and precise grayscale differentiation for medical imaging.
- **High Contrast & Fast Response** – Offers a 1000:1 contrast ratio with a 14ms response time, ensuring clear differentiation between subtle tissue variations and smooth motion rendering.
- **Anti-Reflective Protection Panel** – Incorporates a high-transmittance anti-reflective protective panel, reducing glare and ensuring clear visibility even under bright operating room lights.
- **AI-Powered Video & Audio Clarity** – AI-driven cameras and noise-reducing microphones deliver crystal-clear audio and video for telemedicine, virtual care, and bedside patient monitoring.
- **USB Plug-and-Play Simplicity** – Eliminates AV complexity with USB plug-and-play video solutions designed to work out-of-the-box, supporting the most common virtual care use cases without heavy IT support.

Healthcare Solution

TX-SOL-HC | Precision Imaging · Virtual Care · Anywhere



DICOM 3.14 Compliance & Calibration

Strict compliance with DICOM 3.14 Medical Display Standards with self-calibration algorithm ensuring precise, consistent image quality[reference:0][reference:1]



High Brightness & Wide Viewing Angle

Brightness up to 600-1300 cd/m² with ultra-wide viewing angle of H178°/V178°, ensuring clear visibility from any position[reference:2][reference:3]



4K UHD & Multi-Screen Display

Supports 4K UHD resolution at 60Hz with up to 4 multi-screen display capabilities, ideal for comprehensive consultations and surgical monitoring[reference:4]



High Grayscale & IPS Technology

Advanced IPS LCD panel technology with up to 16-bit grayscale, delivering exceptional image quality and precise grayscale differentiation[reference:5][reference:6]



Waterproof & Antimicrobial Design

Waterproof and antimicrobial enclosure designed for complex hospital environments, surgical procedures, and high-hygiene areas



Anti-Reflective Protection Panel

High-transmittance anti-reflective protective panel reducing glare and ensuring clear visibility even under bright operating room lights



Full Medical Display Portfolio

Complete range including Diagnostic Displays, Endoscopic Surgical Displays, PACS Integrated Displays, Consultation Centers, and Ultrasound Displays[reference:7]



AI-Powered Video & Audio Clarity

AI-driven cameras with auto-framing and voice tracking, plus noise-reducing microphones delivering crystal-clear audio and video for telemedicine[reference:8][reference:9]



High Contrast & Fast Response

Contrast ratio up to 1000:1-2000:1 with fast response time (14-25ms), ensuring clear differentiation between subtle tissue variations[reference:10][reference:11]



USB Plug-and-Play Simplicity

Eliminates AV complexity with USB plug-and-play video solutions, designed to work out-of-the-box for virtual care use cases[reference:12][reference:13]



One-Click Image Capture

Instant screen freezing and one-click image capture during endoscopic and surgical procedures, enabling real-time documentation[reference:14]



Multi-LUT Mode & Low Blue Light

Supports multiple LUT mode switching to adapt to different medical device images, with low blue light technology for clinician eye comfort[reference:15][reference:16]

