Outstanding Visibility with Reliable Performance

XF Series

There is increasing demand for outdoor signage for delivering information and advertisement. With high-brightness and reliable performance, the open frame XF Series is able to achieve these goals effectively in any location.

Outstanding Visibility with Reliable Performance
XF Series

Outstanding Visibility

High Brightness

With a great brightness of 3,000* cd/m², XF series clearly deliver contents and attract public attention, which is the ultimate display for outdoor visibility.

Visible with Polarized Sunglasses

QWP (Quarter Wave Plate)* enables clear visibility even when the viewer is wearing polarized sunglasses.

* 32XF1E: 1,500 cd/m²

* 32XF1E: Available in 2019.

Outstanding Visibility with Reliable Performance
XF Series

Outstanding Visibility

No Blackening

Even under direct sunlight exposure, the open frame XF series remain free of blackening defects under 110°C and provide superior quality for outdoor usage.

Auto Brightness Control

The screen brightness is automatically adjusted depending on the ambient light. The brightness is increased in light for better visibility, while it is decreased in darkness for efficient power management.

Conventional   XF series

Dark   Bright

Auto Brightness

Outstanding Visibility with Reliable Performance
XF Series

Product Reliability

High Operating Temperature
Its high reliability under high operating temperatures reduces additional costs for air conditioning system.

Conformal Coating
The product can be often unavoidably exposed to dust and water during maintenance. Conformal coating on every major circuit board eliminates such troubles by protecting it against dust, iron powder, humidity, etc.

Outstanding Visibility with Reliable Performance
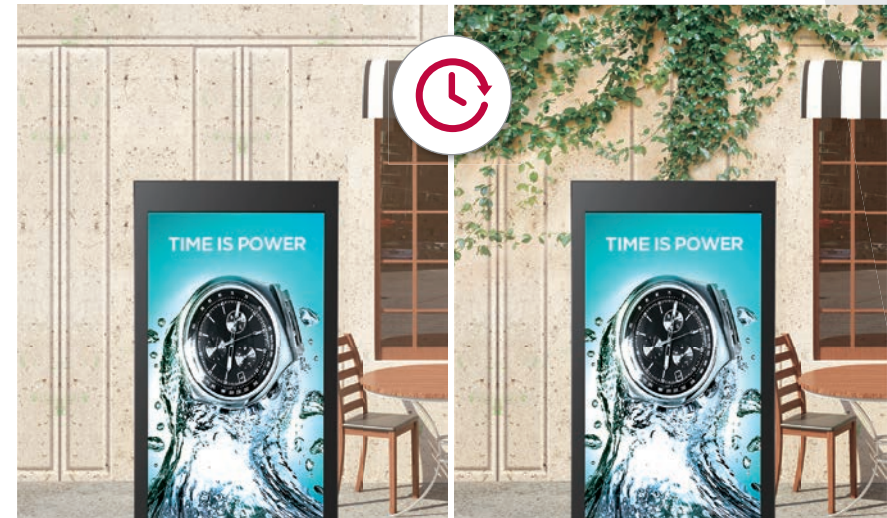## XF Series

High Performance

webOS Smart Platform

Quad Core SoC (System-on-Chip) can execute several tasks at the same time without a separate media player. In addition, webOS 3.0 platform enhances user convenience with intuitive UI and simple app develoment tools.

Simple Management   Embedded CMS

Built-in Player

Easy Customization
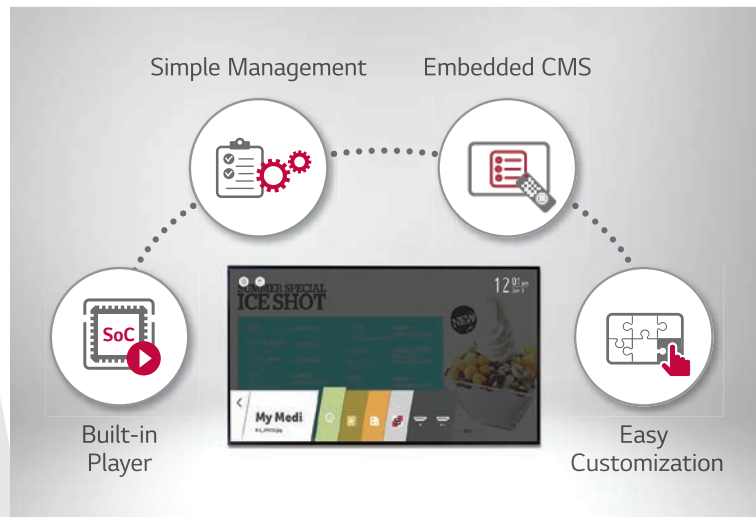
Smart Brightness Compensation

The built-in BLU sensor* constantly measures the brightness of the display and automatically compensates for reduced brightness during operation.

