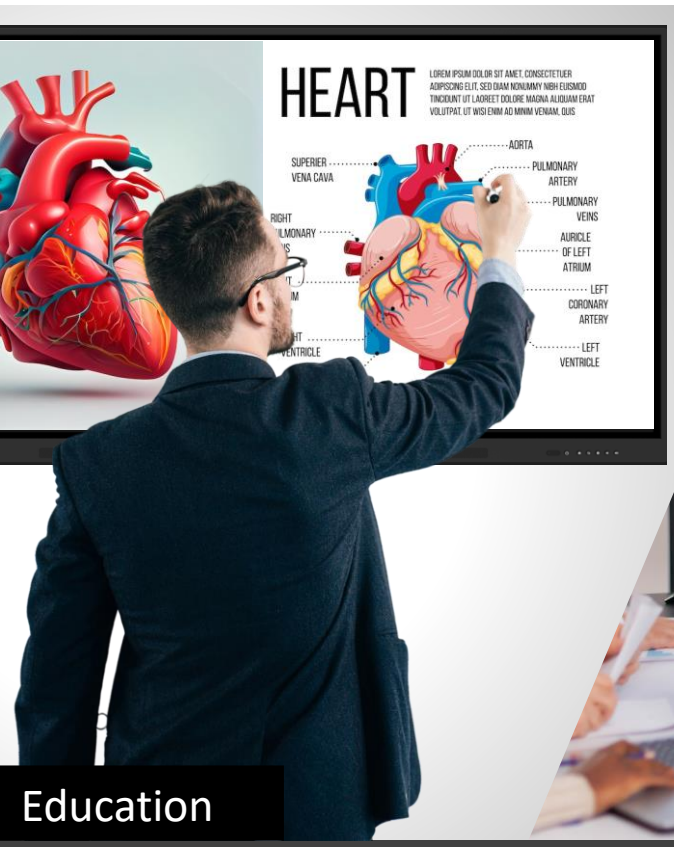
www.solitairetech.in

SOLITAIRE K-Series Interactive Flat Panel for Education & Business



Education

Business

A comprehensive offering to meet the needs of a wide range of applications

Key features of Solitaire K-Series Series:

2nd Generation ZERO BONDING TECHNOLOGY on Android 13 Platform
ensures feather smooth & real time writing experience

- 4K UHD (3840 × 2160) @ 60Hz
- 4mm Toughened Glass
- Advanced IR technology
- 40 touch points
- Brightness: upto 500 cd / m2
- Statis Contrast: upto 5000:1
- Response Time Continuity < 2 ms
- BYOD enabled Wireless Casting
- Upto 60,000 hrs panel life
- +/-1 mm touch accuracy
- Android 13.0
- 4GB/8GB RAM, 32GB/128GB ROM
- Quad-Core ARM Cortex-A55
- Mali-G52 MP2 (2EE)
- Powerful Speakers (40W)
- Content Sharing using QR Code
- Advanced Interactive Software
- Customised OPS options. loaded with Prointek Canvas IWB Software Suite
- FREE Wall Mount Kit, Floor Mount (Optional)

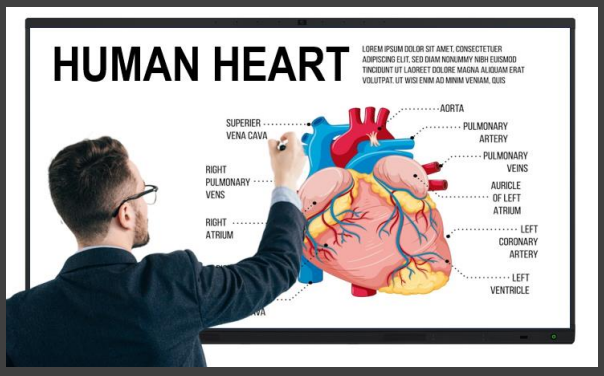
www.supertronindia.com
Solitaire.IFPD@supertronindia.com

A Complete Range of Interactive Displays

SOLITAIRE Interactive Flat Panel aids teaching and learning. We provide reliable, high quality yet affordable Interactive Flat Panel Display (IFPD) systems with precise interactive experience, which are ideal for use in classrooms, training rooms, learning centres, and meeting rooms. We offer interactive tools to help teachers engage and inspire their students/learners.