FEATURE	DESCRIPTION
DICOM 3.14 Compliance & Self-Calibration	Strict compliance with DICOM 3.14 Medical Display Standards with offline self-calibration capability, ensuring consistent and accurate image quality throughout the monitor's lifecycle.
High Brightness & Wide Viewing Angle	Brightness up to 600-1300 cd/m ² with ultra-wide viewing angle of H178°/V178°, ensuring clear visibility from any position.
4K UHD & Multi-Screen Display Support	Supports 4K UHD resolution at 60Hz with up to 4 multi-screen display capabilities, ideal for comprehensive consultations and surgical monitoring.
High Grayscale & IPS Panel Technology	Advanced IPS LCD panel technology with up to 16-bit grayscale, delivering exceptional image quality and precise grayscale differentiation.
Waterproof & Antimicrobial Design	Waterproof and antimicrobial enclosure designed for complex hospital environments, surgical procedures, and high-hygiene areas.
Anti-Reflective Protection Panel	High-transmittance anti-reflective protective panel reducing glare and ensuring clear visibility even under bright operating room lights.
Full Medical Display Portfolio	Complete range including Diagnostic Displays for radiology, Endoscopic Surgical Displays, PACS Integrated Displays, Consultation Centers, and Ultrasound Displays.
AI-Powered Video & Audio Clarity	AI-driven cameras with auto-framing, humanoid tracking, and voice tracking, plus noise-reducing microphones delivering crystal-clear audio and video for telemedicine.
High Contrast & Fast Response	Contrast ratio up to 1000:1-2000:1 with fast response time (8-25ms), ensuring clear differentiation between subtle tissue variations.
USB Plug-and-Play Simplicity	Eliminates AV complexity with USB plug-and-play video solutions designed to work out-of-the-box for virtual care use cases.
One-Click Image Capture	Instant screen freezing and one-click image capture during endoscopic and surgical procedures, enabling real-time documentation.
Multi-LUT Mode & Low Blue Light	Supports multiple LUT mode switching to adapt to different medical device images, with low blue light technology for clinician eye comfort.

Control Room

TX-SOL-CR

- **Crystal-Clear Visuals** – Features adjustable brightness and high contrast, delivering crisp and vivid content visibility under any indoor lighting conditions.
- **Wide Viewing Angles** – Monitors offer 170° horizontal and 160° vertical viewing angles, making critical information readily accessible from any position in the control room.
- **Front Service & Easy Maintenance** – Super slim panels with 100% front service design provide easy maintenance, minimizing downtime and maximizing operational efficiency.
- **Customizable Video Walls** – Allows creation of custom control room video walls ranging from single displays to expansive multi-screen setups, tailored to specific monitoring needs.
- **Energy-Efficient & Sustainable** – Features energy-saving LED technology that reduces environmental impact while lowering operational costs.



Control Room Solution

TX-SOL-CR | Crystal-Clear Display You Can Rely On



Crystal-Clear Visuals

Adjustable brightness and high contrast deliver crisp, vivid content visibility under any indoor lighting conditions



Wide Viewing Angles

170° horizontal and 160° vertical viewing angles make critical information readily accessible from any position



Front Service & Easy Maintenance

Super slim panels with 100% front service design provide easy maintenance, minimizing downtime and maximizing efficiency



Energy-Efficient & Sustainable

Energy-saving LED technology reduces environmental impact while lowering operational costs



Customizable Video Walls

Create custom control room video walls from single displays to expansive multi-screen setups, tailored to your monitoring needs



Easy Installation

Simple and intuitive installation process saves time and labor, getting your control room up and running quickly and efficiently

FEATURE	DESCRIPTION
Crystal-Clear Visuals	Adjustable brightness and high contrast deliver crisp and vivid content visibility under any indoor lighting conditions.
Wide Viewing Angles	Monitors offer 170° horizontal and 160° vertical viewing angles, making critical information readily accessible from any position in the control room.
Front Service & Easy Maintenance	Super slim panels with 100% front service design provide easy maintenance, minimizing downtime and maximizing operational efficiency.
Customizable Video Walls	Create custom control room video walls ranging from single displays to expansive multi-screen setups, tailored to specific monitoring needs.
Energy-Efficient & Sustainable	Energy-saving LED technology reduces environmental impact while lowering operational costs.
Easy Installation	Simple and intuitive installation process saves time and labor, getting your control room up and running quickly and efficiently.