TIME IS POWER

TIME IS POWER

* Exclusive to the 75XF3ES model

Outstanding Visibility with Reliable Performance
XF Series

Easy Installation

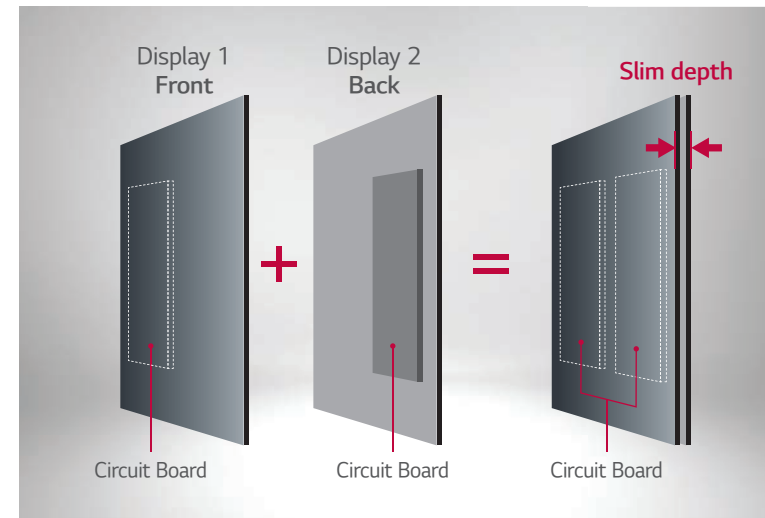### Slim Design

Thanks to its thin depth, the XF series takes up less space and leads to ease of installation for various applications.

107 mm (55")
105 mm (49")

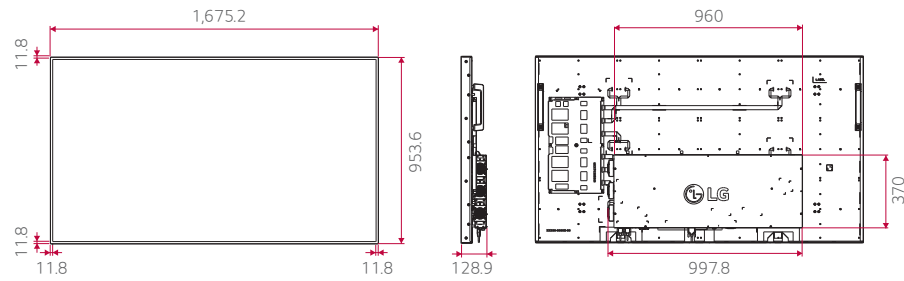### Optimized Design for Double-sided Display

For double-sided displays, the circuit board box at the back of the display is conveniently positioned* to conserve space with two back-to-back installations.
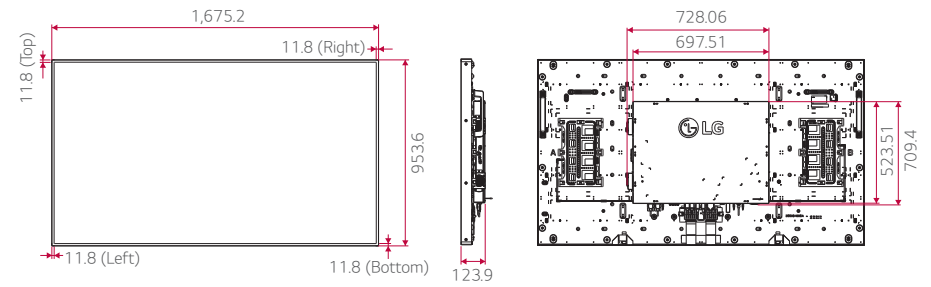
Display 1
Front

Display 2
Back

Slim depth

Circuit Board

Circuit Board

Circuit Board

* Exclusive to the 75XF3ES model

Dimension (Unit: mm)

75XF3ES

1,675.2
11.8
11.8
11.8
11.8
953.6
960
370
128.9
997.8

75XF3C

1,675.2
11.8 (Top)
11.8 (Right)
11.8 (Left)
11.8 (Bottom)
953.6
123.9
728.06
697.51
523.51
709.4

