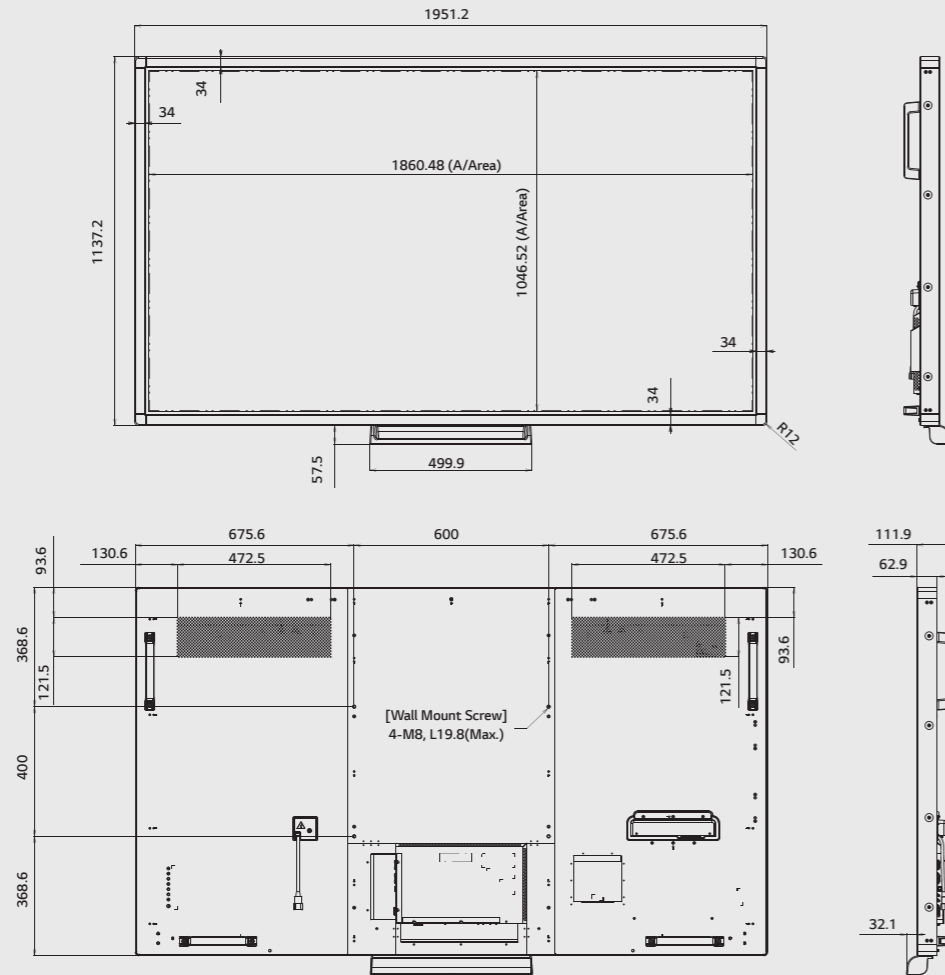


Dimension (unit : mm)

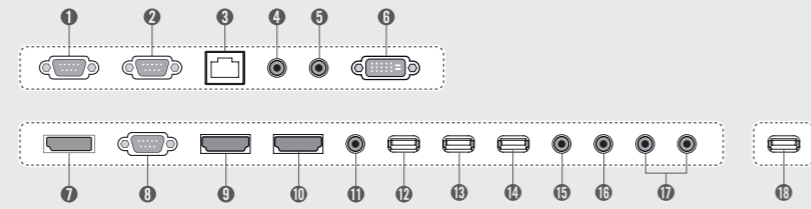
84"

1,951 x 1,137 x 112 /  
104kg



Connectivity

- 1 RS-232C IN
- 2 RS-232C OUT
- 3 LAN
- 4 VIDEO IN
- 5 AUDIO IN
- 6 DVI-D IN
- 7 DP IN
- 8 PENTRAY CONTROL
- 9 HDMI (HDCP2.2)
- 10 HDMI (10Bit)
- 11 AUDIO IN
- 12 USB1
- 13 USB2
- 14 USB3
- 15 IR & LIGHT SENSOR
- 16 AUDIO OUT
- 17 SPEAKER OUT
- 18 TOUCH USB



# Interactive Screen with Ultra HD Picture Quality

## Ultra HD Large Multi-Touch Display 84TR3B



With its ultra HD picture quality and 84" large screen, the 84TR3B attracts audiences' attention in any environments, such as a classroom or a meeting room. The superior interactivity provided by its IR spread technology is an effective tool for facilitating audiences' participation. In addition, the 5mm protection glass and centralized control brings efficiency and peace of mind to IT managers.

