LG IR Spread based Ghosting Free
Multi-Touch Display

▶ **55WT30MS-B**

55" class (54.64" measured diagonally)

▶ **47WT30MS-B**

47" class (46.96" measured diagonally)

▶ **42WT30MS-B**

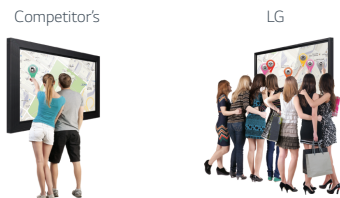42" class (41.92" measured diagonally)

Features

PRECISE MULTI-TOUCH EXPERIENCE

LG's touch technology delivers exceptionally accurate touches, swipes and gestures without ghosting.

Competitor's	LG
Ghosting	No Ghosting

BETTER MULTI-TOUCH EXPERIENCE

Can be used in various high-traffic locations such as subways and exhibition halls for interactive way-finding and informational purposes with our improved 10 points touch monitors.

Competitor's   LG

HIGHLY RELIABLE TOUCH

- No external touch overlay
- Dust preventing mechanism between touch frame and glass help ensure high reliability
- Slimmer design is ideal for places where space is at a premium

Competitor's   LG

Specifications

Native Display Resolution 1920 X 1080 (FHD)

High Brightness 350 cd/m^2 (55WT30MS-B)
400 cd/m^2 (47WT30MS-B, 42WT30MS-B)

Contrast Ratio 1,000:1 (Typ.), 500,000:1 (DCR)

178°/178° Ultra Wide Viewing Angle

RJ-45 LAN Control

Suitable for Portrait or Landscape Installation

RGB, DVI and HDMI Connection

RS-232C Control

Convenient External Speaker-Out

Energy Star® 6.0 compliant

Even Bezel Width 15mm (Left/Right/Top/Bottom)

USB Playback

3-Year Limited Warranty Parts/Labor/Backlight

LG
Life's Good

LG IR Spread based Ghost-Free Multi-Touch Display
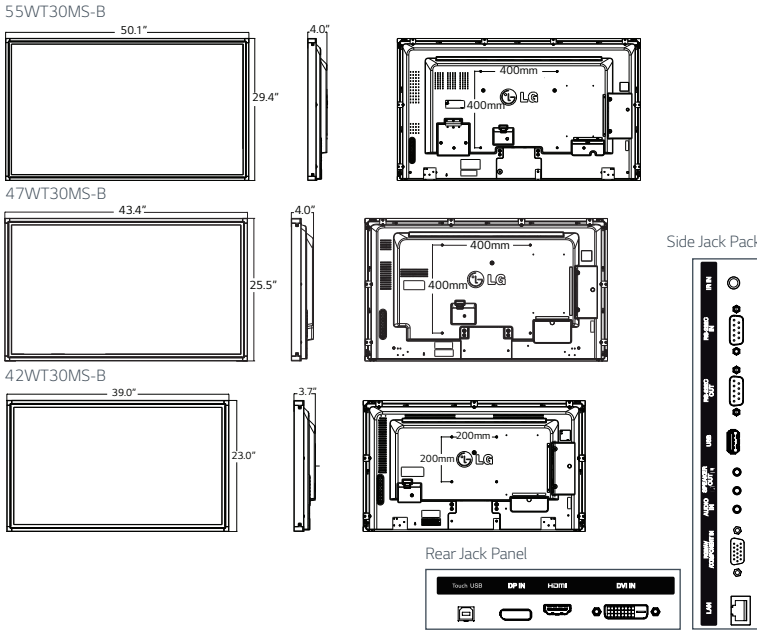
DIGISIGN

▶ **55WT30MS-B**
55" class (54.64" measured diagonally)

▶ **47WT30MS-B**
47" class (46.96" measured diagonally)

▶ **42WT30MS-B**
42" class (41.92" measured diagonally)

Dimension diagrams

55WT30MS-B — 50.1", 29.4", 4.0", 400mm x 400mm

47WT30MS-B — 43.4", 25.5", 4.0", 400mm x 400mm

42WT30MS-B — 39.0", 23.0", 3.7", 200mm x 200mm

Side Jack Pack

Rear Jack Panel

Touch USB | DP IN | HDMI | DVI IN

PHYSICAL SPECIFICATIONS

Model	55WT30MS-B	47WT30MS-B	42WT30MS-B
Color	Black		
Bezel Width	15mm(Left/Right/Top/Bottom)		
Monitor Dimensions (W x H x D) (head only)	50.0" x 29.3" x 4.0"	43.4" x 25.5" x 4.0"	39.0" x 23.0" x 3.7"
Weight (head)	61.7 lbs.	45.2 lbs.	35.1 lbs.
Monitor Dimensions (W x H x D),(w/Optional Speaker)	50.0" x 29.3" x 4.0"	43.4" x 25.5" x 4.0"	39.0" x 23.0" x 3.7"
Weight (w/Optional Speaker)	63.5 lbs.	47.0 lbs.	36.8 lbs.
Carton Dimensions (W x H x D)	53.9" x 35.0" x 8.3"	47.4" x 31.1" x 7.5"	42.3" x 28.3" x 7.5"
Packed Weight	72.1 lbs.	53.6 lbs.	43.2 lbs.
VESA™ Standard Mount Interface	400mm x 400mm		200mm x 200mm

