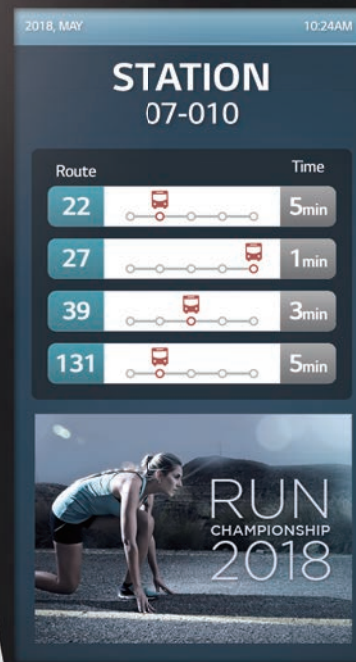


# Outstanding Visibility with Reliable Performance

## 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.



2018, MAY 10:24AM

### STATION 07-010

Route	Time
22	5min
27	1min
39	3min
131	5min

 RUN CHAMPIONSHIP 2018



# Outstanding Visibility with Reliable Performance

## XF Series

### Outstanding Visibility

#### High Brightness

With a great brightness of 3,000<sup>1</sup> cd/m<sup>2</sup>, XF series clearly deliver contents and attract public attention, which is the ultimate display for outdoor visibility.



1) 32XF1E: 1,500 cd/m<sup>2</sup>

#### Visible with Polarized Sunglasses

QWP (Quarter Wave Plate)<sup>1</sup> enables clear visibility even when the viewer is wearing polarized sunglasses.



1) 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.



Conventional

XF series

#### Smart 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.



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.



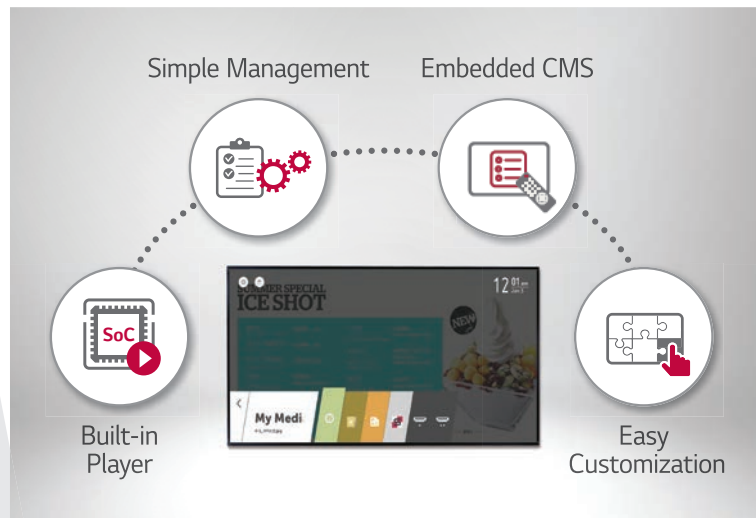
# Outstanding Visibility with Reliable Performance

