One-stop LED Display Solution Supplier.

INSPIRE YOUR LIFE

› About Us

Since founded, Shenzhen **Dotsvision** Technology Co., Ltd. is keeping providing the One-stop LED display solutions all over the world, the products covers the Stage LED Display for event use, Outdoor LED Advertising Billboard, Indoor Commercial LED Screen, Commanding Center LED wall etc.

With the Motto of "A journey of thousands of miles may not be achieved through accumulation of each single step, just as the enormous ocean may not be formed gathering every brook or stream. "Dotsvision products has been exported more than 120 countries, and has accumulated more than 3,000 Project Cases, including the projects for Stage Rental, Outdoor Advertising, Shopping Malls, and Government Bureaus etc.

Besides the talented R&D team averaged above 10 years experience in the industry, the company conducts the ISO9001:2000 system, the LED display products manufactured are in conformity with the certification of UL, CE, RoHS, ETL, FCC standard. Daily 7S management standards, IQC, IPQC, FQC, QA in each step of quality control ensure the high quality of the products.
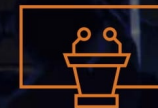
Dotsvision Will be your trustworthy partner here in China.

Company Culture

Mission: LED technology embellishes a better life;

Vision: On the basis of creating value for customers, to realize the financial freedom of employees;

Values: Integrity, Focus, Equality, Win-win.

Stage Rental

Shopping Malls

Government Bureaus

Outdoor Advertising

Raptor Series

Pixel: 1.9 / 2.6 / 2.9 / 3.9 / 4.8
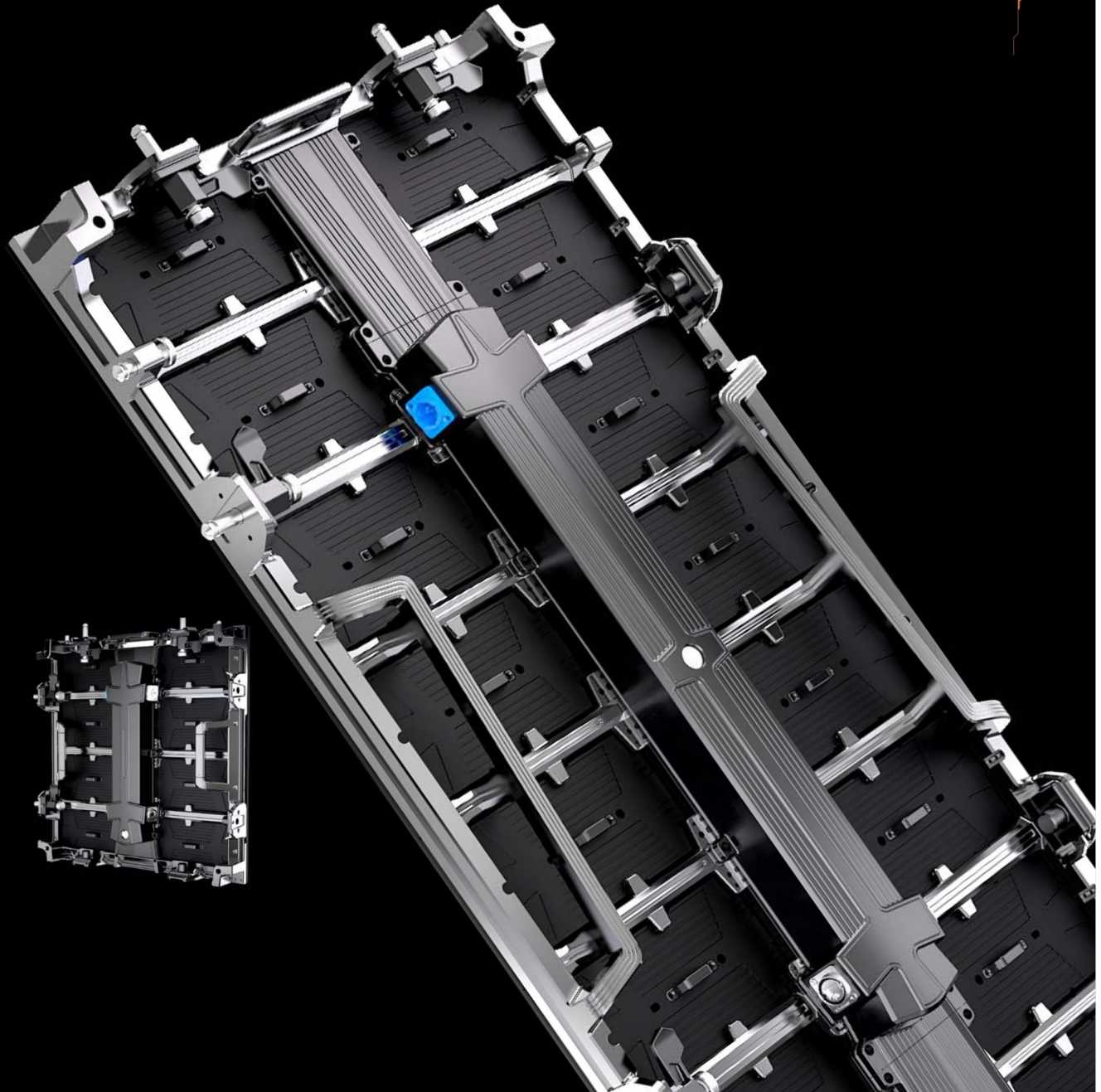
Specifications