Super Accurate Touch Experience:

SOLITAIRE Interactive Flat Panels are powered by **Zero Bonding Technology,** supports up to 20 or 40 simultaneous multi-touch points. At every channel, you can write, annotate, and take screenshots. creating a precise and fluid writing experience. It also supports Multi-touch gesture control, annotation with multiple pens and colors, gestures to erase, zoom in/out, drag and many more



Engage Students Like Never Before :

When students learn or are taught using SOLITAIRE IFPD, our products ensure that the amount of attention, curiosity, enthusiasm, optimism, and passion they show extends to their motivation to learn and succeed in their education. Simple Design, 4K Resolution, Intuitive Interactive software , Full K12 content support (Optional), Teachers can improve learning outcomes using responsive touch, rich yet simple to use interactive software.

Multiply your meeting room productivity

Start Meetings Instantly - More Engaging Presentations - Efficient Information Flow - Increased Collaboration In Meetings - Connect Your Personal Devices - An incredible combination of Touchscreen interactivity and Visual Collaboration.

Stunning Display Quality

SOLITAIRE Interactive panels produces Amazing Visual experience with bright, sharp image & video quality with Ultra HD 4K display resolution & super high contract. Crystal clear display, incredible details, and beautiful pictures combine to provide a true visual feast.

Connecting Mobile Devices

SOLITAIRE Interactive Flat Panel software develops a Wi-Fi-based system for enabling mobile terminal and IFP interaction. You can use the system to link the IFP to a mobile terminal, take a photo and exhibit it on the IFP, control the IFP from the mobile terminal, post comments, present courseware, and send files.

Powerful And Crisp Sound

SOLITAIRE Interactive Panel uses a unique cavity acoustic structure, the sound is powerful (upto 40W), rich, wide, and sensitive, allowing all participants to experience amazing clarity as well as loud audio output.

Proudly Manufactured in India

Getting Inspired by the aim of GOI, team SOLITAIRE have started manufacturing of SOLITAIRE Interactive panels in India (SKD/CKD production) with the goal of exporting them worldwide.

DIGITAL CANVAS is an advanced interactive whiteboard software suite for education and corporate training . This software supports whiteboard functions such as writing, erasing, annotating, drawing, and gesture support on IWB/IFP. Furthermore, the flat panel's interactive multimedia functions, such as subject-specific tools and multimedia playback, enable enhanced interactive teaching and demonstration experiences.

Full K12 Content
(optional)

SOLITAIRE Education series Interactive Flat Panels come bundled with Interactive, offline and easy to use K12 Digital Content for Smart Classrooms. The content is in sync with CBSE / ICSE / IB / State Board and supports India Regional Languages as well.

Optional Accessories:

