Specifications

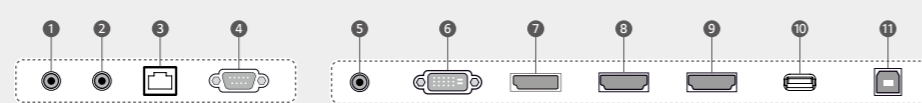|		86TR3D
PANEL	Screen Size	86"
	Panel Technology	IPS
	Aspect Ratio	16 : 9
	Brightness	410 cd/m² *
	Viewing Angle (H x V)	178 x 178
	Response Time	8ms (G to G)
	Surface Treatment	Low Haze 3%
CONNECTIVITY	Input	HDMI (3), DP, DVI-D, RGB, Audio in, USB 3.0, USB 2.0, OPS USB 2.0
	Output	Touch USB 2.0 (2)
	External Control	RS232C, RJ45
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 96.8 mm
	Weight (Head)	92.7 kg
	Carton Dimensions (W x H x D)	2,190 × 1,470 × 371 mm
	Packed Weight	121.2 kg
	Handle	Yes
	VESA™ Standard Mount Interface	600 x 400 mm
SPECIAL FEATURES		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.	Under 330 W
	Power Consumption — Smart Energy Saving	Under 200 W
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB / TUV / KC
	EMC	FCC Class "A" / CE / KCC
	ErP / Energy Star	NA
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
EMBEDDED COLLABORATION AND WRITING SOFTWARE		SuperSign IDB
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), LSW640A/B (Wall Mount)
TOUCH SPECIFICATIONS	Touch type	InGlass™**
	Available object size for touch	more than Ø 3 mm
	Accuracy	2 mm + 0.2 mm
	Interface	USB 2.0
	Protection Glass Thickness	4T (Anti-Glare)
	Multi touch point	Max 20 Point

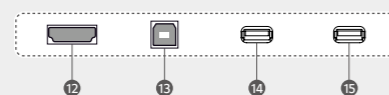* With Protection Glass: 350cd/m²
** Applied FlatFlog's InGlass™ Technology.

Connectivity

❶ RS232C out
❷ RS232C in
❸ LAN
❹ RGB in
❺ Audio in
❻ DVI-D in
❼ DP in
❽ HDMI 1
❾ HDMI 2
❿ USB 3.0
⓫ Touch USB
⓬ HDMI 3
⓭ Touch USB
⓮ OPS USB (2.0)
⓯ USB 2.0

REAR

❶ ❷ ❸ ❹   ❺ ❻ ❼ ❽ ❾ ❿ ⓫

SIDE

⓬ ⓭ ⓮ ⓯

HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE

Learn more www.lg.com/b2b
youtube.com/c/LGECommercialDisplay

LG Business Solutions

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.
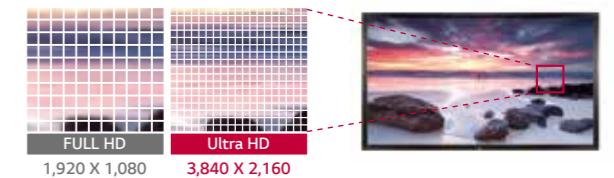
Features

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.

FULL HD — 1,920 X 1,080
Ultra HD — 3,840 X 2,160

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.

Non-IPS   IPS

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.

PBP   PIP

LG Business Solutions

Interactive Digital Board with Ultra HD
Quick and Easy Touch Experience, 86TR3D

Screen Size

86"

86TR3D
- Brightness: 410 cd/m^2
- 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
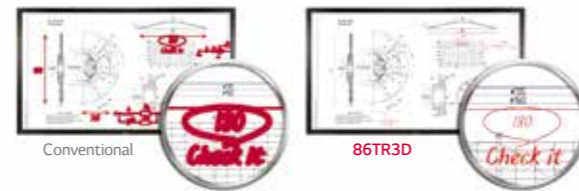
IPS 4K ULTRA HD LARGE SCREEN SuperSign™ webOS 3.0+ 20 Point

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.

Conventional   86TR3D

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 Experience

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.

Priority 1   Rear   Priority 2
Side   HDMI / D-Sub / DP / DVI / USB / Touch USB
HDMI / USB / Touch USB

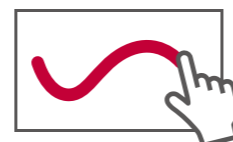* Auto signal switching from priority 2 to priority 1 when priority 1 signal is ON

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.

Embedded SuperSign IDB

webOS-based SuperSign IDB* enables users to write on the screen without an additional writing solution and media player (PC). The Writing/Drawing function works not only on the basic white background, but also on files opened as png images. The quality of the presentation or lecture will be improved simply with LG's embedded software.

* SuperSign IDB: The name of collaboration and writing software for the Interactive Digital Board (First launching in November 2017)
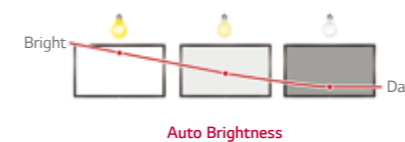
User-Friendly Configuration

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.

Side Hot Key
1. Assistive Menu
2. IDB App.
3. Reader Mode
4. Key Lock
5. Volume Up
6. Volume Down
7. Input
8. Power

Connectivity
1. HDMI
2. Touch USB
3. OPS USB 2.0
4. USB 2.0

Frontal Built-in Speaker

Magnetic Stylus Pen

Eye Care Support

Auto Brightness Sensor

Brightness is automatically adjusted according to ambient light of the surrounding to reduce eye strain.

Bright   Dark

Auto Brightness

Reader Mode

Reader mode decreases blue light - which causes eye strain - by 70%, improving the comfort of those who are viewing the screen for a long time.

Normal Mode   Reader Mode

Antiglare Coating

The Anti-glare Coating on the screen reduces reflection for better visibility.

Others   Anti Glare Coating

Dimension (unit: mm)

86"

2,026.9 x 1,180.3 x 96.8 / 92.7 kg

96.8   698.9   600   698.9
444.4
1180.3
400
335.9

2026.9