Item	RT191	RT261	RT291	RT391	RT390	RT480
			Indoor		Outdoor	
Pixel Pitch	1.9mm	2.6mm	2.9mm	3.9mm	3.9mm	4.8mm
Pixel Density	262,144	147,456	112,896	65,536	65,536	43,264
LED Type		SMD1415		SMD2121		SMD1921
Module Resolution (pixel)	256 x 64	192 x 48	168 x 42	128 x 32		104 x 26
Module Size			500 x 125mm			
Cabinet Resolution (pixel)	256 x 256	192 x 192	168 x 168	128 x 128	128 x 128	104 x 104
Brightness		1100Nits			4500Nits	
Contrast Ratio			5000 : 1			
Viewing Angle			H: 160 V: 160			
Cabinet Size			500 x 500 x 65mm / 500 x 1000 x 65mm			
Cabinet Weight		6.6kgs / 9.7kgs			6.9kgs / 10.5kgs	
Refresh Rate			> 3840 / 7680 Hz			
Gray Scale			14-16Bit			
Working Voltage			110-240V, 50/60Hz			
Ave. Power Consumption			165-260W/m²			
Max. Power Consumption			500W/m²			
IP Rate		IP30			IP54	
Singal Output			HDMI / VGA / DVI / DP			

Application Scenarios

Super Good Flatness, 0 Gap

- 500 x 125mm module size, no cross
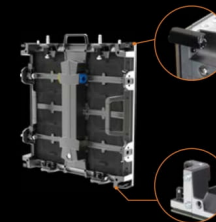- Embedded module design
- Unique mask design

Anti-damage System

Longer lifetime Big welding plate design, Anti-damage protector design.

Dancing Floor Function Supported

By covering acrylic on top of the LED tiles, to realize the simple dancing floor application.

Flexible Setup Supported

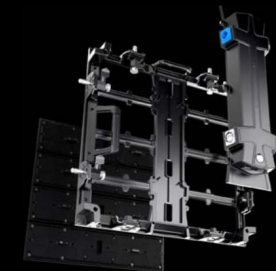Accurate Curve and Cube Design, with innovative curve lock at 0, ±5°, ±10°.

Ultrahigh Refresh Rate

Real image performance 7680Hz Advanced PCB design.

After   Before
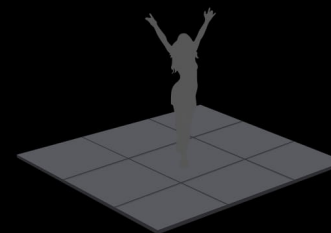
Quick Swappable Power Box, Modular Design

LED module, Casing and Power Box is indepent unit, simple and quick maintenance supported.

Wing Series

Pixel: 1.25 / 1.53 / 1.86 / 3.9 / 2.50

- Carbon Fiber
- Quick Maintenance
- Higher Transparency Rate
- Good Flatness
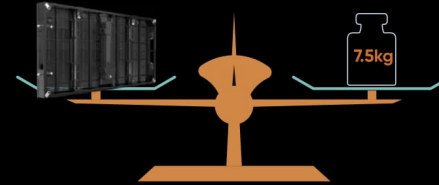- High Refresh Rate and Grey Scale
- Integrated Design

Specifications

Item	P3.9 * 7.8	P3.9
Pixel Pitch	3.9/7.8mm	3.91mm
Pixel Density (dot/m²)	32,768	65,536
LED Type	SMD1921 white	
Module Resolution (pixel)	128 x 32	128 x 64
Module Size	500 x 250mm	
Cabinet Resolution (pixel)	256 x 64	256 x 128
Brightness	4000-4500Nits	
Contrast Ratio	5000 : 1	
Viewing Angle	H: 160 V: 140	
Cabinet Size	1000 x 500 x 75mm	
Cabinet Weight	≈7.5kgs	≈9kgs
Refresh Rate	7680 Hz	
Gray Scale	14-16Bit x RGB	
Working Voltage	100-240V / 180-240V	
Max. Power Consumption	350W/m²	
IP Rate	IP65	
Frame Frequency	60Hz / 50Hz	
Brightness Adjustment	100 classes adjustment	

Light, Thin & Durable

Carbon Fiber material cabinet Design, which is more light at 7.5kgs only. Besides, the Carbon Fiber cabinet has good toughtness, durability with high and low temperature, more convient for stage rental use.


Higher Transparency Rate

The transparency rate up to 40%, Lower wind resistance, to realize the perfect combination of stage and art.

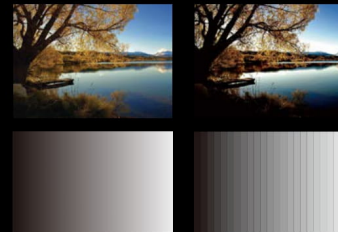### High Refresh Rate and Grey Scale

The photos without flicker and more vivid color.

Quick Maintenance

Tool-free module replacement for fast maintenance. Front or back maintenance is supported.

Good Flatness

The large LED module makes the panel seamlessly, and the LED modules are interchangeable with same cabinet.
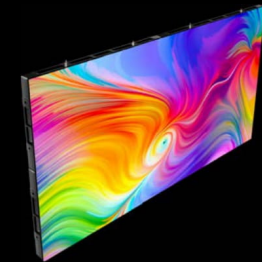
Integrated Design

Integrated power box makes the replacement and maintenance easy and efficient.

Application Scenarios

Transformer Series

Pixel: 2..61 / 2.97 / 3.91

- **Good Flatness**
- **Anti-damage System**
- **Flexible Design**
- **Fast Installation**
- **Modular Design**
- **Ultrahigh Refresh Rate**

Specifications

| Item	P2.6	P2.9	P3.9
Pixel Pitch	2..61mm	2.97mm	3.91mm
Pixel Density (dot/m²)	147,456	112,896	65,536
LED Type	SMD1515	SMD1515	SMD2020
Module Resolution (pixel)	192 x 48	168 x 42	128 x 32
Module Size	500 x 125mm		
Cabinet Resolution (pixel)	192 x 192	168 x 168	128 x 128
Brightness	800-1000Nits		
Contrast Ratio	5000 : 1		
Viewing Angle	H: 160 V: 160		
Cabinet Size	500 x 500 x 65mm		
Cabinet Weight	6.6kgs		
Refresh Rate	7680 Hz		
Gray Scale	14-16Bit		
Working Voltage	100-240V		
Max. Power Consumption	120-260W/m²		
IP Rate	IP30		
Frame Frequency	60Hz / 50Hz		
Brightness Adjustment	100 classes adjustment		