Outdoor

TX-SOL-O

- **Ultra-High Brightness for Sunlight Readability** – Delivers exceptional visibility even in direct sunlight with brightness levels up to 10,000 nits. This ensures content remains vivid and eye-catching in all outdoor lighting conditions, from bright daylight to nighttime.
- **Advanced Thermal Management & Durability** – Features patented heat dissipation technology using graphene thermal conductive materials, improving thermal conductivity by up to 33% and ensuring stable 24/7/365 operation in extreme temperatures. The IP65-rated enclosure withstands harsh outdoor weather, dust, and moisture.
- **Smart Monitoring & Predictive Maintenance** – Each module is embedded with a unique electronic chip for real-time visual management, enabling precise monitoring of temperature, voltage, and performance status. This allows for proactive risk prediction and alarm notifications to ensure stable operation.
- **Slim, Lightweight & Efficient Installation** – Uses advanced aluminum cabinet designs that are up to 65% lighter and 60% thinner than conventional cabinets, significantly reducing transportation costs and enabling rapid installation. A large 1,100m² installation can be completed within days.
- **Energy-Efficient Operation** – Achieves up to 15% energy savings through optimized power control and customized PCBs with power-saving features, significantly reducing operating expenses while maintaining high performance.



Telunix

Outdoor Solution — Brilliant Visibility. Anywhere.



TELUNIX · OUTDOOR SERIES

Outdoor Solution

TX-SOL-O | Brilliant Visibility. Anywhere.



Ultra-High Brightness

Up to 10,000 nits with triple-louver design — HDR & Rec.2020 deliver vivid images even in direct sunlight[reference:0]



Patented Heat Dissipation

Graphene thermal materials with 6 invention patents — improves conductivity up to 33%, ensuring stability and longevity[reference:1]



Smart Module Monitoring

Unique ID per module with real-time temperature & voltage detection — enables precise control and risk prediction[reference:2]



Thinner & Lighter Design

Aluminum cabinets up to 65% lighter and 60% thinner — rapid installation of 1,100m² within days[reference:3]



Efficient Energy Saving

Up to 15% energy savings through precise power control and customized PCBs — lowers operating expenses[reference:4]



Patented Seamless Corner

Eliminates black edge lines from 45° to 180° — continuous panoramic displays that fit any building facade[reference:5]

FEATURE	DESCRIPTION
Ultra-High Brightness	Up to 10,000 nits with triple-louver design, plus HDR and Rec.2020 gamut support, delivering vivid, colorful images even in direct sunlight.
Patented Thermal Management	Self-developed graphene thermal materials with 6 invention patents and 4 utility models, improving thermal conductivity by up to 33% for stability and longevity.
Smart Module Monitoring	Each module has a unique ID with real-time temperature and voltage detection, enabling precise control, risk prediction, and email alerts for stable performance.
Thinner & Lighter Design	Advanced aluminum cabinets up to 65% lighter and 60% thinner than conventional designs, enabling rapid installation of 1,100m ² within days.
Efficient Energy Saving	Optimized power supply and customized PCBs deliver up to 15% energy savings, significantly reducing operating expenses.
Patented Seamless Corner	Patented design eliminates black edge lines from 180° to 45°, creating continuous panoramic displays that fit any building facade.
IP65 Weatherproof Durability	IP-65rated enclosures withstand extreme outdoor weather, dust, and moisture, ensuring reliable 7/24/365 operation in any environment.
Anti-Reflection Glass	High-transmittance anti-reflection glass reduces glare, ensuring clear visibility and eye-catching content even in direct sunlight.

- **Industrial-Grade Display Quality** – Built with high brightness, high contrast ratio, a 178/178 ultra-wide viewing angle, and high resolution to deliver an exceptional visual experience even in demanding environments.
- **Personalized Branding & Customization** – Offers personalized ATM digital signage solutions that can be customized to meet the brand guidelines of banks and financial service providers, enhancing customer perception of the brand through ATMs.
- **Real-Time Content Updates** – Supports on-screen display of account balances, promotions, and services with real-time updates of operating systems and displays, ensuring customers always see the most current information.
- **Self-Developed Industrial-Grade Driver Board** – Equipped with Telunix' self-developed industrial-grade display driver board, designed to meet the needs of various professional application scenarios with high reliability and stable performance.
- **Versatile Professional Applications** – Targeted at ATM machines, payment terminals, retail terminals, medical equipment, industrial equipment, and other fields with high requirements for product quality and professionalism.