55XF3E

1,235.5
12 (Top)
9.9 (Right)
9.9 (Left)
12 (Bottom)
709.4
106.8
600
400

49XF3E

1,092.7
9 (Top)
6.5 (Right)
6.5 (Left)
9 (Bottom)
626.4
105
600
400

32XF1E

727.4
16.1 (Top)
10.9 (Right)
10.9 (Left)
23.2 (Bottom)
439.5
95
24.9
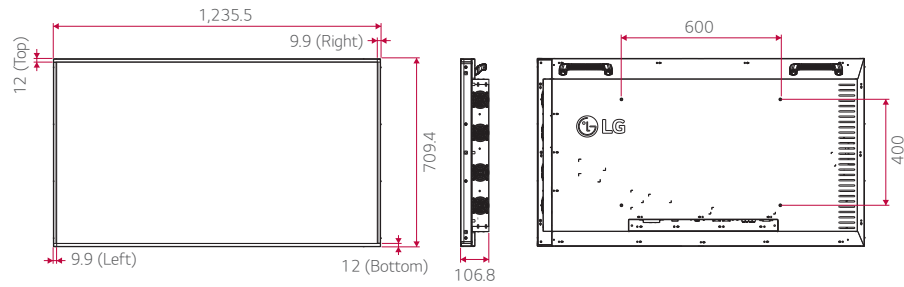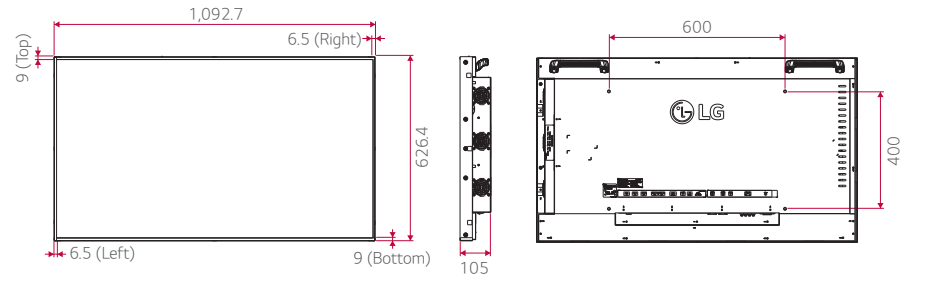
Connectivity
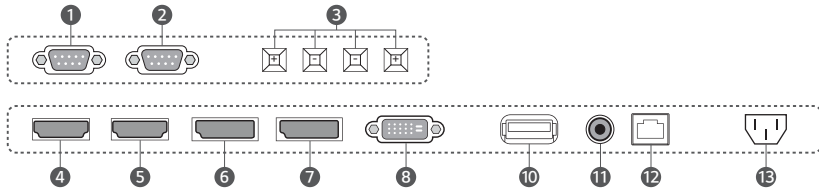
75XF3ES

75XF3C
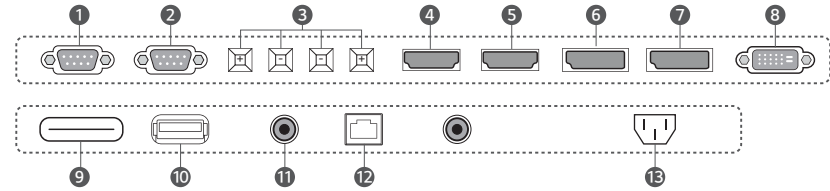
55XF3E
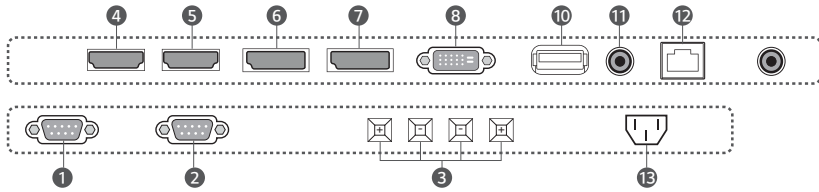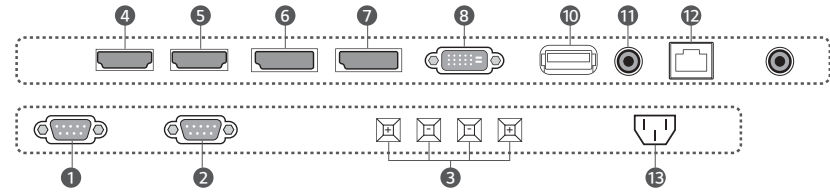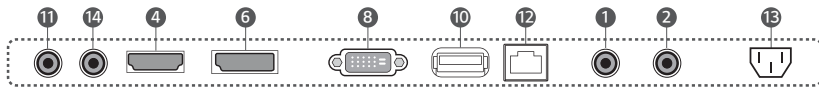
49XF3E

