

TRANSFORMING WORKSPACES INSPIRING EDUCATION



Connect

Communicate

Collaborate



Supports
HDMI



Ultra HD
Resolution



Wireless
Connectivity



Video
Conferencing



USB - C
Port



White Board
with Stylus

STEP UP & LEAP AHEAD

Touch new heights of business success

Pixel Edge Interactive Smartboards are more than just a display. They are a powerful tool that can help your business achieve new heights.

In today's fast-paced business world, effective communication and collaboration are essential for success.

The Pixel Edge Interactive Smartboards provide a powerful platform that empowers teams to *connect, collaborate, and communicate effortlessly.*



Wireless Casting



Built-in Controller



Video Conferencing



CONNECT WITH EASE



Connect and Share

K-Share Projection Software- Is a fully-featured multi-screen interaction software that enables screen casting, pushing, and control between a variety of receiving devices such as smartphones, tablets, and laptops.



Connect with a Purpose

USB Type-C: Plug your device and start working together straightaway, just by connecting single USB Type-C cable as it eliminates all other cables required for audio, video, touch, camera and microphone, including power to the attached mobile device; every thing sync automatically to make your meeting room more smarter.

COMMUNICATE WITH A TOUCH



Communicate and Annotate

In-built easy-to-use Pen Software provides an intuitive menu with smartly arranged icons for split screen, spotlight, import picture, and more. Pixel Edge allows direct on-screen annotation on photos, videos, and documents, enabling instant sharing for efficient communication.

IWB LAUNCHER Communicate Hassle-free

A versatile tool that serves as the central hub for accessing and managing all the features and applications. It launches and ables you to access the function in one click.



Camera and Built-in Speakers

Features integrated speakers and an 8MP camera, providing a complete audio and video solution for your collaboration needs.



OPS Slot

Allows you to connect an OPS controller module and eliminate the need for a separate PC, provides greater installation flexibility & reduces clutter.



40 Touch Points

Pixel Edge Interactive Smartboard *recognizes up to 40 touch points*, allowing up to four people to write or draw *simultaneously*.



2.8mm tip Touch Pen

Boasts a standard Passive Pen, featuring a precise 2.8mm tip. This ergonomic stylus offers a comfortable grip and enhances the paper-like experience.



LEARN WITH A TOUCH OF BRILLIANCE

Explore the new horizon in education

Pixel Edge Interactive Smartboards are more than just a display. They are a powerful tool that can revolutionise the learning experience in schools & colleges.

With advanced features designed to enhance engagement, collaboration, and communication, Pixel Edge Interactive Smartboards empower educators to create dynamic & interactive lessons.



In-Class Quizzes and Services



Display, Write & Share Screen



40 Touch Points

COLLABORATE AND CREATE



Collaborate and Engage

Video-conferencing: Pixel Edge Interactive Smartboards are equipped with *integrated cameras and speakers*, making videoconferencing a *seamless experience*.



Collaborate and Preserve

Pixel Edge Interactive Smartboards allow you to *effortlessly save your work*, ensuring that your ideas & creations are preserved for future *reference or sharing*.



350/400 cd/m² Brightness



1200:1 Contrast Ratio



1.07 Billion Display Colours



16/7 Continuous Operation



Landscape Installation



IR Touch Technology

Achieve an incredibly accurate precision touch with IR-blocking method; all this along with the power of multi-touch points.



Multiple Port Connectivity

Wireless connectivity, HDMI, & USB Type-C options ensure seamless integration, enhancing collaboration & interactive experiences for users.



Zero Bond Technology

Utilise zero bonding, eliminating mis-taps. This enhances durability, improves accuracy, and provides a seamless, responsive touch experience.



OTA Updates

Receive automatic software updates directly to Pixel Edge. Experience enhanced performance, stability and streamlined IT management with seamless over-the-air updates.