Solitaire
Floor Mount Stand

Solitaire OPS Computer

Solitaire 4K PTZ Camera

Solitaire 4K
Video Bar

Solitaire 4K
Classroom Camera

Solitaire 4K
Web Camera

solitaire®

Specification: SOLITAIRE K-Series Interactive Flat Panel Displays

		SLTR 65i (Android 13)	SLTR 75i (Android 13)	SLTR 86i (Android 13)
Display	Size	65"	75"	86"
	Backlight Type	D-LED	D-LED	D-LED
	Resolution-Pixels	3840x2160(pixels)	3840x2160(pixels)	3840x2160(pixels)
	Brightness	350 / 400 / 450 / 500 cd/m²	350 / 400 / 450 / 500 cd/m²	350 / 400 / 450 / 500 cd/m²
	Contrast Ratio	5000:1	5000:1	5000:1
	Response Time	≤2ms	≤2ms	≤2ms
	Pixel Pitch(mm)	0.3720(H)x0.3720(V)	0.4296(H)x0.4296(V)	0.4935(H)x0.4935(V)
	Refreshing Frequency	60Hz	60Hz	60Hz
	Viewing Angle	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)
	Life Time	60,000 hrs (min.)	60,000 hrs (min.)	60,000 hrs (min.)
	View Area (mm)	1428.48(H)x803.52(V)	1649.664(H)x927.936(V)	1895.04(H)x1065.96(V)
Electrical	Architecture	Cortex-A55	Cortex-A55	Cortex-A55
	Core	Quad core	Quad core	Quad core
	GPU	Mali-G52 MP2 (2EE)	Mali-G52 MP2 (2EE)	Mali-G52 MP2 (2EE)
	RAM	4GB / 8GB	4GB / 8GB	4GB / 8GB
	ROM	32GB / 128GB	32GB / 128GB	32GB / 128GB
	OS	Android 13.0	Android 13.0	Android 13.0
	Power Requirements	AC 100V ~ 240 V, 50/60 Hz	AC 100V ~ 240 V, 50/60 Hz	AC 100V ~ 240 V, 50/60 Hz
	Standby Condition	<0.5W	<0.5W	<0.5W
	Audio Output Power	2x15W / 2x20W (Optional)	2x15W / 2x20W (Optional)	2x15W / 2x20W (Optional)
Interface	HDMI IN	2	2	2
	DP IN (Optional)	1	1	1
	HDMI OUT (Optional)	1	1	1
	USB2.0	1	1	1
	USB3.0	1	1	1
	Touch-USB	1 (HDMI-1)	1 (HDMI-1)	1 (HDMI-1)
	Touch-USB	1 (HDMI-2)	1 (HDMI-2)	1 (HDMI-2)
	Touch-USB(Optional)	1	1	1
	LAN	2	2	2
	MIC IN	1	1	1
	RS232 IN	1	1	1
	SPDIF OUT	1	1	1
	Audio OUT	1	1	1
Front Interface	Type-C	1	1	1
	USB	2	2	2
	Touch-USB	1	1	1
	HDMI IN	1	1	1
WIFI	Operating Frequency	2.4GHz/5GHz	2.4GHz/5GHz	2.4GHz/5GHz
	Wi-Fi Standard	802.11a/b/g/n/ac	802.11a/b/g/n/ac	802.11a/b/g/n/ac
	Bluetooth	2.1+EDR/4.2/5.1	2.1+EDR/4.2/5.1	2.1+EDR/4.2/5.1
Touch	Sensing Type	Advanced Infrared Touch Frame	Advanced Infrared Touch Frame	Advanced Infrared Touch Frame
	Surface Protection	4mm Toughened Glass	4mm Toughened Glass	4mm Toughened Glass
	Infrared Touch	40 Points	40 Points	40 Points
	Interpolation Resolution	32768 x32768	32768 x32768	32768 x32768
	Touch Accuracy	90% (±1mm)	90% (±1mm)	90% (±1mm)
	Response Time	≤2ms	≤2ms	≤2ms
	Theory Clicks	Unlimited	Unlimited	Unlimited
	Minimum Touch Object	≥2.0mm	≥2.0mm	≥2.0mm
	Connect Type	USB2.0 Full Speed	USB2.0 Full Speed	USB2.0 Full Speed
	Voltage	DC+5V±5%	DC+5V±5%	DC+5V±5%
	Windows 11/10/8/7,Android	Multiple Touch	Multiple Touch	Multiple Touch
Structure	Product Size(W x D x H)	1482.1mmx87.7mmx897.4mm	1716.5mmx86.9mmx1031.8mm	1961.8mmx87.7mmx1169.9mm
	Package Size(W x D x H)	1640mm×185mm×1010mm	1860mm×185mm×1125mm	2095mm×185mm×1265mm
	Housing Material	Aluminum/Metal plate	Aluminum/Metal plate	Aluminum/Metal plate
	Housing Color	Black	Black	Black
	VESA	4-M8 Screw Hole 600x400 mm	4-M8 Screw Hole 600x400 mm	4-M8 Screw Hole 600x400 mm
Accessories	Touch Pen	2	2	2
	Remote Control	1	1	1
	Power Cord	1	1	1
	USB A-B Cable	1	1	1
	HDMI Cable	1	1	1
	Wall Mount	1	1	1
Environment	Operating temperature	0 ~ + 40℃	0 ~ + 40℃	0 ~ + 40℃
	Storage temperature	-10℃ ~ +60℃	-10℃ ~ +60℃	-10℃ ~ +60℃
	Operating humidity	20% ~ 80% RH Non-Condensing	20% ~ 80% RH Non-Condensing	20% ~ 80% RH Non-Condensing
	Storage humidity	10% ~ 80% RH Non-Condensing	10% ~ 80% RH Non-Condensing	10% ~ 80% RH Non-Condensing
Interactive Software	On Android	Android 13.0 embedded system contains feature rich & advanced Interactive Whiteboard Software		
	On Windows	Feature-rich DIGITAL CANVAS IWB suite is available for interactive usage with OPS or External PC / Laptop		
OPS	OPS Computer (Optional)	Customised OPS with options of Core i3/ i5/ i7 CPU, customised SSD, HDD, RAM & OS available		
Certification	ISO 9001, ISO 14001, ISO 27001, ISO 45001, BIS, CE, FCC, RoHS, NABL Accredited Lab Test Report, eWaste Certificate & MII Certificate			

Disclaimer: *Due to product configuration and manufacturing process, actual body size/body weight may vary, please refer to the actual product. The product images in this specification are for illustrative purposes only, may be adjusted and revised in order to match the actual product performance and specifications. In the event that such changes and adjustments are necessary, no special notice will be given. The actual product effect (including but not limited to appearance, color and size) may vary slightly. Please refer to the actual product. In order to provide accurate specifications as far as possible, the text expressions and pictures in this specification may be adjusted and revised in real time. The product specification*

For Modern Meeting Rooms

For Digital Smart Classrooms

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Interactive Flat Panel Displays & Unified Communication Products