Features

Ultra HD Large Screen



Ultra HD Resolution (3,840 x 2,160)

Ultra HD Large screen delivers immersive viewing experience.



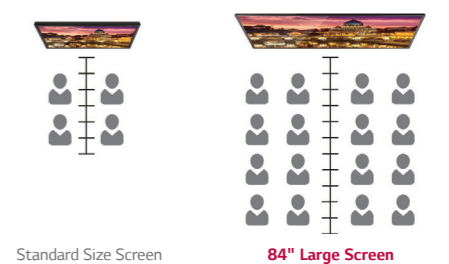
4K Upscaler

Up-scaling and Super Resolution technology enhance the quality of FHD content to near UHD quality.



84" Large Screen

Its large screen with wide viewing angles is effective in learning environments as the audience can view in any position without any problems.



Download LG Commercial Display Mobile App



More info [www.lgcommercial.com](http://www.lgcommercial.com)

YouTube [youtube.com/c/LGCommercialDisplay](https://www.youtube.com/c/LGCommercialDisplay)

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# Interactive Screen with Ultra HD Picture Quality

## Ultra HD Large Multi-Touch Display 84TR3B



**Screen Size**  
84"

- 84TR3B**
- Brightness : 350cd/m<sup>2</sup> (300cd/m<sup>2</sup> with Protection Glass)
  - Bezel : 34mm (Top / Left / Right / Bottom)
  - Depth : 112mm
  - Interface : HDMI / DP / DVI-D / Audio / RS232C / RJ45 / IR / Light Sensor / Pentray Control / USB



### Features

#### Highly Reliable Touch Experience

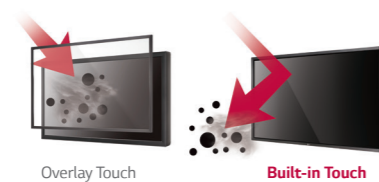
#### 5mm Protection Glass

For educational environment where external impacts on screens can occur, the durability of 84TR3B is improved with 5mm protection glass.



#### Built-in Touch

The touch overlay seamlessly attaches to the screen, creating no gap for dust to enter and cause a malfunction.



#### Superior Interactive Experience

#### Ghost-Free Touch

LG's proprietary touch technology allows you to draw clean and accurate diagonal lines using multi-touch function.



#### 10 Point Multi-Touch

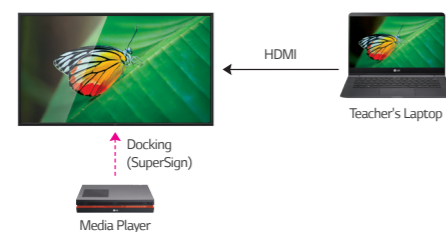
It provides a more realistic sense of touch since it can recognize up to 10 simultaneous touches at once with no need for a separate pen.



#### Ease of Use

#### Auto Signal Switching

With its auto signal switching function, the monitor can detect input signals and automatically change the input source if the input has a higher priority than the previous source.

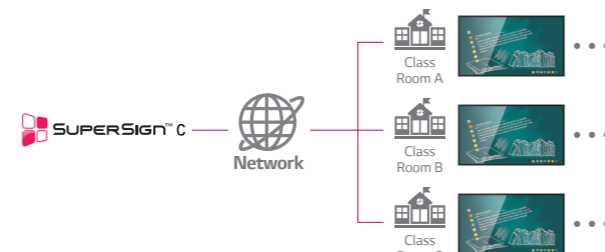


- Priority1 : Teacher's laptop (HDMI)
- Priority2 : Media Player (Docking)

\* Auto signal switching from priority 2 to priority 1 when priority 1 (HDMI) signal is ON

#### SuperSign™ C

The SuperSign™ C software allows you to monitor and control displays remotely through a network or serial connection.



#### \* Benefits of the Technology

- 1) Reducing management cost and power consumption by remote power on/off control.
- 2) Minimizing interruption during class by real time monitoring and remote management for display and media players.

