

Specifications

		86TR3D
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)
	Surface Treatment	Low Haze 3%
CONNECTIVITY	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 75.6 mm (w/o Handle)
	Weight (Head)	92.7 kg
	Carton Dimensions (W x H x D)	2,190 x 1,470 x 371 mm
	Packed Weight	121.2 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	Power Supply	100-240V~, 50/60Hz
	Power Type	Built-In Power
	Power Consumption Typ.	≤ 330 W
	Power 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
	External Media Player Attachable	No
SOFTWARE COMPATIBILITY	Content Management Software	SuperSign Premium
	Control and Monitoring Software	SuperSign Link
ACCESSORY	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™**
TOUCH SPECIFICATIONS	Available object size for touch	more than Ø 3 mm
	Accuracy	2 mm
	Interface	USB 2.0
	Protection Glass Thickness	4T (Anti-Glare)
	Multi touch point	Max 20 Point

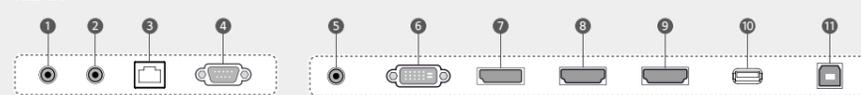
* With Protection Glass: 350cd/m²

** Applied FlatFlog's InGlass™ Technology.

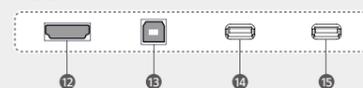
Connectivity

- 1 RS232C out
- 2 RS232C in
- 3 LAN
- 4 RGB in
- 5 Audio in
- 6 DVI-D in
- 7 DP in
- 8 HDMI 1
- 9 HDMI 2
- 10 USB 3.0
- 11 Touch USB
- 12 HDMI 3
- 13 Touch USB
- 14 OPS USB (2.0)
- 15 USB 2.0

REAR



SIDE



Download LG Commercial Display Mobile App



www.lg.com/b2b

youtube.com/LGCommercialDisplay

https://www.facebook.com/LGInformationDisplay/

https://www.linkedin.com/company-beta/16235211/

LG may make changes to specifications and product descriptions without notice.

Copyright © 2017 LG Electronics Inc. All rights reserved. "LG Life's Good" is a registered trademark of LG Corp.

The names of products and brands mentioned here may be the trademarks of their respective owners.



Interactive Digital Board with Ultra HD

Quick and Easy Touch Experience, 86TR3D



With its Ultra HD picture quality and large 86" screen, the 86TR3D attracts the audience's attention in any environment, such as a meeting room or classroom.

InGlass™ Touch technology enables the generation of fine writing such as exquisite handwriting, and user-friendly functions make the working environment more convenient and efficient.

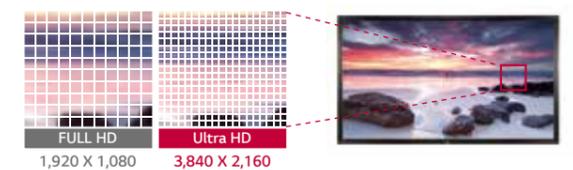
Features

Excellent visibility with Ultra HD

ULTRA HD

Large 86" Screen with Ultra HD Resolution

With a large 86" screen, it can accommodate a wider view range for more viewers. 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. As viewers can see contents on the display from any angle, it aids effective communication between presenter and audience and increases message delivery effect.

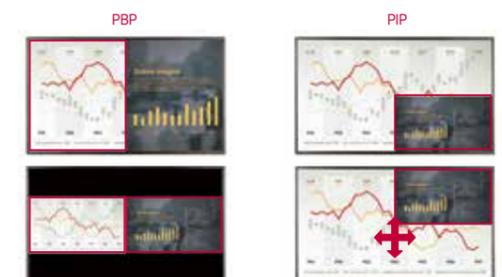


Multiple Screen



PBP (Picture by Picture) / PIP (Picture in Picture)

PBP/PIP enables two different content sources to be displayed in various layout settings including full screen, original ratio, and sub screen modes. This gives great flexibility to users to allocate space for each content source.



Interactive Digital Board with Ultra HD

Quick and Easy Touch Experience, 86TR3D



Screen Size
86"

86TR3D

- Brightness: 410 cd/m²
- Touch Type: InGlass™
- Touch Point: Max. 20 points
- Interface: HDMI (3), DP, DVI, RGB, RS232C, RJ45, USB (2), OPS USB, Touch USB (2), Wi-fi Built-in

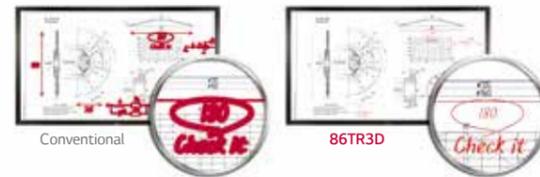


Features

Outstanding Touch Performance

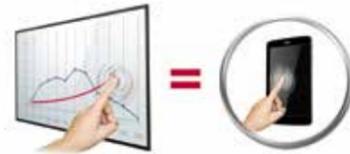
Small Object Touch

Compared to legacy signage, it allows more detailed and gentle touch (minimum radius: 3mm). In addition, users can now write in small-sized letters, check small icons, enabling sophisticated writing that fits document style requirements.



Intuitive Touch

InGlass™ touch performance is similar to that of mobile devices, providing users with a familiar feeling when they touch the screen, enabling them to easily use the touch screen without confusion.



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.

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.



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

Embedded IDB App

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 IDB.



*It is expected to be available at the end of 2017

Enhanced User Convenience

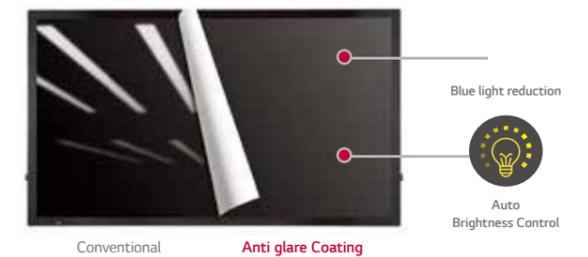
User-Friendly Configuration

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 10-W speakers are built in to the front of the screen at each side for a more immersive audio experience without separate speakers.



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.



Dimension (unit: mm)

86"
2,026.9 x 1,180.3 x 96.8 (with Handle) / 92.7 kg