Application Scenarios

Flexible Display, Creative Solution

Dynamic creativity and ultra flexibility, which makes the stage much more attractive.
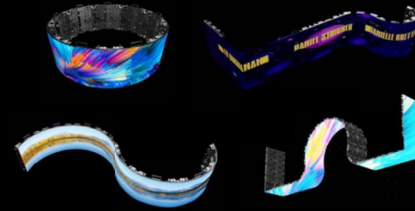
Good Flatness

The panel is seamless, and the modules are interchangeable.
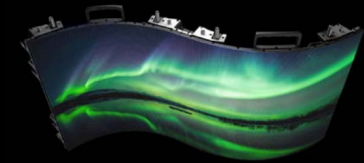
Anti-damage System

The PCB with Big welding plate and the corner wth anti-dammage protector design.

Ultrahigh Refresh Rate

Real image performance 7680Hz high refresh rate.

After   Before

Module Interlocking Design

Ensures effective alignment and flatness to present the smooth surface when modules are stacked Vertically.

Patented Flexible Module Design

LED module, Casing and Power Box is indepnt unit, simple and quick maintenance supported.

iWind
Series

High Refresh Rate Transparent LED Wall

Specifications

Item	W390	W520	W104	W156
Pixel Pitch	H:3.9 V:7.8	H:5.2 V:10.4	H:10.4 V:10.4	H:15.6 V:15.6
Transparency Rate	53%	58%	58%	80%
Resolution	32,768	18,432	9,216	4,096
Cabinet Resolution	256 x 64	192 x 48	96 x 48	64 x 32
LED Type	SMD1921	SMD1921	SMD2727	SMD2727
Brightness	≥ 4500Nits			≥ 5500Nits
Pixel Compose	SMD			
Lamp Life Span	≥ 100,000 Hours			
Cabinet Size	1000 x 500 x 80mm			
Cabinet Weight	15kgs/m²			
Refresh Rate	3840Hz			
Gray Scale	14-16Bit			
LED Control System	Novastar / Colorlight			
Working Voltage	100-240V, 50/60Hz			
Ave. Power Consumption	230W/m²			
Max. Power Consumption	800W/m²			
IP Rate	IP65 / IP54			
Connection & Control	WiFi / DVI / HDMI / DP / USB/RJ45 / Remote Internet Control			
Singal Output	HDMI / VGA / DVI / DP			

Application Scenarios

High Refresh Rate and Grey Scale

The photos without flickerand more vivid color.

Die Casting Design

Light Weight, Thin, and Firm enough for hanging and stacking instalaltion.

Outdoor IP65 Waterproof Grade

Outdoor Application with IP65 grade, anti-dust and water.

Curve and Straight Setup Supported

can reach ±15degee and small diameter circle shape.

Power and Signal Connector

The design of the Power and Signal connector is easier to plug-in and dismantle.

The whole series LED modules can be replaced from both front & back side.
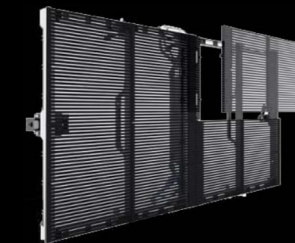
Nobel
Series

Pixel: 0.93 / 1.25 / 1.56 / 1.87

Specifications

Item	N250	N300	N400	N500	N600	N800	N100
Pixel Pitch	2.5mm	3.33mm	4.0mm	5.0mm	6.67mm	8mm	10mm
Pixel Density	160,000	90,000	62,500	40,000	22,477	15,625	10,000
LED Type	SMD1415		SMD1921		SMD2727	SMD2727	SMD3535
Module Resolution (pixel)	128 x 64	96 x 48	80 x 40	64 x 32	48 x 24	40 x 20	32 x 16
Module Size	320 x 160mm						
Cabinet Resolution (pixel)	384 x 384	288 x 288	240 x 240	192 x 192	160 x 160	120 x 120	96 x 96
Brightness	4500-10000Nits						
Contrast Ratio	5000 : 1						
Viewing Angle	H: 160 V: 160						
Cabinet Size	960 x 960 x 120mm						
Cabinet Weight	50kgs						
Refresh Rate	3840Hz						
Gray Scale	14-16Bit						
Working Voltage	110-240V, 50/60Hz						
Ave. Power Consumption	165-260W/m²						
Max. Power Consumption	500W/m²						
IP Rate	IP65 / IP54						
Singal Output	HDMI / VGA / DVI / DP						

Application Scenarios

High Refresh Rate and Grey Scale

Pictures without flicker and much more clear.

Energy Saving

The common Cathode LED modules which power by 2.8V and 3.8V power seperately, could save around 40% electricity comparing to the tranditional LED wall.


Naked Eye 3D Display

Besides flat LED billboard, curve LED wall, and 90 degree setup, the 80mm x 160mm LED module can make the smaller curve panels for the naked eye 3D LED wall use.

Front Maintenance Supported

Back and Front Maintenance cabinet to meet different scenarios.