ATM Digital Signage

TX-SOL-ATM-DS | Elevate Every Transaction



Industrial-Grade Display Quality

High brightness, high contrast ratio, 178/178 ultra-wide viewing angle, and high resolution for an exceptional visual experience



IP65-Rated Durability

Industrial-grade displays with high protection levels — durable, secure, and reliable for demanding ATM environments



Personalized Branding & Customization

Customizable ATM signage solutions that meet brand guidelines of banks and financial service providers



Versatile Professional Applications

Targeted at ATM machines, payment terminals, retail terminals, medical equipment, and industrial equipment



Real-Time Content Updates

On-screen display of account balances, promotions, and services with real-time operating system and display updates



Self-Developed Industrial-Grade Driver Board

Self-developed industrial-grade display driver board designed to meet needs of various professional application scenarios



FEATURE	DESCRIPTION
Industrial-Grade Display Quality	High brightness, high contrast ratio, 178/178 ultra-wide viewing angle, and high resolution deliver an exceptional visual experience in demanding environments.
Self-Developed Industrial-Grade Driver Board	Equipped with Telunix' self-developed industrial-grade display driver board, designed to meet the needs of various professional application scenarios.
Personalized Branding & Customization	Customizable ATM digital signage solutions that meet the brand guidelines of banks and financial service providers, enhancing customer brand perception.
Real-Time Content Updates	On-screen display of account balances, promotions, and services with real-time updates of operating systems and displays, ensuring customers always see current information.
IP-65Rated Durability & Security	IP-65rated industrial-grade displays meet high protection level requirements, offering durable, secure, and reliable operation for demanding ATM environments.
Versatile Professional Applications	Targeted at ATM machines, payment terminals, retail terminals, medical equipment, industrial equipment, and other fields with high quality and professionalism requirements.

Commercial Windows

TX-SOL-CW-DS

- **Super High Brightness** – Exceptionally bright displays ensure content remains vivid and visible even in direct sunlight, turning your storefront into a prime advertising space that grabs attention from a distance.
- **Double-Sided Display** – Supports double-sided display capabilities, maximizing visibility and advertising impact for passersby on both sides of the window.
- **Anti-Blackening Technology** – Prevents the display from darkening over time, ensuring long-lasting visual quality and consistent performance.
- **Shaped Splicing & Custom Configurations** – Offers creative shaped splicing options and flexible screen configurations (including vertical stands and multiple screen setups), allowing businesses to customize their displays for maximum visual appeal.
- **Commercial-Grade Durability with Timer Switch** – Built with commercial-grade panels for reliable 24/7 operation, featuring a timer switch function for automated on/off scheduling to optimize energy efficiency and display lifespan.

TELUNIX · RETAIL SERIES

Commercial Windows

TX-SOL-CW-DS | Digital Storefront Display Solutions



Super High Brightness

Exceptionally bright displays ensure content remains vivid and visible even in direct sunlight — grabs attention from a distance



Commercial-Grade Durability

Built with commercial-grade panels for reliable 24/7 operation — timer switch function for automated on/off scheduling



Double-Sided Display

Supports double-sided display capabilities, maximizing visibility and advertising impact for passersby on both sides



Anti-Blackening Technology

Prevents the display from darkening over time, ensuring long-lasting visual quality and consistent performance



Shaped Splicing & Custom Configurations

Creative shaped splicing options and flexible screen configurations — customize displays for maximum visual appeal



Dynamic Content Updates

Replace costly static paper signs with digital LCD posters — change content quickly and easily for multiple promotions



FEATURE	DESCRIPTION
Super High Brightness	Exceptionally bright displays ensure content remains vivid and visible even in direct sunlight, turning your storefront into prime advertising space that grabs attention from a distance.
Double-Sided Display	Supports double-sided display capabilities, maximizing visibility and advertising impact for passersby on both sides of the window.
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Shaped Splicing & Custom Configurations	Creative shaped splicing options and flexible screen configurations (including vertical stands and multiple screen setups), allowing businesses to customize displays for maximum visual appeal.
Commercial-Grade Durability	Built with commercial-grade panels for reliable 24/7 operation, featuring a timer switch function for automated on/off scheduling to optimize energy efficiency and display lifespan.
Dynamic Content Updates	Replace costly static paper signs with digital LCD posters that allow quick and easy content changes for multiple promotions, keeping your messaging fresh and engaging.

