

# Advanced Reliability with Enhanced Brightness

## Open-Frame XF3C Series



High Brightness XF3C is a new outdoor sign, that can be utilized as a digital menu board for a drive-thru and a digital banner for outdoor kiosks near stations or buildings. It guarantees stability when exposed to external high temperatures and effectively reduces costs with a space-saving design and low power consumption.



### Key Features

#### Product Reliability



#### High Operating Temperature

Its high reliability under high operating temperatures reduces the material costs of the enclosure.

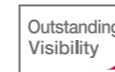


#### Dust & Humidity Protection

The conformal coating enhances circuit board reliability by protecting it from dust, iron shavings, humidity and other harsh conditions.



#### Outstanding Visibility



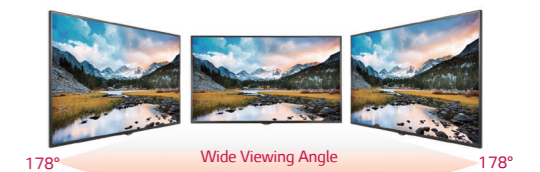
#### Increased Brightness

The brightness has been increased to 3,000 cd/m<sup>2</sup> compared to previous models, making the XF3C the ultimate screen for outdoor visibility.



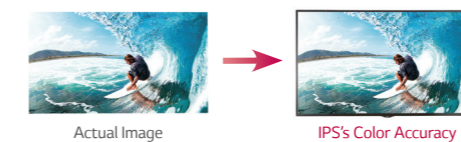
#### Wide Viewing Angle

IPS technology provides better control of the liquid crystals which allows the screen to be viewed from virtually any angle.



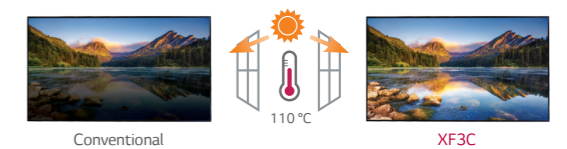
#### Color Accuracy

IPS technology displays accurate color for each pixel closest to the original image and reproduces the original color without distortion.



#### No Blackening Effect

Even under direct sunlight exposure, LG commercial monitors remain free of blackening defects under 110°C and provide superior quality for outdoor usage.



Download LG Commercial Display Mobile App



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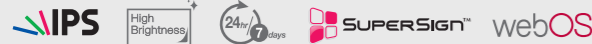
## Open-Frame XF3C Series



**Screen Size**  
75", 55", 49"

### XF3C Series

- Brightness : 3,000 cd/m<sup>2</sup> (Typ.)
- Life Time : 50,000 hours
- Bezel : 75" : 11.8 mm  
55" : 9.9 mm (L/R), 12 mm (T/B)  
49" : 6.5 mm (L/R), 9 mm (T/B)
- Depth : 123.9 mm (75"), 160 mm (55"), 105 mm (49")
- Interface : HDMI (2) / DP / DVI / RJ45 / IR / RS232C / IR / USB / External speaker out (L/R)



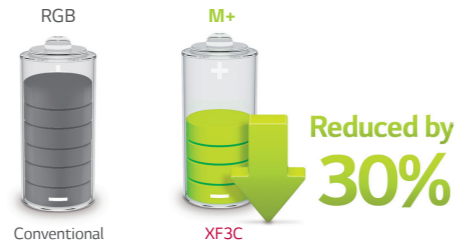
### Other Features

#### Cost Effective



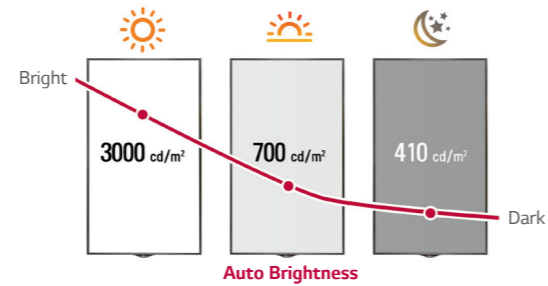
#### Low Power Consumption Using The M+ Panel

The M+ panel offers excellent energy efficiency and cost savings and decreases power consumption by 30% compared to conventional RGB panels.



#### Smart Brightness Control

The auto-brightness sensor and preset time scheduler save power whenever possible.

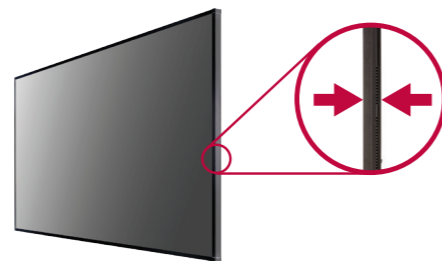


#### Space Management Efficiency



#### Slimmer Depth

The slimmer depth saves space for installation and makes the enclosure design slimmer.