IP65 Waterproof Grade

With waterproof casing and outdoor LED modules, the product withstand the rainy weather to work continuously.
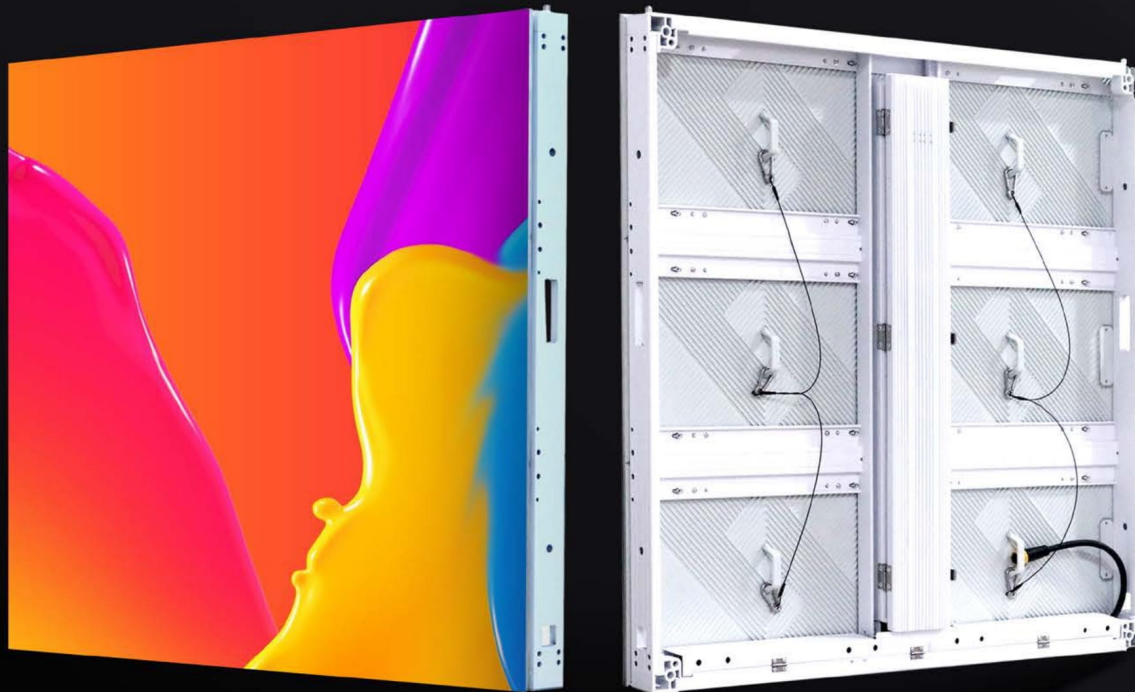

Ultra-wide Viewing Angle

With 160°-160° ultra-wide viewing angle, the screen can be seen from various directions.
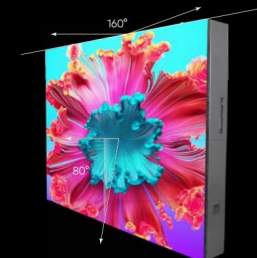
Mars
Series

Pixel: 4.44 / 5.7 / 6.66 / 8 / 10

Ultra-high Brightness

Hub-pin connection

Al. die casting LED module

3D naked-eye LED
wall supported

IP65 waterproof grade

EMC Class B supported

Specifications

Item	P4.44	P5.7	P6.66	P8	P10
Pixel Pitch	4.44mm	5.7mm	6.66mm	8mm	10mm
Pixel Density (dot/m²)	50,635	30,625	22,500	15,625	10,000
LED Type	SMD1921		SMD2727		
Module Resolution (pixel)	108 x 72	84 x 56	72 x 48	60 x 40	48 x 32
Module Size			480 x 320mm		
Cabinet Resolution (pixel)	216 x 216	168 x 168	144 x 144	120 x 120	96 x 96
Brightness			6500 / 10000+ Nits		
Drive Mode	1/9S	1/7S	1/6S	1/4S	1/2S
Contrast Ratio			5000 : 1		
Viewing Angle			H: 160 V: 160		
Cabinet Size			960 x 960 x 95mm		
Cabinet Weight			27kgs		
Refresh Rate			≥3840Hz		
Gray Scale			14Bit		
Working Voltage			AC 100~240, 50/60Hz		
Ave. Power Consumption			190W/m²		
Max. Power Consumption			650W/m²		
IP Rate			IP65		
Brightness Adjustment			100 classes adjustment		

Application Scenarios

Ultra-high Brightness Design above 10,000Nits

More than 10,000Nits brightness to ensure the vivid picture even in equatorial area,and keep enough brightness for outdoor use.


10,000Nits

IP65 waterproof grade

Both front and back with IP65 waterproof grade, support naked instalaltion without any cladding.


IP65

Different shape LED cabinet, 3D naked eye LED wall supported

Besides normal straight setup, the LED cabinet support 90degree, curve installation also. The 40 x 320mm small LED module makes the curve more smooth,brings the perfect 3D naked eye Performance
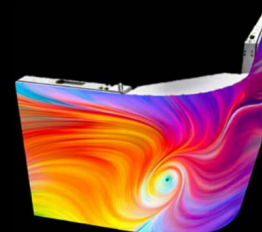
Energy Saving

The RGB LED powered by different voltage,and optimized PCB circuit design, saving the energy up to 40% than that of traditional LED cabinet.
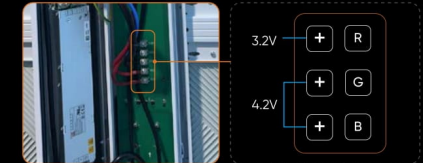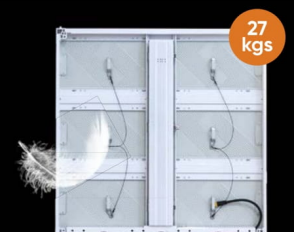

Hub-pin Design Aluminium Die casting LED module

The Al. Die casting LED modules and cabinet support both front or back maintenance, with the good heat dissipation, the Hub-pin design ensure the signal durability.
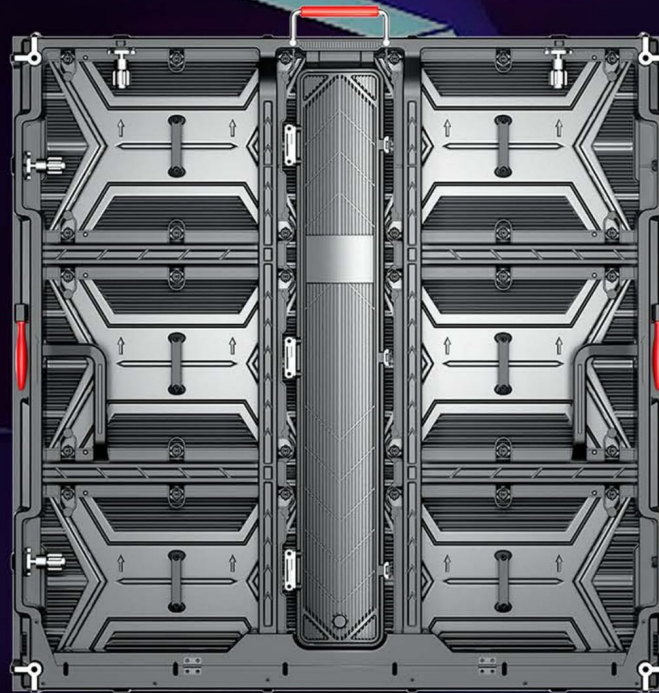