## XF Series

### Easy Maintenance

#### 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 development tools.



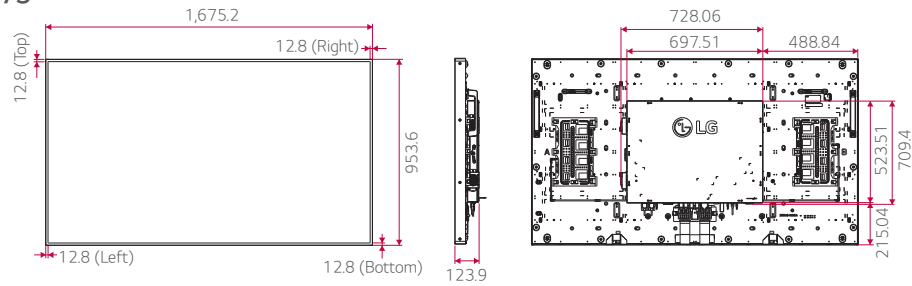
### Slim Design

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

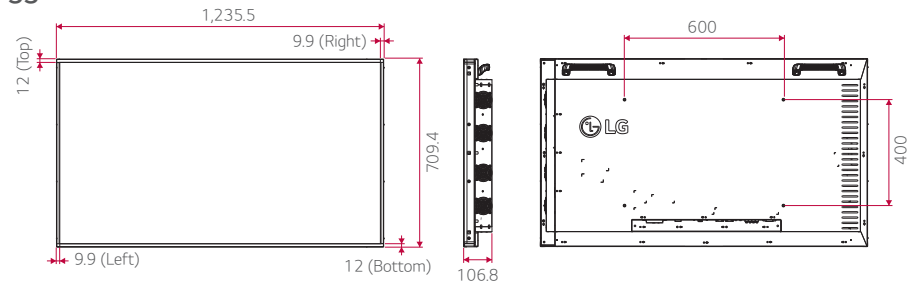


## Dimension

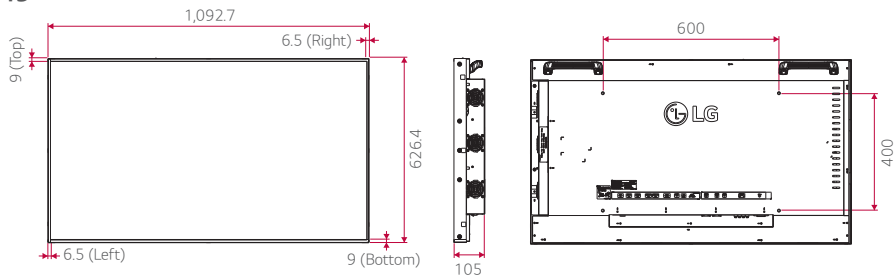
75"



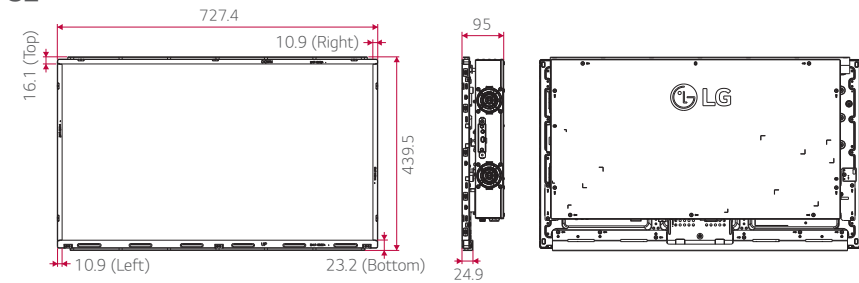
55"



49"

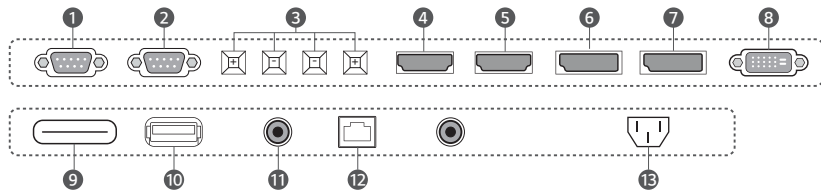


32"



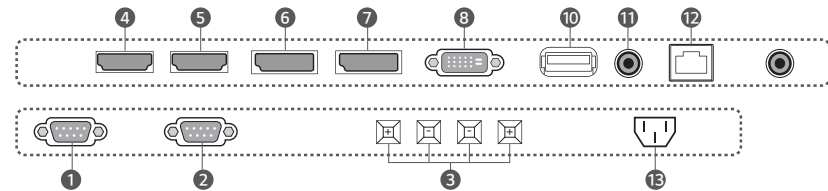
## Connectivity

75"

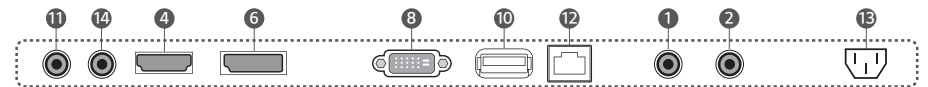


- |                     |            |              |
|---------------------|------------|--------------|
| 1 RS232C IN         | 6 DP IN    | 11 AUDIO IN  |
| 2 RS232C OUT        | 7 DP OUT   | 12 LAN       |
| 3 SPEAKER OUT (8 Ω) | 8 DVI-D IN | 13 AC IN     |
| 4 HDMI IN 1         | 9 SD CARD  | 14 AUDIO OUT |
| 5 HDMI IN 2         | 10 USB IN  |              |