### Specifications

	84TR3B	
<b>PANEL</b>	Screen Size	84"
	Panel Technology	IPS
	Aspect Ratio	16 : 9
	Native Resolution	3,840 x 2,160 (UHD)
	Brightness	350cd/m <sup>2</sup> (Typ), 300cd/m <sup>2</sup> with Protection Glass
	Contrast Ratio	1,400:1
	Dynamic CR	500,000:1
	Viewing Angle (H x V)	178 x 178
	Surface Treatment	Anti-glare Haze 10%
	Life Time	50,000 Hrs (Typ.)
<b>CONNECTIVITY</b>	Input	HDMI(2), DP(1), DVI-D(1)(w/o HDCP), Component AV(1), Audio(1), USB 3.0(1), USB 2.0(2)
	Output	Audio(1), External Speaker(1)
	External Control	RS232C(1), RJ45(1), IR/Light Sensor(1), Pentray Control(1)
<b>PHYSICAL SPECIFICATION</b>	Bezel Color	Black
	Bezel Width	34.0mm
	Monitor Dimension (W x H x D)	1,951 x 1,137 x 112mm
	Weight (Head)	104kg
	Carton Dimensions (W x H x D)	2,050 x 1,261 x 330mm
	Packed Weight	119.1kg
VESA™ Standard Mount Interface	600 x 400mm, M8	
<b>SPECIAL FEATURES</b>	Temperature Sensor, Auto Brightness Sensor, Auto Power/Source Memory, Key Lock, DPM Select, File Play with USB, Internal Memory(8GB), Wi-Fi Dongle Ready	
<b>ENVIRONMENT CONDITIONS</b>	Operation Temperature Range	0°C to 40°C
	Operation Humidity Range	10% to 80%
<b>POWER</b>	Power Supply	100-240V~, 50/60Hz
	Power Type	Built-In Power
	Power Consumption Typ./Max Smart Energy Saving	400W 30% ±5%
<b>STANDARD (CERTIFICATION)</b>	Safety	UL / cUL / CB / TUV / KC
	EMC	FCC Class "A" / CE / KCC
	ErP / Energy Star	NA
<b>MEDIA PLAYER COMPATIBILITY</b>	Slot PC compatible (optional)	Yes (MP500, MP700)
	External Media Player Attatchable	No
<b>SOFTWARE COMPATIBILITY</b>	SuperSign W/Lite	No
	SuperSign C	Yes
	Interactive White Board S/W	Yes
<b>ACCESSORY</b>	Accessory	Power Cord, Remote Controller(2ea batteries included), IR/Light Sensor Receiver, USB 2.0 Cable, HDMI 2.0 Cable, Display Port Cable, Cable Tie(2ea), Touch Pen(2ea), Pen Tray(1ea), Eye-Bolt Assy(2ea), Screw Package, ESG
	Optional Accessory	Media Player : MP700/MP500, External Speaker : SP-2100, Pentray : KT-WT1 (TBD)

### Touch Specifications

TOUCH TYPE	IR(Infrared Rays) Spread
AVAILABLE OBJECT SIZE FOR TOUCH	Ø6mm
SCAN TIME	10ms
ACCURACY	1mm
INTERFACE	USB 2.0
POWER	4W
PROTECTION GLASS THICKNESS	5T (Anti-Glare)
PROTECTION GLASS TRANSMISSION	85% (Typ.)
OPERATING SYSTEM SUPPORT	Windows 7, Windows 8, Windows 8.1 (10 Point)
MULTI TOUCH POINT	Max 10 Point
TOUCH RESOLUTION	1,840 x 1,050

### LG Interactive White Board Software

OS	Windows XP / Vista / 7
DRAWING	Pen / Brush / Spray / Eraser / Shape
EDIT	Copy / Paste / Clone / Undo / Redo
DATA FORMAT	Intrinsic / PDF / JPG
MEDIA	Image, Audio, Video
APP LINKAGE	PowerPoint, Excel, Word, Internet Explorer
E-MAIL	Share writing/drawing data via e-mail
SCREEN SPLIT	2 horizontal Screens
USAGE CONVENIENCE	Preview / Navigation / Screen Lock
CAPTURE	Full / Window / Automatic Copy & Paste
RECORDING	Full / Window / Rectangle
ZOOM	In / Out (100% ~ 400%)
WRITING SPACE RESIZE	Resize From 1,920 x 1,080 to 3,840 x 2,160