Slim and light design LED cabinet

The LED cabinet thickness less than 100mm(95mm), within 30kgs, EMC class B standard supported.


27 kgs

Aerolite Series

Pixel: 4 / 6.67 / 8 / 10

Specifications

| Item	A400	A600	A800	A100
Pixel Pitch	4mm	6.67mm	8mm	10mm
Pixel Density	62,500	22,477	15,625	10,000
LED Type	SMD1921	SMD2727	SMD3535	SMD3535
Module Resolution (pixel)	120 x 80mm	72 x 48mm	60 x 40mm	48 x 32mm
Module Size	480 x 320mm			
Cabinet Resolution (pixel)	240 x 240mm	144 x 144mm	120 x 120mm	96 x 96mm
Brightness (cd/m²)	5000-6000	5000-6500	6000-8000	6500-10000
Contrast Ratio	5000 : 1			
Viewing Angle	H: 160 V: 160			
Cabinet Size	960 x 960 x 70mm			
Cabinet Weight	27kgs			
Refresh Rate	3840Hz			
Gray Scale	14-16Bit			
Working Voltage	110-240V, 50/60Hz			
Ave. Power Consumption	180-230W/m²			
Max. Power Consumption	750W/m²			
IP Rate	IP65 / IP54			
Singal Output	HDMI / VGA / DVI / DP			
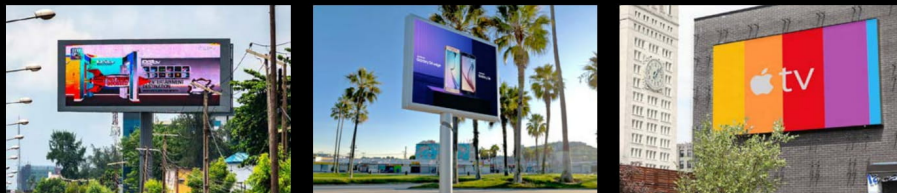
High Refresh Rate and Grey Scale

Higher Refresh Rate without flickers,present the best advertising effect to the audience.
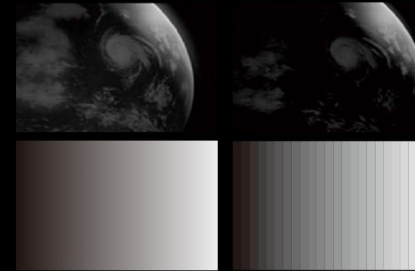
Slim Aluminiun Die Casting Cabinet With Fast Locks

With better heat dissipation, only 70mm thickness slim light weight cabinet. The four side of cabinet with fast locks, which makes the installation fast and also make sure the LED wall is seamless.
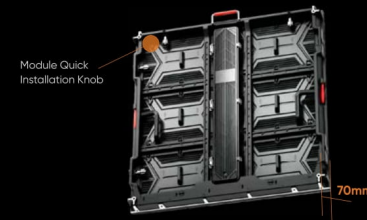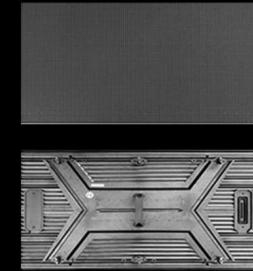

Module Quick Installation Knob

70mm

IP65 Waterproof Grade

With waterproof casing and outdoor LED modules, the product withstand the rainy whether, and work continuously.
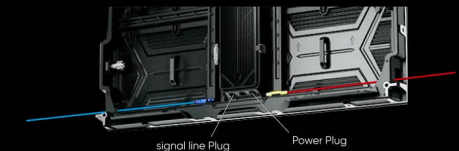

Hub-pin Design LED Module

With the pin connection, the modules will be much stable than that of the ribbon cable solution.
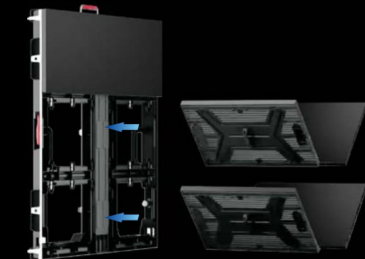