55"/49"



32"



# Specifications

	75XF3C	55XF3E	49XF3E	32XF1E	
<b>PANEL</b>	Screen Size	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
	Aspect Ratio	16 : 9	16 : 9	16 : 9	16 : 9
	Native Resolution	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/m <sup>2</sup> (Typ.), 2,400 cd/m <sup>2</sup> (Min.)	3,000 cd/m <sup>2</sup> (Typ.), 2,400 cd/m <sup>2</sup> (Min.)	3,000 cd/m <sup>2</sup> (Typ.), 2,400 cd/m <sup>2</sup> (Min.)	1,500 cd/m <sup>2</sup> (Typ.), 1,200 cd/m <sup>2</sup> (Min.)
	Contrast Ratio (Typ.)	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
	Color Depth	10bit (Dethering)	16.7 Million	16.7 Million	16.7 Million
	Surface Treatment	AGLR (Haze 3%), QWP	AGLR (Haze 3%), QWP	AGLR (Haze 3%), QWP	Hard coating (2H), Anti-reflection Treatment of the Front Polarizer (Haze < 1%)
	Lifetime	50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs
Operation Hours	24 Hrs	24 Hrs	24 Hrs	24 Hrs	
Orientation	Landscape & Portrait	Landscape & Portrait	Landscape & Portrait	Landscape & Portrait	
<b>CONNECTIVITY</b>	Input	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	Audio
	External Control	RS232C In/out, RJ45 In, IR Receiver In	RS232C In/out, RJ45 In, IR Receiver In	RS232C In/out, RJ45 In, IR Receiver In	RS232C In/out, RJ45 In, IR In
<b>PHYSICAL SPECIFICATION</b>	Bezel Color	Black	Black	Black	Silver
	Bezel Width	12.8 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 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)	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	1,344 x 236 x 820 mm	1,195 x 196 x 760 mm	810 x 545 x 207 mm
	Packed Weight	46.3 kg	32.25 kg	26.2 kg	13.5 kg
VESA™ Standard Mount Interface	N/A	600 x 400 mm	600 x 400 mm	N/A	
<b>SPECIAL FEATURES</b>	webOS 3.0, 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				
<b>ENVIRONMENT CONDITIONS</b>	Operation Temperature <sup>1</sup>	0°C to 50°C	0°C to 50°C	0°C to 50°C	0°C to 50°C
	Operation Humidity	10% to 85%	10% to 80%	10% to 80%	10% to 80%
<b>POWER</b>	Power Supply	Built-In Power	Built-In Power	Built-In Power	Built-In Power
	Power Type	100-240 V~, 50/60 Hz	100-240 V~, 50/60 Hz	100-240 V~, 50/60 Hz	100-240V~, 50/60Hz
	Power Consumption Typ./Max	660 W / 695 W	250 W / 300 W	250 W / 290 W	145 W / 175 W
	Smart Energy Saving	320 W	120 W	120 W	75 W
<b>SOUND</b>	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
<b>STANDARD (CERTIFICATION)</b>	Safety	UL Recognized / CB	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 / VCCI	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC
<b>SOFTWARE COMPATIBILITY</b>	Content Management Software	SuperSign CMS	SuperSign CMS	SuperSign CMS	SuperSign CMS
	Control and Monitoring Software <sup>2</sup>	SuperSign Control	SuperSign Control+	SuperSign Control+	SuperSign Control+
<b>ACCESSORIES</b>	Basic	Remote Controller (2 Batteries Included), Power Cord, IR Extension Kit, HDMI Cable, Manual (ESG&EIG)	Remote Controller (2 Batteries Included), Power Cord, IR Extension Kit, HDMI Cable, Manual (ESG&EIG)	Remote Controller (2 Batteries Included), Power Cord, IR Extension Kit, HDMI Cable, Manual (ESG&EIG)	Remote Controller (2 Batteries Included), Power Cord, IR Extension Kit, HDMI Cable, Manual (ESG&EIG)
	Optional	Wi-Fi Dongle (AN-WF500) * Stand is not available	Wi-Fi Dongle (AN-WF500) * Stand is not available	Wi-Fi Dongle (AN-WF500) * Stand is not available	Wi-Fi Dongle (AN-WF500) * Stand is not available

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.



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Mobile App

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