

Interactive Digital Board with Ultra HD

86TR3E

The LG Interactive Digital Board, powered by embedded IDB app, is the optimal solution to meet the requirements of all spaces where meetings might take place.

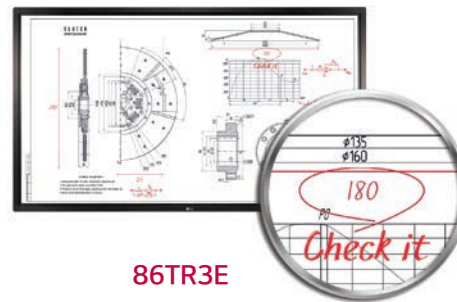
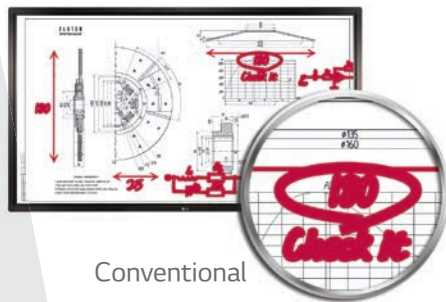


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Outstanding Touch Performance

Quick Response and Detailed Writing

The screen recognizes even the smallest touch points accurately and instantly shows the response to the touch point. This kind of accuracy and granularity means that users can use Interactive Digital Board (IDB) both as a realistic handwriting tool and for detailed complex content such as drawings.



Intuitive Touch

Users will find the Interactive Digital Board (IDB) easy to use because the touchscreen feels similar to their mobile phones or tablets with the latest touch technology.



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Outstanding Touch Performance

20 Point Multi-Touch

It provides a more realistic sense of touch since it can recognize up to 20 simultaneous touches at once with no need for a separate pen.

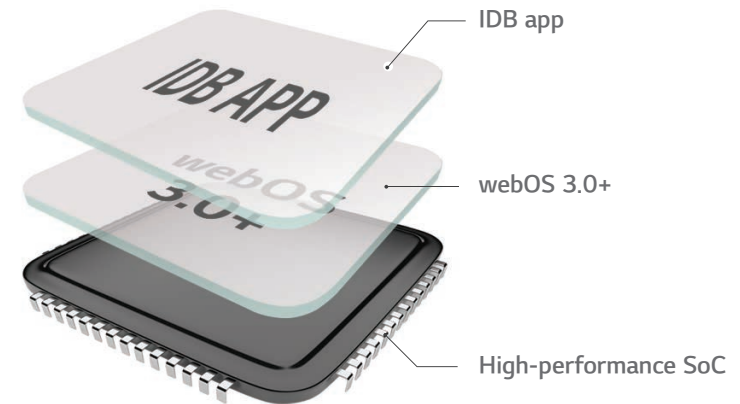


* Touch points can vary depending on the connection environment.

All-in-One Embedded Solution

IDB App for Writing & Collaboration

webOS-based IDB app enables users to write on the screen without an additional writing solution and media player (PC). It is a complete way to enhance collaboration efficiency during a meeting, by combining whole processes which includes file sharing, writing, and saving on LG Interactive Digital Board (IDB).

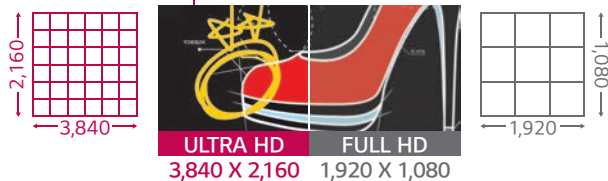


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Excellent Visibility with Ultra HD

Large 86" Screen with Ultra HD Resolution

With a large screen space, the display does not compromise the details of documents, images, and video - it delivers them with vivid, sharp resolution, thus providing an immersive and efficient working environment.



Wide Viewing Angle with IPS Panel

IPS Panel generates consistent and accurate colors regardless of viewing angle. So viewers can see content on the display from any angle.



Non-IPS

IPS

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Enhanced User Convenience

Auto Signal Switching

With its auto signal switching function, the display can detect input/touch signals and automatically change the source if the new input has a higher priority than the previous source. Users can save time by setting up the signals before a meeting or presentation.



