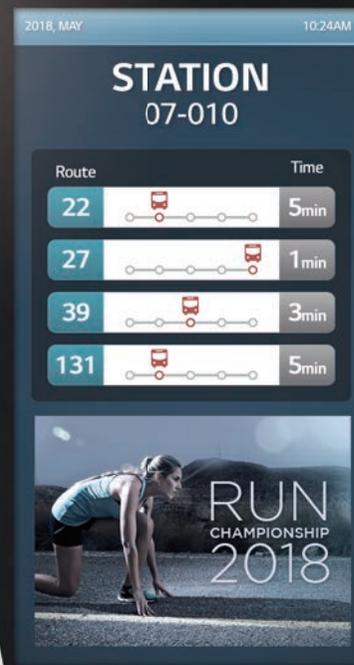# Outstanding Visibility with Reliable Performance

## 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.



**LG** | Business Solutions

# Outstanding Visibility with Reliable Performance
## XF Series

## Outstanding Visibility

### High Brightness

With a great brightness of 3,000[1] 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)[1] enables clear visibility even when the viewer is wearing polarized sunglasses.





1) 32XF1E: 1,500 cd/m²

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.

### 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.

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

## 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 develoment tools.
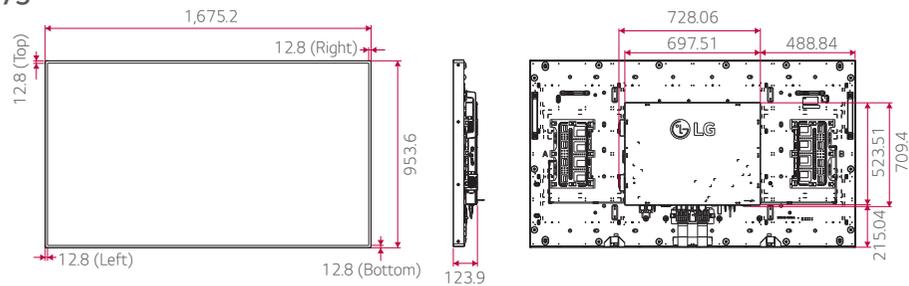


Simple Management    Embedded CMS

SoC

Built-in Player

Easy Customization
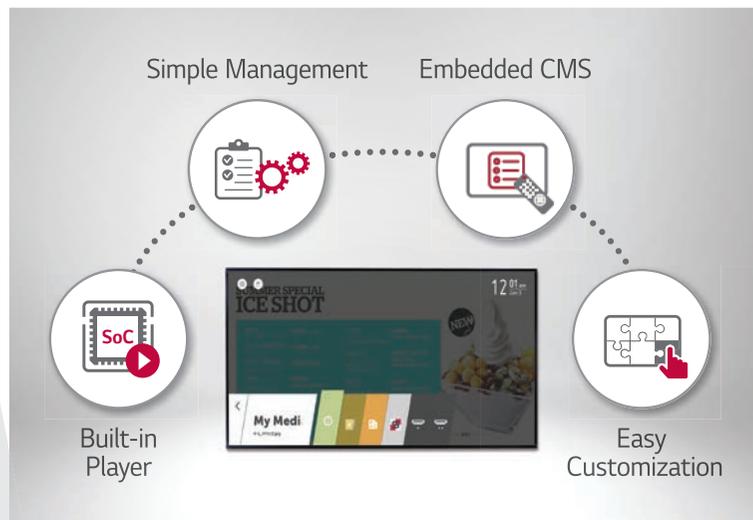
### Slim Design

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



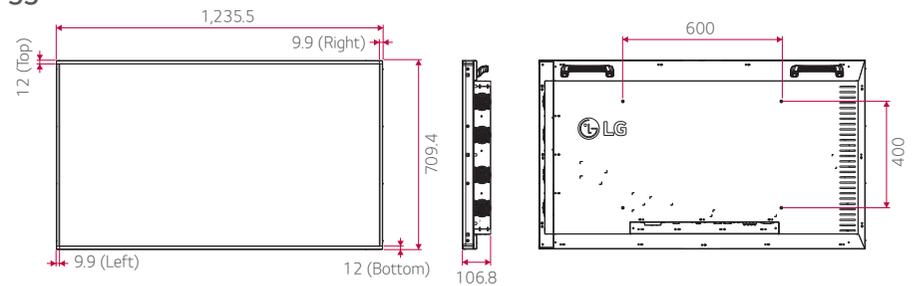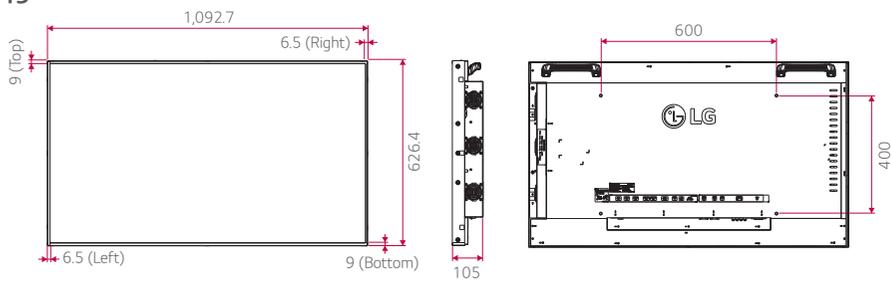Women's Accesory
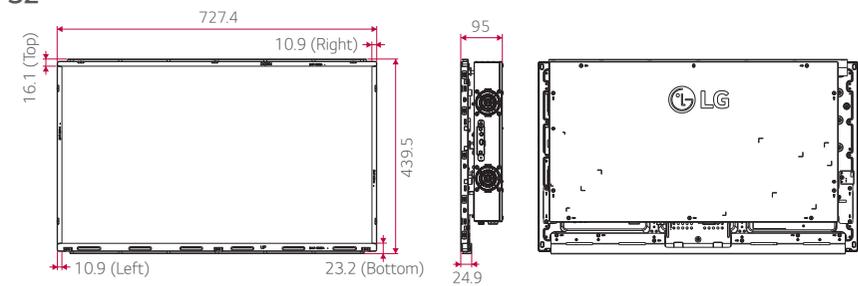
END OF SEASON
SALE