Restaurant

TX-SOL-R-DS

- **Multimedia Digital Menu Display** – Telunix's LCD screens provide a modern approach to menu presentation, displaying dish information in a multimedia format that enhances customer ordering efficiency and overall dining experience.
- **Self-Order & Checkout Kiosks** – Self-service ordering and checkout equipment allows customers to complete the ordering process through a touch screen, then pay via card swipe, QR code scan, or facial recognition. This reduces labor costs and eliminates operational errors, wrong orders, and missing orders.
- **Integrated Order-to-Pickup Workflow** – The solution creates a seamless flow from promotion to order placement, production, waiting, and meal pickup. Pickup information is displayed so customers can collect their meals in a timely manner.
- **Promotion Rotation & Brand Video Display** – Restaurants can pre-arrange and rotate promotions to attract customer attention and drive sales, while also displaying brand videos to increase brand awareness.
- **Comprehensive OEM/ODM Customization** – Telunix offers detailed OEM/ODM solutions, allowing restaurants to customize features and functionality to meet their specific operational needs.



Restaurant Digital Signage

TX-SOL-R-DS | Elevate Every Dining Experience



Multimedia Digital Menu Display

LCD screens provide a modern approach to menu presentation, displaying dish information in a multimedia format that enhances customer ordering efficiency



Comprehensive OEM/ODM Customization

Detailed OEM/ODM solutions allow restaurants to customize features and functionality to meet their specific operational needs



Self-Order & Checkout Kiosks

Self-service ordering and checkout equipment allows customers to complete ordering through touch screen, then pay via card swipe, QR code scan, or facial recognition



Promotion Rotation & Brand Video Display

Pre-arrange and rotate promotions to attract customer attention and drive sales, while also displaying brand videos to increase brand awareness



Integrated Order-to-Pickup Workflow

Seamless flow from promotion to order placement, production, waiting, and meal pickup — pickup information is displayed so customers can collect meals in a timely manner



Labor Cost Reduction & Error Elimination

Automates ordering and checkout processes to minimize staffing requirements, eliminates manual ordering mistakes, wrong orders, and missed orders

Multimedia Menu
HD Dish Images • Enhanced Ordering Efficiency

Self-Order & Checkout
Card • QR • Face Payment • Error-Free

Telunix Restaurant Digital Signage

Digital Menu

Gourmet Burger \$8.99 With Fries & Drink	Grilled Chicken Salad \$10.49 Fresh & Healthy	Orzo Dairy Pasta \$16.49 Frisch & Delicious
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50% OFF
Burgers
Later & Ready! Pesh

Order to Pickup
Order • Prepare • Ready • Enjoy

Promotion Rotation
Brand Videos • Drive Sales & Awareness

OEM/ODM Customization
Tailored to Your Restaurant Needs

Telunix

Restaurant Digital Signage — Elevate Every Dining Experience.

FEATURE	DESCRIPTION
Multimedia Digital Menu Display	LCD screens provide a modern approach to menu presentation, displaying dish information in a multimedia format that enhances customer ordering efficiency and overall dining experience.
Self-Order & Checkout Kiosks	Self-service ordering and checkout equipment allows customers to complete the ordering process through a touch screen, then pay via card swipe, QR code scan, or facial recognition. This reduces labor costs and eliminates operational errors, wrong orders, and missing orders.
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Labor Cost Reduction & Error Elimination	Automates ordering and checkout processes to minimize staffing requirements, eliminating manual ordering mistakes, wrong orders, and missed orders.
Comprehensive OEM/ODM Customization	Telunix offers detailed OEM/ODM solutions, allowing restaurants to customize features and functionality to meet their specific operational needs.