Hide Cables Design

The power and signal cables is hiden in the chamber which makes it looks tidy and safe.
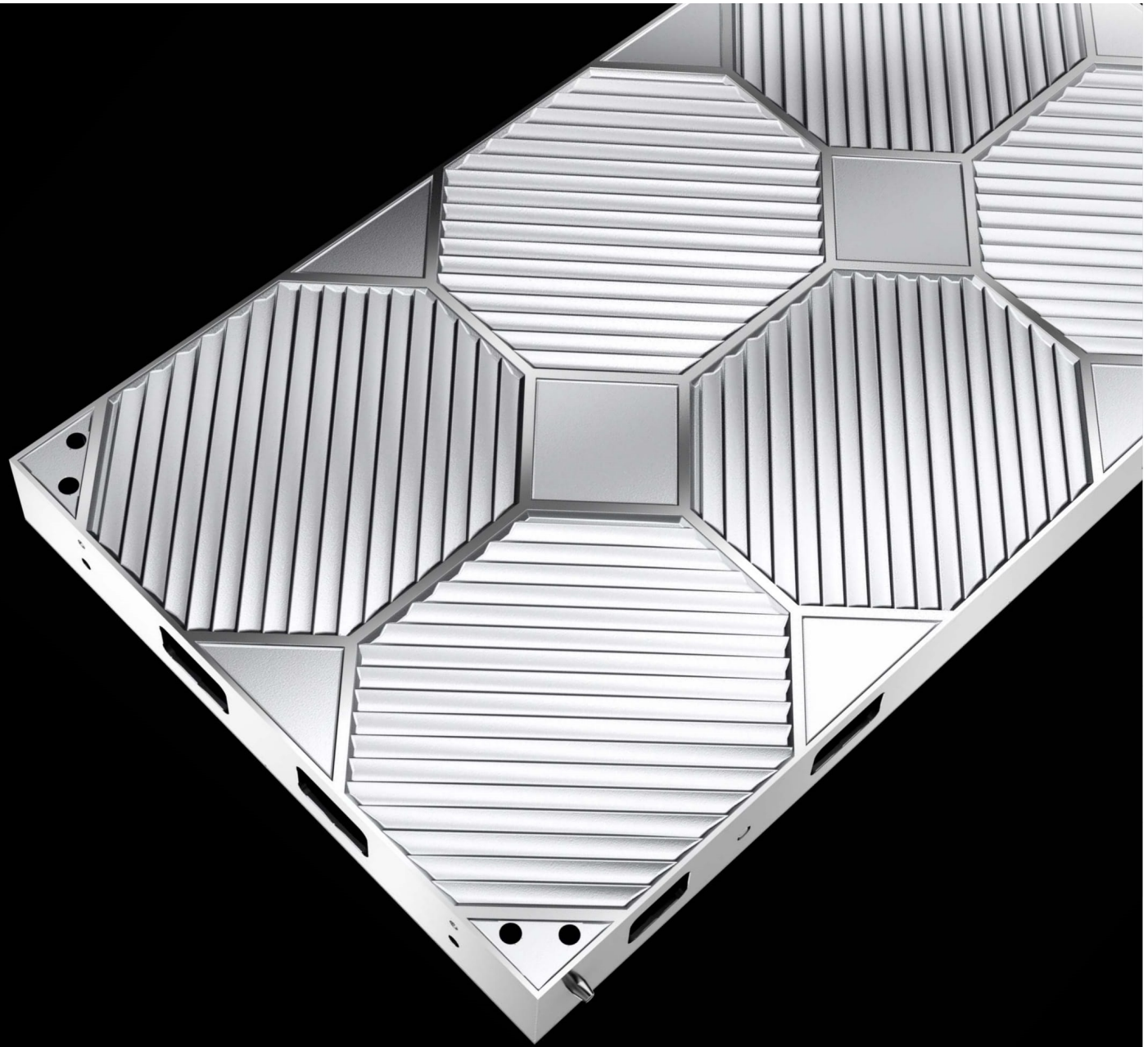

signal line Plug   Power Plug

Front Maintenance Supported

Both Back and Front Maintenance with power supply and receiving card to meet different scenarios

Application Scenarios

Talk
Series

Pixel: 0.93 / 1.25 / 1.56 / 1.87

Specifications

| Item	T093	T125	T156	T187
Pixel Pitch	0.93mm	1.25mm	1.56mm	1.87mm
Pixel Density	1,137,778	640,000	409,600	285,204
LED Type	Mini LED	SMD1010	SMD1212	SMD1515
Module Resolution (pixel)	320 x 180	240 x 135	192 x 108	160 x 90
Module Size	300 x 168.75mm			
Cabinet Resolution (pixel)	640 x 360	480 x 270	384 x 216	320 x 180
Brightness	500-800Nits			
Contrast Ratio	5000 : 1			
Viewing Angle	H: 160° V: 160°			
Cabinet Size	600 x 337.5 x 48mm			
Cabinet Weight	6.5kgs			
Refresh Rate	3840Hz			
Gray Scale	14-16Bit			
Working Voltage	110-240V, 50/60Hz			
Ave. Power Consumption	165-260W/m²			
Max. Power Consumption	500W/m²			
IP Rate	IP43 / IP31			
Singal Output	HDMI / VGA / DVI / DP			

Auto Color Calibration

Build-in flash memory IC, to ensure the color uniformity after replacing any of the LED modules.

Front Maintenance Design

Fully front maintenance with the power supply and receiving card, makes it could be close to wall installation, slim within 10cm.
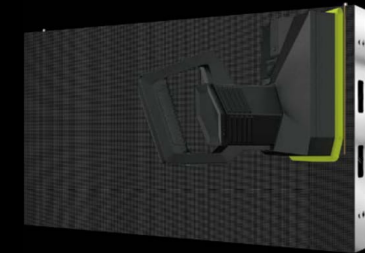
Perfect Ratio of 16:9

Cabinet size at 600x337.5mm, which is 16:9 ratio, to form the 2K,4K,8K resolution accurately.

HDR Function

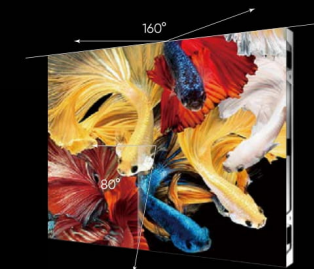The HDR function bring the perfect performance with dynamic videos.