20% OFF STOREWIDE
UP TO 40% OFF
(FRI) 13~O (SUN) 15

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

# Dimension

## 75"



1,675.2
12.8 (Top)
12.8 (Right)
12.8 (Left)
12.8 (Bottom)
953.6
123.9
728.06
697.51
488.84
523.51
709.4
215.04

## 55"



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

## 49"



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

## 32"



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

# Connectivity

## 75"
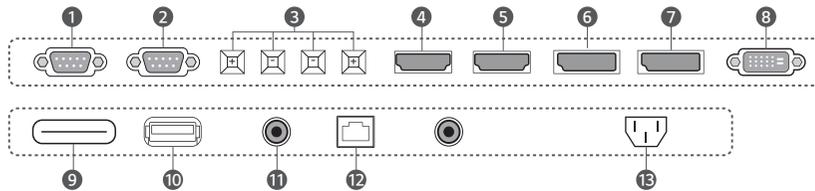


| ① | RS232C IN | ⑥ | DP IN | ⑪ | AUDIO IN |
|---|---|---|---|---|---|
| ② | RS232C OUT | ⑦ | DP OUT | ⑫ | LAN |
| ③ | SPEAKER OUT (8 Ω) | ⑧ | DVI-D IN | ⑬ | AC IN |
| ④ | HDMI IN 1 | ⑨ | SD CARD | ⑭ | AUDIO OUT |
| ⑤ | HDMI IN 2 | ⑩ | USB IN | | |

## 55"/49"



## 32"



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE
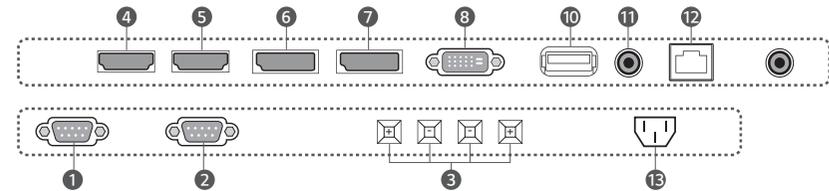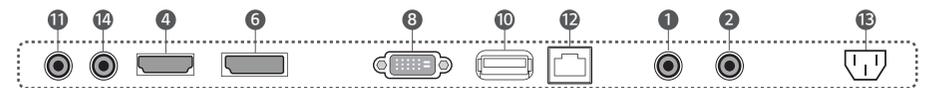
# Specifications

| | | 75XF3C | 55XF3E | 49XF3E | 32XF1E |
|---|---|---|---|---|---|
| **PANEL** | 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/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 | 1,000 : 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 |
| **CONNECTIVITY** | 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 |
| **PHYSICAL SPECIFICATION** | 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 |
| **SPECIAL FEATURES** | | 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 | | | |
| **ENVIRONMENT CONDITIONS** | Operation Temperature[1] | 0℃ to 50℃ | 0℃ to 50℃ | 0℃ to 50℃ | 0℃ to 50℃ |
| | Operation Humidity | 10% to 85% | 10% to 80% | 10% to 80% | 10% to 80% |
| **POWER** | 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 |
| | Power Consumption — Smart Energy Saving | 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 | N/A |
| **STANDARD (CERTIFICATION)** | 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 |
| **SOFTWARE COMPATIBILITY** | Content Management Software | SuperSign CMS | SuperSign CMS | SuperSign CMS | SuperSign CMS |
| | Control and Monitoring Software[2] | SuperSign Control | SuperSign Control+ | SuperSign Control+ | SuperSign Control+ |
| **ACCESSORIES** | 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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