TECHNICAL SPECIFICATIONS

PIXEL EDGE models		PE-SB651	PE-SB751	PE-SB861
INSTALLATION		LANDSCAPE		
DISPLAY	Display Size	65-inch-class (64-1/2 inch (163.9cm) diagonal) TFT LCD	75-inch-class (74-1/2 inch (189.3cm) diagonal) TFT LCD	86-inch-class (85-3/5 inch (217.42cm) diagonal) TFT LCD
	Max. Resolution	3840 x 2160 Pixels		
	Max. Display Colours (approx.)	1.07B (8bit + FRC)		
	Pixel Pitch (H x V) in mm	0.372(H) x 0.372(V)	0.4296(H) x 0.4296(V)	0.4935(H) x 0.4935(V)
	Max. Brightness (standard value)(*1)	350 cd/m ²	400 cd/m ²	400 cd/m ²
	Contrast Ratio	1,200 : 1 (typical)		
	Viewing Angle (H/V)	178°(H) / 178°(V)		
	Active Screen Area (W x H) (approx.) in mm	1428.48(H)x803.52(V)	1649.664(H)x927.936(V)	1895.04(H)x1065.96(V)
	Response Time	8ms (typical)		
Backlight	D-LED			
TOUCH SPECIFICATION	Touch Technology	IR (infrared blocking detection method)		
	Multi Touch	40 Points		
	Surface Protection	3.2mm Toughened Glass		
	Response Time	≤ 10ms		
	Touch Pen	Passive Pen		
SYSTEM	CPU	4 Cortex A73(quad core) with Max 2.2GHz + 4 Cortex A53(quad core) with 2.0GHz		
	GPU	MaliG52 MP8		
	Memory & Internal Storage	4 GB RAM, 32 GB ROM		
	OS	Android		
	Power Requirements	AC 100 V ~ 240 V, 50/60 Hz		
	Power Consumption Without OPS	300W		
	OPS Power	DC 18V/5A		
INTERFACE	Input(*3)(*4)	Front	Public USB (front) 3.0x2, Type C (front)	
		Rear	HDMI x2, DP x1, Type C, VGA x1, LAN x2, Audio x1, MIC x1, Touch-USB x3, RS232 x1, USB 2.0 x1, USB3.0 x2	
	Output(*3)(*4)	Rear	S/PDIF x1, Audio x1	
	OPS		Optional	
WIFI	Operating Frequency	2.4GHz/5GHz		
	Wi-Fi Standard	802.11 a/b/g/n/ac/BT		
CAMERA	Pixels	8MP		
	Lens Angle of View(FOV)	Diagonal 103°		
	Array Size	MJPEG : 3840*2160 (30fps), 1920*1080 (30fps)		
MIC ARRAY	Array Quantity & Pickup Area	8-mic & 8m (angle:45°~135°)		
	Echo Cancellation (AEC) & Automatic Gain (AGC)	Yes		
	Output Signal	USB Output		
	Speaker Output	15 W + 15 W / 8Ω		
ENVIRONMENTAL CONDITIONS	Operating Temperature(*2)	0 °C to + 40 °C		
	Operating Humidity	20% to 80% RH (non-condensing)		
PACKAGING	Dimensions Package Size(W x D x H)	1482.1mm x 105.6mm x 936.7mm	1716.5mm x 105.6mm x 1069.7mm	1961.8mm x 105.6mm x 1207.7mm
	Weight(in kg)	Net wt - 40.5kg / Gross wt - 49.5kg	Net wt - 54.5kg / Gross wt - 63.5kg	Net wt - 68.7kg / Gross wt - 81.4kg
	Wall Mounting Holes (VESA)	(4-M8 Screw Hole 600mmx400mm)	(4-M8 Screw Hole 800mmx400mm)	(4-M8 Screw Hole 800mmx600mm)
	Main Accessories	1 Remote, 2 Stylus, 1 HDMI Cable, 1 Power Cable, 1 Touch USB Cable, Wallmount Kit, 1 User Manual, 1 Instruction Manual, 2 AAA Batteries		

*1 Without Glass. Brightness depends on input mode and other picture settings. Brightness level will decrease slightly over the lifetime of the product. Due to physical limitations of the equipment, it is not possible to maintain a precisely constant level of brightness. *2 Temperature conditions may change when using the monitor together with the optional equipment. In such cases, check the temperature conditions specified by the optional equipment. *3 Use a commercially available connection cable for PC and other video connections. *4 Check the requirements of the computer and other devices to be connected, and make sure that all requirements are satisfied.