- **Patented Secondary Optical Design** – Built on 20 years of technological advancement, featuring an efficient patented optical system and precise circuit design that complies with EN12966 standards. This ensures the lowest power consumption, minimal light pollution and reflection, and the highest contrast ratio for clear visual images and stable performance.
- **Patented Power Saving** – Self-developed low-power supply method and sleep mode deliver up to 40% energy savings. The customized asynchronous control system and power-saving PCB enhance stability, extend lifespan to over 10 years, and prevent crosstalk between screens and grids.
- **EMC Shielding** – Advanced shielding design provides EMC protection to minimize electromagnetic interference. The tailored anti-interference circuit isolates internal and external coupling to prevent equipment failure, data loss, and security threats—highly favored by military, medical, transportation, and security industries.
- **Ultra-High Weatherproof** – Complies with EN12966 standards, tested hundreds of times in harsh conditions to ensure IP65 protection and reliable operation in extreme temperatures (-40°C to 70°C) and 93% RH humidity. High stability prevents equipment faults and reduces maintenance frequency.
- **Patented Brightness Compensation** – Self-developed compensation technology based on patented electronic design and intelligent data adaptation enables automatic brightness compensation. This prevents low luminous efficiency, brightness differences, and content distortion caused by device aging, improving clarity and road safety.



Traffic Solution

TX-SOL-T-DS | Intelligent Traffic. Safer Roads.



Patented Secondary Optical Design

EN12966 compliant with patented optical system and precise circuit design — lowest power consumption, least light pollution, and highest contrast ratio for clear visual images



Patented Power Saving

Self-developed low-power supply and sleep mode deliver up to 40% energy savings with customized asynchronous control system — extends lifespan to over 10 years



EMC Shielding

Advanced shielding design minimizes electromagnetic interference with tailored anti-interference circuit — prevents equipment failure, data loss, and security threats



Ultra-High Weatherproof

IP65 protection tested hundreds of times in harsh conditions — reliable operation from -40°C to 70°C with 93% RH humidity, ensuring prompt and accurate public information



Patented Brightness Compensation

Self-developed compensation technology with intelligent data adaptation — automatically prevents brightness differences and content distortion caused by device aging



Communication Protocols

Supports NCTIP, IO, PROFIBUS, MODBUS, PROFINET and custom protocols — ensuring interoperability between Traffic Control Systems and Intelligent Transportation Systems

Patented Optical Design

- EN12966 Compliant
- Highest Contrast
- Lowest Power

Ultra-High Weatherproof

- IP65
- -40°C to 70°C
- 93% RH

Patented Power Saving

- Up to 40% Energy Savings
- 10+ Year Lifespan

EMC Shielding

- Multi-Protocol Support
- NCTIP · MODBUS · PROFINET

Telunix

Traffic Solution — Intelligent Traffic. Safer Roads.

FEATURE	DESCRIPTION
Patented Secondary Optical Design	Based on years 20 of technological advancement featuring an efficient patented optical system and precise circuit design that complies with EN12966 standards — delivering the lowest power consumption, least light pollution and reflection, and the highest contrast ratio for clear visual images and stable performance.
Patented Power Saving	Self-developed low-power supply method and sleep mode deliver up to 40% energy savings. Customized asynchronous control system and power-saving PCB enhance stability, extend lifespan to over years 10, and prevent crosstalk between screens and grids.
EMC Shielding	Advanced shielding design provides EMC protection to minimize electromagnetic interference. Tailored anti-interference circuit isolates internal and external coupling to prevent equipment failure, data loss, and security threats — highly favored by military, medical, transportation, and security industries.
Ultra-High Weatherproof	Complies with EN12966 standards, tested hundreds of times in harsh conditions to ensure IP65 protection and reliable operation in extreme temperatures (-40°C to 70°C) and 93% RH humidity. High stability prevents equipment faults and reduces maintenance frequency.
Patented Brightness Compensation	Self-developed compensation technology based on patented electronic design and intelligent data adaptation enables automatic brightness compensation — preventing low luminous efficiency, brightness differences, and content distortion caused by device aging, improving clarity and road safety.
Communication Protocols	Supports integration of protocols such as PROFINET, MODBUS, PROFIBUS, IO, and NCTIP to ensure interoperability between Traffic Control Systems and Intelligent Transportation Systems, enabling efficient traffic management and information sharing.