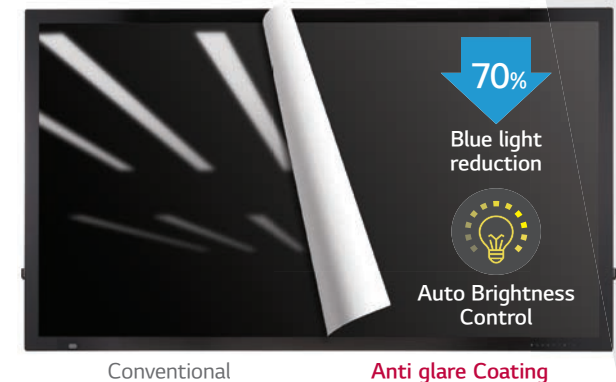
Easy Touch OSD on Display

User can transition into desired mode and setting by a simple touch on OSD. Users can create shortcuts for inputting their preferences.



Eye Care Support

Reader mode decreases blue light, a cause of eye strain, by 70%, improving the comfort of those who are viewing the screen for a long time. Also the anti-glare coating on the screen reduces reflection for better visibility. And brightness is automatically adjusted according to ambient light of the surrounding to reduce eye strain.



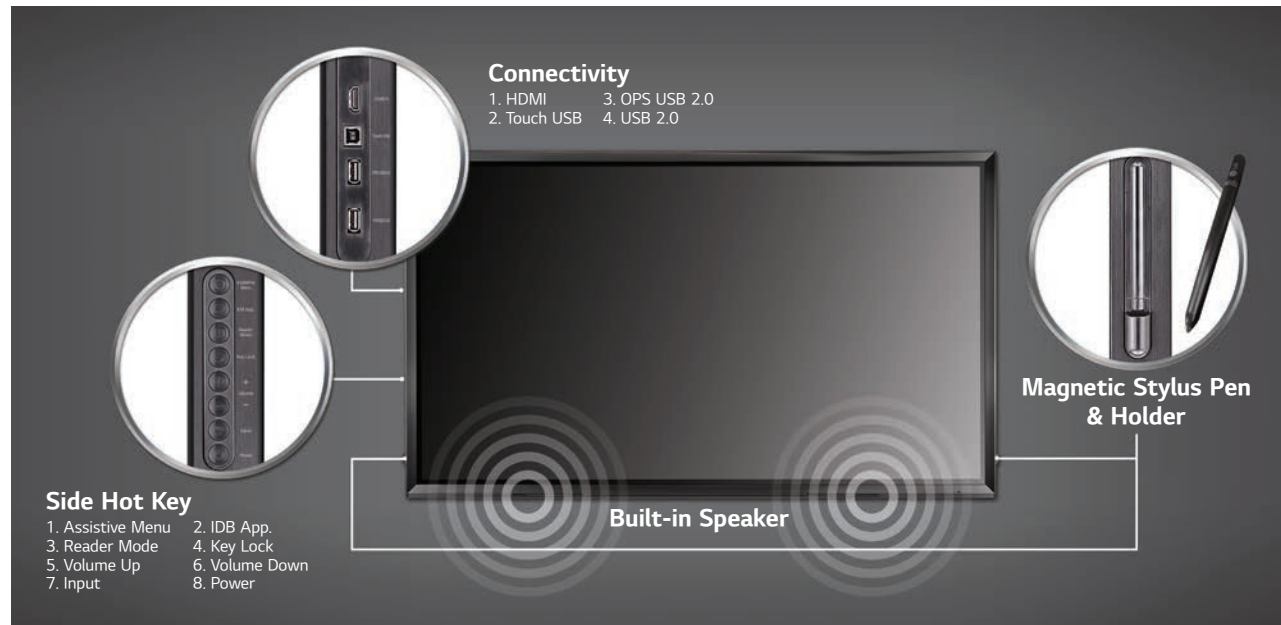
* The menu design (GUI) is subject to change without notice

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Enhanced User Convenience

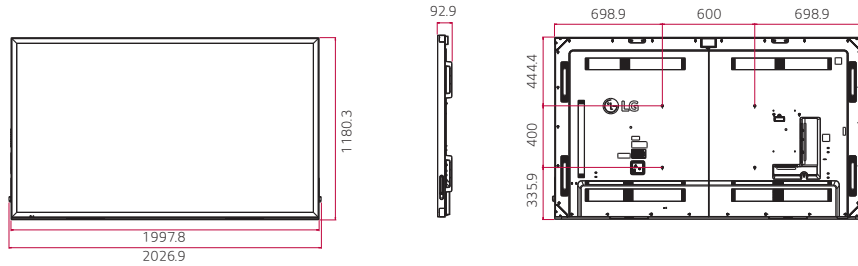
User-Friendly Configuration

The interfaces are arranged with total focus on user convenience. The side hot key located on the left-hand side allows quick and easy operation of various functions. With the side connectors, the display detects connected devices first (Auto Signal Switching), enhancing usability and connectivity. Two touch pens are placed on either side of the display for easy use and storage. Two 10W speakers are built in to the front of the screen at each side for a more immersive audio experience without separate speakers.