SPECIAL FEATURES

Temperature Sensor	Yes
Tile Mode	Yes (not available in Touch)
Source Selection	Component, RGB, DVI-D, HDMI, USB, Display Port
Brightness/Contrast/Backlight	Yes
Position/Size	Yes
Auto Config/Phase	Yes
ISM Method	Normal, White Wash, Orbiter, Inversion
Advanced	Dynamic Contrast, Dynamic Color, Clear White, Skin Color, Noise Reduction, Digital Noise Reduction, Gamma, Black Level
Time	Clock, On/Off Time, Sleep Timer, Power on Delay, Auto Off, Automatic Standby
Information	Model/Type, Software Version, Serial Number, IP Address, MAC Address, Homepage
Input Label	Yes(PC/DTV)
Auto Power/Source Memory	Yes
Key Lock	Yes
DPM Select	Yes
Energy Saving	Yes (Off, Minimum, Medium, Maximum, Screen Off)
Smart Energy Saving	Yes
File Play with USB	Yes
PIP/PBP	Yes

ENVIRONMENT CONDITIONS

Operation Temp.	0°C ~ 40°C
Operation Humidity	10% ~ 80%

POWER

	55WT30MS-B	47WT30MS-B	42WT30MS-B
Power Supply	100 -240V, 50/60Hz		
Power Consumption	140W (Typ.)	100W (Typ.)	90W (Typ.)
	DPMS: 0.5W (Typ.)(RGB), 0.7W(Typ.)(DVI-D, HDMI, DP)		
	Power off: 0.5W (Typ.)		

STANDARD CERTIFICATION

Safety	UL / cUL / CB scheme
EMC	FCC Class "A", VCCI, CE, KCC
Erp/Energy Star	Yes/Yes (Energy Star 6.0)

MEDIA PLAYER COMPATIBILITY

External Media Player Attachable	Yes (NC1100 / NA1100 / NA1000)

SOFTWARE COMPATIBILITY

SuperSign Elite-w lite / Elite-c	Yes (Editing, Scheduling, Distribution & Play, Control) / Yes

WARRANTY

3-Year Limited Warranty (Parts/Labor/Backlight)

UPC

55WT30MS-B	47WT30MS-B	42WT30MS-B
7 19192 19315 4	7 19192 19314 7	7 19192 19313 0

ACCESSORIES

Included	IR Dongle/USB Cable/RGB Cable/CD(Manual&SW) /Remote (with Battery)

Touch

Touch type	IR(Infrared Rays) Spread
Available object size for touch	Ø6 mm
Scan Time	10 ms
Accuracy	1mm
Interface	USB 2.0
Power (Typ.)	4W
Protection Glass Tickness	3T (Anti-fog, Anti-glare)
Protection Glass Transmission	85%
Operating System Support	Windows XP (1Point) / Windows 7 (10 Point)
Multi touch point	Max 10 Point
Touch Resolution	1280 x 730

PANEL

Model	55WT30MS-B	47WT30MS-B	42WT30MS-B
Screen Size	55" (54.64" measured diagonally)	47" (46.96" measured diagonally)	42" (41.92" measured diagonally)
Panel Technology	IPS		
Aspect Ratio	16 : 9		
Native Resolution	1920 x 1080 (FHD)		
Pixels(H x V x 3)	6,220,800		
Brightness	350 cd/m² (300 cd/m² Typ With Glass)	400 cd/m² (340 cd/m² Typ With Protection Glass)	
Contrast Ratio	1,000:1		
Dynamic CR	500,000 : 1		
Color gamut	68%		
Viewing Angle	178°/178°		
Color Depth	1.06 Billion	8bits, 16.7Million colors	1.06 Billion
Response Time	8ms (GTG BW)	9ms (GTG)	6ms (GTG)
Surface Treatment	Hard coating (3H), Anti-reflection treatment of the front polarizer (Haze 1%)		
Orientation	Portrait and Landscape		

VIDEO (PC)

Max Input Resolution	1920 x 1080@ 60Hz(RGB,HDMI/DVI-D)
Recommended Resolution	1920 x 1080@ 60Hz(RGB,HDMI/DVI-D)
H-Scanning Frequency	30 ~ 83 kHz (RGB, HDMI/DVI-D), 15.625 ~ 60 kHz(Component)
V-Scanning Frequency	50Hz ~ 75.02Hz (RGB), 56Hz~60.317Hz (HDMI/DVI-D), 50 ~ 60 Hz(Component)
Pixel Frequency	148.5 MHz (RGB, HDMI/DVI-D)
Sync Compatibility	Separate / Composite / Digital
Video Input	RGB, HDMI, DVI, DP
Picture mode	Vivid, Standard, Cinema, Sports, Game
Color temperature	Warm, Medium , Cool

CONNECTIVITY INPUT (Rear)

Digital	HDMI(1), DVI-D(1), DP(1)
Analog	RGB(1) (Shared Component & AV)
Audio	RGB/DVI-D/Component(3.5Φ 1)
External Control	RS232C(In/Out), RJ45(1), IR(1)
USB	Yes(2) Contents Playerback & Touch Control
HDTV Formats	Component : 720p, 1080i , 1080p, HDMI : 720p, 1080i, 1080p

OUTPUT (Rear)

Audio	Speaker L/R
External Control	RS232C(In/Out), IR(1)

AUDIO

Balance	Yes
Audio Power	20W(10W x 2)
Speaker On/Off	Yes
Clear Voice II	Yes
Sound Mode	Standard, Music, Cinema, Sports, Game

LED · IPS · FULL HD 1080p · USB PLAY BACK · ENERGY STAR

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