Transportation

TX-SOL-TP-DS

- **Sunlight Readable High Brightness** – Features ultra-high brightness panels (up to 2500 nits) with an auto-dimming sensor, guaranteeing crystal-clear visibility even under direct sunlight without screen blackening.
- **Anti-Shock & Anti-Vibration Design** – Vehicle-mounted transit screens utilize specialized shock-absorbing brackets, reinforced internal wiring, and fanless cooling systems to operate flawlessly on moving buses and trains.
- **IP65 Weatherproof Protection** – Fully sealed outdoor enclosures protect against dust, heavy rain, and humidity, with a wide operating temperature range (-20°C to 70°C) for 24/7 reliability in any climate.
- **Centralized Content Management (CMS)** – Update thousands of screens across the entire transit network instantly via Wi-Fi, LAN, or 4G connectivity, with seamless integration into industry-leading CMS software.
- **Dynamic Real-Time Information Display** – Displays real-time ride information including the latest schedules, ticket windows, waiting lounge details, entertainment videos, weather forecasts, and targeted advertisements — enriching the passenger experience and improving operational efficiency.



Transportation Digital Signage

TX-SOL-TP-DS | Intelligent Transit. Smarter Journeys.



Sunlight Readable High Brightness

Ultra-high brightness panels up to 2500 nits with auto-dimming sensor — crystal-clear visibility even under direct sunlight without screen blackening



Centralized Content Management (CMS)

Update thousands of screens across your entire transit network instantly via Wi-Fi, LAN, or 4G with seamless integration into industry-leading CMS software



Anti-Shock & Anti-Vibration Design

Specialized shock-absorbing brackets, reinforced internal wiring, and fanless cooling systems for flawless operation on moving buses and trains



Dynamic Real-Time Information Display

Real-time ride information including schedules, ticket windows, waiting lounge details, entertainment videos, weather forecasts, and targeted advertisements



IP65 Weatherproof Protection

Fully sealed outdoor enclosures protect against dust, heavy rain, and humidity with wide operating temperature range (-20°C to 70°C) for 24/7 reliability



Versatile Applications & OEM/ODM Customization

Suitable for airports, subway networks, bus fleets, and railway hubs — detailed OEM/ODM solutions available to meet specific transit requirements



FEATURE	DESCRIPTION
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Versatile Applications & OEM/ODM Customization	Suitable for airports, subway networks, bus fleets, and railway hubs, with detailed OEM/ODM customization options available to meet specific transit requirements.

Place of Worship

TX-SOL-POW-DS

- **Professional Video Streaming** – Utilizes high-quality cameras and streaming tools to enable Houses of Worship to broadcast services and connect with congregations beyond physical walls.
- **Engaging In-Venue Production** – Creates dynamic in-venue performances with revolutionary cameras and software applications to keep attendees engaged and deliver a higher level of production quality.
- **Expand Reach to Younger Audiences** – Enables digital engagement that attracts younger generations who are more likely to interact with online content, helping grow the community.
- **Post-COVID Connection Standard** – Establishes video communication as the new standard for maintaining human connections, a capability that has become essential in the modern world.
- **Community Building Tools** – Provides comprehensive video solutions designed specifically to build a thriving community of believers and expand reach beyond physical walls.



Place of Worship Solution

TX-SOL-POW-DS | Connect. Inspire. Grow.