Dual-backup Design

Dual-backup design of the power and signal, making the fine pixel products more steady and reliable.
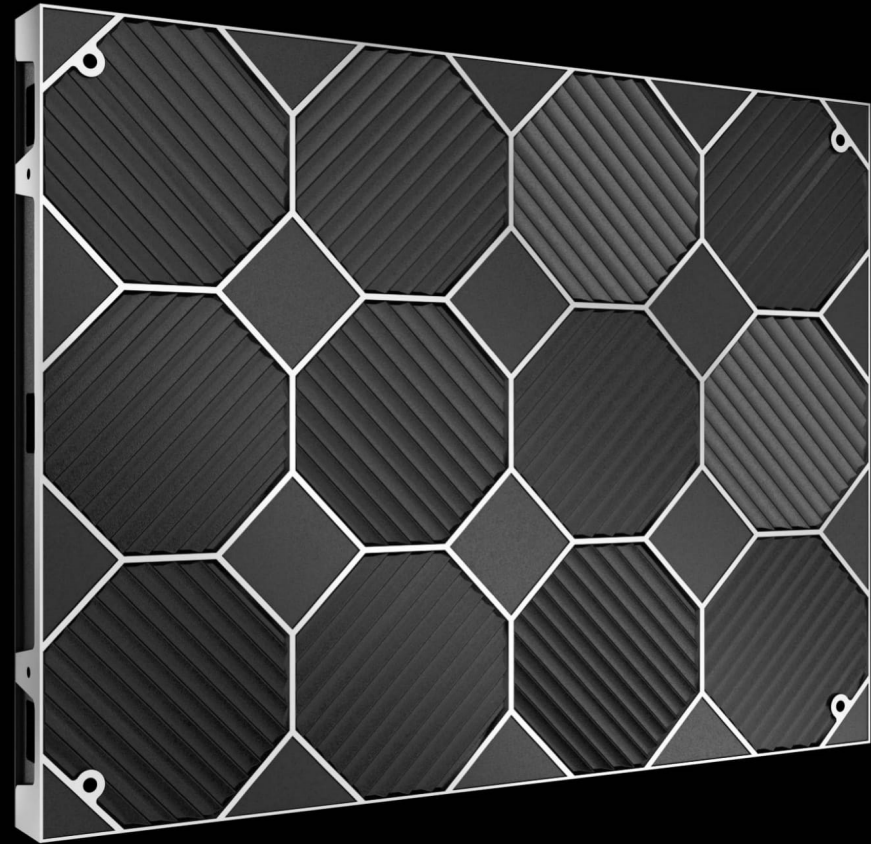
Large Viewing Angle

The viewing angle can reach 160 degree horizentally without distortion.

Application Scenarios

Kosmo
Series

Pixel: 1.25 / 1.53 / 1.86 / 3.9 / 2.50

Specifications

Item	K125	K153	K186	K250
Pixel Pitch	1.25mm	1.53mm	1.86mm	2.50mm
Pixel Density	640,000	422,626	289,000	160,000
LED Type	SMD1010	SMD1212	SMD1515	SMD2020
Module Resolution (pixel)	256 x 128	208 x 104	172 x 86	128 x 64
Module Size	320 x 160mm			
Cabinet Resolution (pixel)	512 x 384	416 x 312	344 x 258	256 x 192
Brightness	600-800Nits			
Contrast Ratio	5000 : 1			
Viewing Angle	H: 160 V: 160			
Cabinet Size	640 x 480 x 48mm			
Cabinet Weight	7.2kgs			
Refresh Rate	3840Hz			
Gray Scale	14-16Bit			
Working Voltage	110-240V, 50/60Hz			
Ave. Power Consumption	165-260W/m²			
Max. Power Consumption	500W/m²			
IP Rate	IP43 / IP31			
Singal Output	HDMI / VGA / DVI / DP			

High Grey Level
High Refresh Rate Perfect Display

Low brightness with high grey level and high refresh rate, stable dynamic display effect, no ripple, no flicker, the edge of the imagine is clear, and the visual experience is more comfortable.

High Contrast Ratio

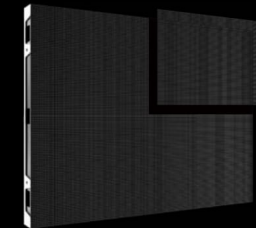Which make the picture much more vivid and attractive.

HDR Function

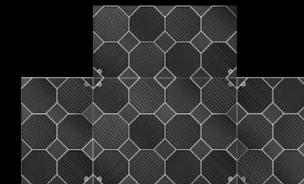The HDR function bring the perfect performance with dynamic videos.

Front Maintenance Design

Fully front maintenance with the power supply and receiving card, makes it could be close to wall installation, slim within 10cm.
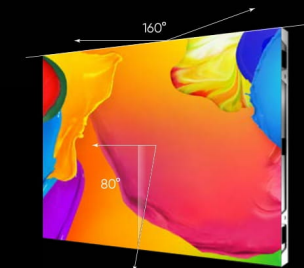

Different Size Cabinet

Various cabinet size for option, meet different screen size requirement.

Ultra-wide Viewing Angle

With 160°-160° ultra-wide viewing angle, the screen can be seen from various positions.
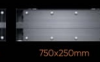

Application Scenarios

Kpro Series

Pixel: 1.95 / 2.6 / 2.97 / 3.91

More Size, More Possibilities

| 500x250mm | 750x250mm | 1000x250mm | 500x500mm | 1000x500mm |
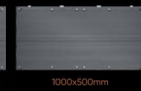
Specifications

Item	Kpro191		Kpro261		Kpro291		Kpro391	
Pixel Pitch	1.95mm		2.60mm		2.97mm		3.91mm	
Pixel Density	262,144		147,456		112,896		65,536	
LED Type	SMD1515		SMD1515		SMD2020		SMD2020	
Module Resolution (pixel)	128 x 128mm		96 x 96mm		84 x 84mm		64 x 64mm	
Module Size	250 x 250mm							
Cabinet Resolution (pixel)	256 x 256	256 x 512	192 x 192	192 x 384	168 x 168	168 x 336	128 x 128	128 x 256
Brightness	600-1000cd/m²							
Contrast Ratio	5000 : 1							
Viewing Angle	H: 160 V: 160							
Cabinet Size	500 x 500 x 45mm / 500 x 1000 x 45mm							
Cabinet Weight	6.5kgs / 10.5kgs							
Refresh Rate	3840Hz							
Gray Scale	14-16Bit							
Working Voltage	110-240V, 50/60Hz							
Ave. Power Consumption	165-230W/m²							
Max. Power Consumption	650W/m²							
IP Rate	IP43 / IP31							
Singal Output	HDMI / VGA / DVI / DP							

Application Scenarios

High Grey Level
High Refresh Rate Perfect Display

Low brightness with high grey level and high refresh rate, stable dynamic display effect, no ripple, no flicker, the edge of the imagine is clear, and the visual experience is more comfortable.