32XF1E

1 RS232C IN
2 RS232C OUT
3 SPEAKER OUT (8 Ω)
4 HDMI IN 1
5 HDMI IN 2

6 DP IN
7 DP OUT
8 DVI-D IN
9 SD CARD
10 USB IN

11 AUDIO IN
12 LAN
13 AC IN
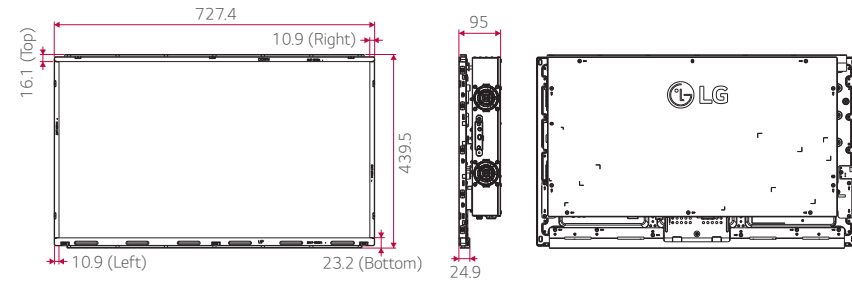14 AUDIO OUT

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

Specifications

		75XF3ES	75XF3C	55XF3E	49XF3E	32XF1E
PANEL	Screen Size	75" (74.52" Measured Diagonal)	75" (74.52" Measured Diagonal)	55" (54.64" Measured Diagonal)	49" (48.50" Measured Diagonal)	32" (31.55" Measured diagonal)
	Panel Technology	IPS, M+ (WRGB)	IPS, M+ (WRGB)	IPS, M+ (WRGB)	IPS, M+ (WRGB)	IPS, RGB
	Aspect Ratio	16 : 9	16 : 9	16 : 9	16 : 9	16 : 9
	Native Resolution	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)
	Brightness	3,000 cd/m² (Typ.), 2,800 cd/m² (Min)	3,000 cd/m² (Typ.), 2,400 cd/m² (Min.)	3,000 cd/m² (Typ.), 2,400 cd/m² (Min.)	3,000 cd/m² (Typ.), 2,400 cd/m² (Min.)	1,500 cd/m² (Typ.), 1,200 cd/m² (Min.)
	Contrast Ratio (Typ.)	1,200 : 1	1,200 : 1	1,000 : 1	1,300 : 1	1,300 : 1
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178	178 x 178	178 x 178
	Color Depth	1.07 Billion	1.07 Billion	16.7 Million	16.7 Million	16.7 Million
	Surface Treatment	Haze 3%, QWP	Haze 3%, QWP	Haze 3%, QWP	Haze 3%, QWP	Haze 1%
	Lifetime	50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs
	Operation Hours	24 Hrs	24 Hrs	24 Hrs	24 Hrs	24 Hrs
	Orientation	Landscape & Portrait	Landscape & Portrait	Landscape & Portrait	Landscape & Portrait	Landscape & Portrait
CONNECTIVITY	Input	HDMI (2), DP, DVI-D, Audio, USB	HDMI (2), DP, DVI-D, Audio, USB, SD Card	HDMI (2), DP, DVI-D, Audio, USB	HDMI (2), DP, DVI-D, Audio, USB	HDMI (1), DP, DVI-D, Audio, USB
	Output	DP, External Speaker	DP, External Speaker	DP, External Speaker	DP, External Speaker	Audio
	External Control	RS232C In/out, RJ45 In, IR	RS232C In/out, RJ45 In, IR	RS232C In/out, RJ45 In, IR	RS232C In/out, RJ45 In, IR	RS232C In/out, RJ45 In, IR
PHYSICAL SPECIFICATION	Bezel Color	Black	Black	Black	Black	Silver
	Bezel Width	11.8 mm (Even)	11.8 mm (Even)	12 mm (T/B), 9.9 mm (L/R)	9 mm (T/B), 6.5 mm (L/R)	16.1 mm (T), 23.2 mm (B), 10.9 mm (L/R)
	Monitor Dimension (W x H x D)	1,675.2 x 953.6 x 128.9 mm	1,675.2 x 953.6 x 123.9 mm	1,235.5 x 709.4 x 106.8 mm	1,092.7 x 626.4 x 105 mm	727.4 x 439.5 x 95 mm
	Weight (Head)	37.5 kg	36.7 kg	26.5 kg	21.5 kg	12.3 kg
	Carton Dimensions (W x H x D)	1,816 x 1,106 x 285 mm	1,816 x 1,106 x 285 mm	1,344 x 236 x 820 mm	1,195 x 196 x 760 mm	810 x 545 x 207 mm
	Packed Weight	47.0 kg	46.3 kg	32.25 kg	26.2 kg	13.5 kg