Professional Video Streaming

High-quality cameras and streaming tools enable Houses of Worship to broadcast services and connect with congregations beyond physical walls[reference:1]



Post-COVID Connection Standard

Video communication has become the new standard for maintaining human connections, a capability that has proven essential in the modern world[reference:2]



Engaging In-Venue Production

Revolutionary cameras and software applications create dynamic in-venue performances that keep attendees engaged and drive higher production quality[reference:3]



Expand Reach to Younger Audiences

Digital engagement attracts younger generations who are more likely to interact with online content, helping grow the faith community[reference:4]



Community Building Tools

Comprehensive video solutions designed specifically to build a thriving community of believers and expand reach beyond physical walls[reference:5]



Flexible & Scalable Solutions

Comprehensive video solutions designed to meet the unique needs of any House of Worship, from small chapels to large megachurches

FEATURE	DESCRIPTION
Professional Video Streaming	Utilizes high-quality cameras and streaming tools to enable Houses of Worship to broadcast services and connect with congregations beyond physical walls.
Engaging In-Venue Production	Creates dynamic in-venue performances with revolutionary cameras and software applications to keep attendees engaged and deliver a higher level of production quality.
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Post-COVID Connection Standard	Establishes video communication as the new standard for maintaining human connections, a capability that has become essential in the modern world.
Community Building Tools	Provides comprehensive video solutions designed specifically to build a thriving community of believers and expand reach beyond physical walls.
Flexible & Scalable Solutions	Offers scalable video solutions suitable for Houses of Worship of all sizes, from small chapels to large megachurches, ensuring every community can connect and grow.

Live Stream

TX-SOL-LS

- **Professional-Grade Video Quality** – Delivers clear, beautiful video with high color reproduction, supporting various resolutions to meet the demands of live streaming, including e-commerce and gaming broadcasts.
- **Advanced Audio Processing** – Equipped with sound card capabilities for multi-channel audio processing, ensuring the host's voice is captured clearly and mixed professionally for a polished broadcast.
- **High-Quality Lighting Integration** – Supports stroboscopic-free, non-exposure, and non-glare lighting with a high RE index (above 90) to enhance the anchor's appearance and improve the overall atmosphere of the production environment.
- **Versatile Application Support** – Designed to accommodate different live streaming scenarios including live selling, gaming, and general broadcasting, with flexible requirements for lighting, video, and audio to suit each use case.
- **Live Engagement & Energy** – Taps into the inherent excitement and shared experience of live events, enabling broadcasters to share their passion with the world and connect with audiences in real-time through the power of live video delivery.





The image shows a Telunix TX-SOL-LS camera setup for live streaming. The camera is a professional-grade video camera with a large lens and a 4K UHD label. It is connected to a monitor displaying a live broadcast of a man playing an acoustic guitar. The setup includes studio lighting, a 4K UHD monitor, and a control panel. The background is a studio setting with two large studio lights on stands.

Professional Video

- 4K UHD
- High Color Reproduction

Advanced Audio

- Multi-Channel Mixing
- Crystal Clear Voice

Studio Lighting

- No Stroboscopic
- RE Index >90

Live Engagement

- Share Your Passion
- Connect with the World

Telunix

Live Stream Solution — Share Your Passion with the World.

TELUNIX · STREAMING SERIES

Live Stream Solution

TX-SOL-LS | Share Your Passion with the World



Professional-Grade Video Quality

High clarity, beauty, and color reproduction with high resolution and low frame rate requirements — delivers clear and beautiful video for any live streaming scenario



High-Quality Lighting Integration

Stroboscopic-free, non-exposure, and non-glare lighting with high RE index (above 90) — improves anchor appearance and overall atmosphere



Advanced Audio Processing

Sound card capabilities for processing host voice and multi-channel audio — ensures crystal-clear voice capture for a polished broadcast



Versatile Application Support

Optimized for various scenarios including live selling, gaming, and general broadcasting — with flexible requirements for lighting, video, and audio



Live Engagement & Energy

Taps into the inherent excitement and shared experience of live events — enables broadcasters to share their passion and connect with audiences in real-time



Seamless Internet Delivery

Live delivery (and often simultaneous recording) of video via the Internet — a common and essential way to consume and share video content globally

FEATURE	DESCRIPTION
Professional-Grade Video Quality	Delivers clear, beautiful video with high color reproduction, supporting various resolutions to meet the demands of live streaming, including e-commerce and gaming broadcasts.
Advanced Audio Processing	Equipped with sound card capabilities for multi-channel audio processing, ensuring the host's voice is captured clearly and mixed professionally for a polished broadcast.
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