Perfect Thin & Light 16:9
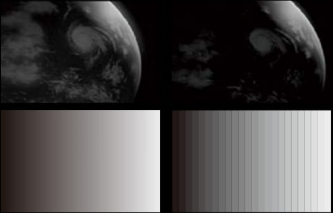
Ultra sleek & lightweight panels blend with the wall perfectly and improve installation efficiency.

Easy Service and Maintenance

Hidden internal cable routing make it easy to maintain and keep neat at the some time.

Different Size Cabinet Design

Various cabinet size for option, meet different screen size requirement.

Right Angle Splicing

Support right angle seamless splicing, perfect visual effect.

Ultra-Wide Viewing Angle

With 160°-160° ultra-wide viewing angle, the screen can be seen from various positions.

Galaxy
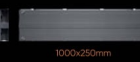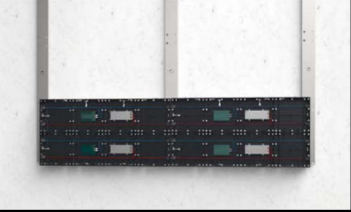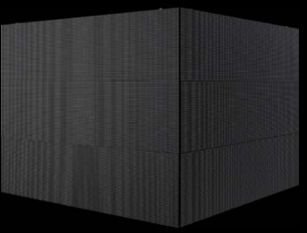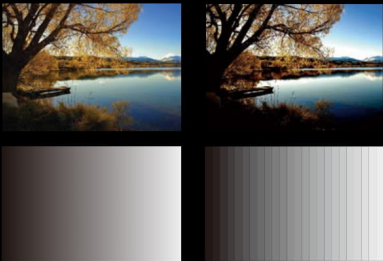# Series

Pixel: 1.95 / 2.6 / 2.9 / 3.9

Specifications

Item	GX195		GX261		GX291		GX391	
Pixel Pitch	1.95mm		2.6mm		2.9mm		3.9mm	
Pixel Density	262,144		147,456		112,896		65,536	
Module Resolution	128 x 128		96 x 96		84 x 84		64 x 64	
Cabinet Resolution (pixel)	256 x 256	256 x 512	192 x 192	192 x 384	168 x 168	168 x 336	128 x 128	128 x 256
Module Size	250 x 250mm							
LED Type	SMD1515		SMD2020					
Brightness	600-1000Nits							
Contrast Ratio	5000 : 1							
Viewing Angle	H: 160 V: 160							
Cabinet Size	500 x 500 x 47mm / 500 x 1000 x 47mm							
Cabinet Weight	6kgs / 9.5kgs							
Refresh Rate	3840Hz							
Gray Scale	14-16Bit							
Working Voltage	110-240V, 50/60Hz							
Ave. Power Consumption	165-260W/m²							
Max. Power Consumption	500W/m²							
IP Rate	IP43 / IP31							
Singal Output	HDMI / VGA / DVI / DP							

High Refresh Rate and Grey Scale

Pictures without flicker and much more clear.

High Contrast Ratio

High resolution HD LED Screen, Good Color Effect, Easy to Assemble to 2K, 4K, 8K.

Close to Wall Installation

The magnetic LED module,receiving card and power supply could be front maintained ultimately, which makes the LED wall could be cloes to wall instalLED.

Multiple Size Application

Cabinet size with 500x500mm, 500x1000mm, 500x250mm, 500x750mm, to meet different dimension requirement.
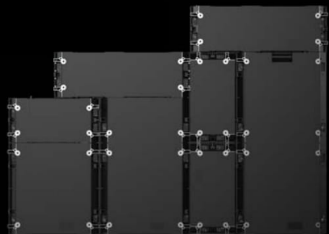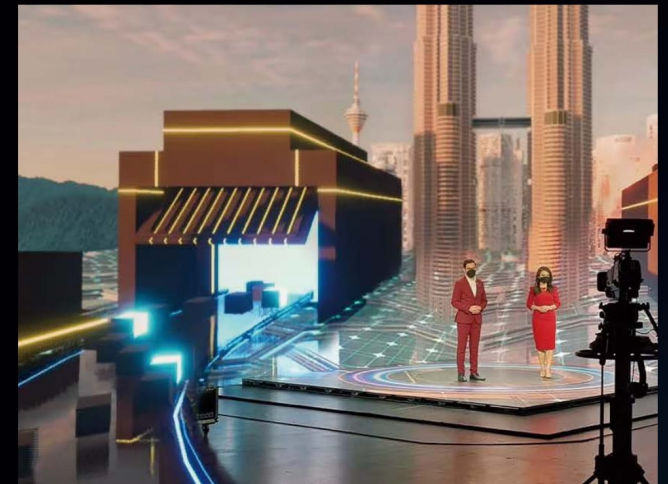
Hub Pin Connection With Front Maintenance

Hub pin connection with magnetic LED module, which support full front maintenance, could make the thickness of the LED wall and frames within 10cm.

90 Degree Installation Supported

The cabinet edge with 45degree cutting, to make the 90degree and cubic installation possible.

Application Scenarios

Stage Rental

Outdoor Advertising

Commercial LED Display

RED ARRAOW BUSINESS SOLUTIONS RIAYDH
R H IT SOLUTIONS CO W.L.L BAHRAIN
R H A IT & INFRASTRUCTURE SOLUTIONS L.L.C UAE
CONTACT +973-66300082 +966546106380
Email : red.hatitsol@outlook.com
Website : https://cognitionitbusinesssolutins.com/
Location : Saudia , Bahrain , Uae

Commanding Center