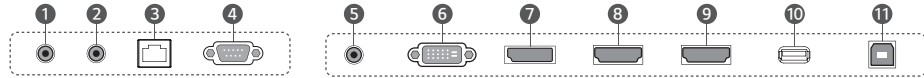
Dimension

86"

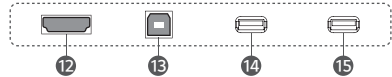


Connectivity

REAR



SIDE



- | | | |
|--------------|------------|-----------------|
| ① RS232C OUT | ⑥ DVI-D IN | ⑪ TOUCH USB |
| ② RS232C IN | ⑦ DP IN | ⑫ HDMI 3 |
| ③ LAN | ⑧ HDMI 1 | ⑬ TOUCH USB |
| ④ RGB IN | ⑨ HDMI 2 | ⑭ OPS USB (2.0) |
| ⑤ AUDIO IN | ⑩ USB 3.0 | ⑮ USB 2.0 |



Specifications

		86TR3E
PANEL	Screen Size	86"
	Panel Technology	IPS
	Aspect Ratio	16 : 9
	Brightness	410 cd/m ² *
	Viewing Angle (H x V)	178 x 178
	Response Time	8ms (G to G)
CONNECTIVITY	Surface Treatment	Low Haze 3%
	Input	HDMI (3), DP, DVI-D, RGB, Audio, USB 3.0, USB 2.0, OPS USB 2.0
	Output	Touch USB 2.0 (2)
	External Control	RS232C In/out, RJ45 In
PHYSICAL SPECIFICATION	Bezel Color	Black
	Bezel Width	50.7 mm (T/L/R), 62.2 mm (B)
	Monitor Dimension (W x H x D)	2,026.9 x 1,180.3 x 79.5 mm (w/o Handle)
	Weight (Head)	85.8 kg
	Carton Dimensions (W x H x D)	2,190 x 1,470 x 371 mm
	Packed Weight	114.6 kg
	Handle	Yes
VESA™ Standard Mount Interface	600 x 400 mm	
SPECIAL FEATURES	Embedded IDB App, Temperature Sensor, Auto Brightness Sensor, ISM method, DPM Select, Brightness Control, PM Mode, Reader Mode, Crestron SDK, Wake on LAN, Energy Saving, File Play with USB, 2 PIP/PBP, Internal Memory (64GB), Wi-Fi (802.11n Combo built-in), USB Cloning, Failover, No Signal Image, Mirroring, Soft AP, BEACON	
ENVIRONMENT CONDITIONS	Operation Temperature Range	0°C to 40°C
	Operation Humidity Range	10% to 80%
	Power Supply	100-240V~, 50/60Hz
POWER	Power Type	Built-in Power
	Power Typ.	≤ 330 W
	Consumption Smart Energy Saving	≤ 200 W
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB / TUV / KC
	EMC	FCC Class "A" / CE / KCC
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible	Yes
SOFTWARE COMPATIBILITY	External Media Player Attachable	No
ACCESSORIES	Content Management Software	SuperSign Premium
	Control and Monitoring Software	SuperSign Link
TOUCH SPECIFICATIONS	Basic	Remote Controller (include battery 2ea), Power Cord, QSG, HDMI (3M), Regulation Book, Phone to RS232C Gender, Touch Pen (2ea), Eyebolt (2ea)
	Optional	OPS Kit (KT-OPSA)
	Touch type	InGlass™**
	Available object size for touch	more than Ø 3 mm
TOUCH SPECIFICATIONS	Accuracy	2 mm
	Interface	USB 2.0
	Protection Glass Thickness	4T (Anti-Glare)
	Multi touch point	Max 20 Point

* With Protection Glass: 350cd/m²

** Applied FlatFlog's InGlass™ Technology.

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