	VESA™ Standard Mount Interface	N/A	N/A	600 x 400 mm	600 x 400 mm	N/A
	Cooling Fan	Yes (×3)	Yes (×2)	Yes (×4)	Yes (×3)	Yes (×2)
SPECIAL FEATURES		→ Temperature Sensor, Cooling Fan, Auto Brightness Sensor, Energy Saving, Smart Energy Saving, Tile Mode (up to 15 x 15), Natural Mode@Tile Mode, Source Selection, Brightness/Contrast/Backlight, DPM Select, File Play with USB, Internal Memory (8GB, System 4GB + Available 4GB), Wi-Fi Dongle Ready			
ENVIRONMENT CONDITIONS	Operation Temperature[1]	0℃ to 50℃	0℃ to 50℃	0℃ to 50℃	0℃ to 50℃	0℃ to 50℃
	Operation Humidity	10% to 80%	10% to 85%	10% to 80%	10% to 80%	10% to 80%
POWER	Power Supply	100-240 V~, 50/60 Hz	100-240 V~, 50/60 Hz	100-240 V~, 50/60 Hz	100-240 V~, 50/60 Hz	100-240V~, 50/60Hz
	Power Type	Built-In Power	Built-In Power	Built-In Power	Built-In Power	Built-In Power
	Power Consumption — Typ./Max.	620 W / 700 W	660 W / 695 W	250 W / 300 W	250 W / 290 W	145 W / 175 W
	Power Consumption — Smart Energy Saving	350 W	320 W	120 W	120 W	75 W
SOUND	Speaker	20 W (10 W x 2) for External Speaker	20 W (10 W x 2) for External Speaker	20 W (10 W x 2) for External Speaker	20 W (10 W x 2) for External Speaker	N/A
STANDARD (CERTIFICATION)	Safety	IEC 60950-1 / EN 60950-1 / UL 60950-1	IEC 60950-1 / EN 60950-1 / UL 60950-1	IEC 60950-1 / EN 60950-1 / UL 60950-1	IEC 60950-1 / EN 60950-1 / UL 60950-1	IEC 60950-1 / EN 60950-1 / UL 60950-1
	EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC / VCCI	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC
SOFTWARE COMPATIBILITY[2]	Content Management Software	SuperSign CMS	SuperSign CMS	SuperSign CMS	SuperSign CMS	SuperSign CMS
	Control and Monitoring Software	SuperSign Control+ / Control	SuperSign Control+ / Control	SuperSign Control+ / Control	SuperSign Control+ / Control	SuperSign Control+ / Control
ACCESSORIES	Basic	Remote Controller, Power Cord, HDMI Cable, IR Extension Kit, Manual (ESG&EIG)	Remote Controller, Power Cord, HDMI Cable, IR Extension Kit, Manual (ESG&EIG)	Remote Controller, Power Cord, HDMI Cable, IR Extension Kit, Manual (ESG&EIG)	Remote Controller, Power Cord, HDMI Cable, IR Extension Kit, Manual (ESG&EIG)	Remote Controller, Power Cord, HDMI Cable, IR Extension Kit, Manual (ESG&EIG)
	Optional	Wi-Fi Dongle (AN-WF500)	Wi-Fi Dongle (AN-WF500)	Wi-Fi Dongle (AN-WF500)	Wi-Fi Dongle (AN-WF500)	Wi-Fi Dongle (AN-WF500)

1) Without direct sunlight or with cooling systems in direct sunlight   2) Software compatibility may change over time. Please contact LG sales representative for details.