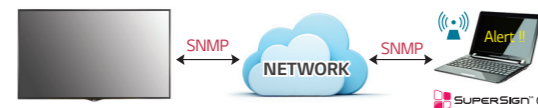


#### Easy Maintenance



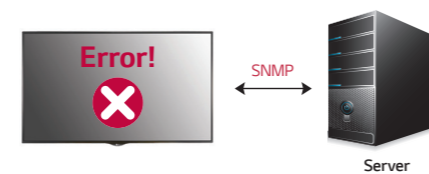
#### Real-Time Remote Monitoring

When an alarm occurs, an email notification is sent through the SNMP using the SuperSign C or SI software. In case a malfunction or error occurs, real-time remote care is available.



#### Saving System Log Files

The XF3C supports log file back-up for fault clarification when the display fails. This allows you to conveniently check when an error has occurred.

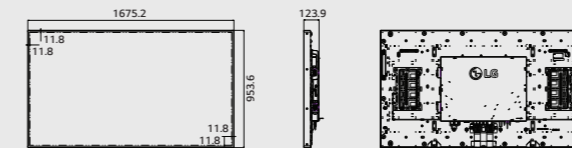


### Specifications

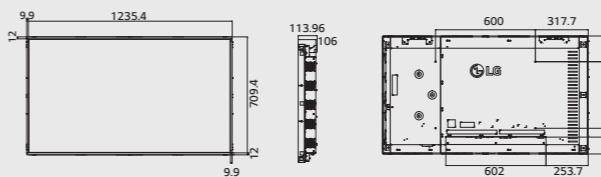
XF3C Series	75XF3C	55XF3C	49XF3C
Screen Size	75" Class (74.52" measured diagonally)	55" Class (54.64" measured diagonally)	49" Class (48.50" measured diagonally)
Panel Technology	M+ (WRGB)	M+ (WRGB)	M+ (WRGB)
Aspect Ratio	16 : 9	16 : 9	16 : 9
Native Resolution	3,840 x 2,160 (UHD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)
Brightness	2,400 cd/m <sup>2</sup> (Min), Typ. 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.)
Contrast Ratio	1200 : 1 (TBD)	1,000 : 1	1,000 : 1
Dynamic CR	500,000 : 1	500,000 : 1	500,000 : 1
Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178
Surface Treatment	3D AGLR (Haze 3%)	Hard coating (2H), Anti-Reflection Treatment of the Front Polarizer (Reflectance 1.5%)	Hard coating(2H), Anti-glare treatment of the front polarizer (Reflectance < 2%)
Life Time	50,000 hours	50,000 hours	50,000 hours
Orientation	Portrait & Landscape	Portrait & Landscape	Portrait & Landscape
Input	HDMI(2), DP, DVI-D, Audio, USB, IR Receiver, Pixel Sensor		
Output	DP, External Speaker Out (L/R)		
External Control	RS232C (In/Out), RJ45		
Bezel Width	12.8 mm (On bezel), 11.8 mm (Off bezel)	9.9 mm (L/R), 12 mm (T/B)	6.5 mm (L/R), 9 mm (T/B)
Monitor Dimension (W x H x D)	1,675.2 x 953.6 x 123.9 mm	1,235.4 x 709.4 x 106 mm	1,092.7 x 626.4 x 105 mm
Weight (Head)	36.7 kg	27 kg	22 kg
Carton Dimensions (W x H x D)	1,675.2 x 122.2 x 953.6 mm	1,336 x 241 x 810 mm	1,195 x 196 x 760 mm
Packed Weight	46.3 kg	32 kg	26.7 kg
VESA™ Standard Mount Interface	600 x 400 mm	600 x 400 mm	600 x 400 mm
SPECIAL FEATURES	Temperature Sensor, Auto Brightness Sensor, Easy Brightness Control, Cooling Fan, Tilt Mode (up to 15 x 15), Local Dimming (160 Block), Fail over, System Log File Save, Smart Energy Saving, Internal Memory		
ENVIRONMENTAL CONDITIONS	Operating Temperature Range 0°C to 50°C (w/o Direct Sunlight) 0°C to 40°C (Direct Sunlight)	0°C to 50°C (w/o Direct Sunlight) 0°C to 40°C (Direct Sunlight)	0°C to 50°C (w/o Direct Sunlight) 0°C to 40°C (Direct Sunlight)
Operating Humidity Range	10% to 80%	10% to 80%	10% to 80%
Power Supply	100-240 V~, 50/60 Hz	100-240 V~, 50/60 Hz	100-240 V~, 50/60 Hz
Power Type	Built-In Power	Built-In Power	Built-In Power
Power Consumption	Typ./Max 750 W / 750 W Smart Energy Saving TBD	230 W / 310 W 100 W	190 W / 250 W 85 W
STANDARD (CERTIFICATION)	Safety EMC	RU / CB scheme FCC Class "A" / CE / KCC	RU / CB scheme FCC Class "A" / CE / KCC
SOFTWARE COMPATIBILITY	webOS SuperSign W/Lite SuperSign C	webOS 3.0 Yes Yes	webOS 1.0 Yes Yes
ACCESSORIES	Remote Controller (2 batteries included), Power Cord, IR extension cable/PCB, HDMI Cable, Manual, IR BRKT (Only in 75")		
Optional Accessories	KT-SPO, AN-WF500 *Stand is not available	KT-SPO, AN-WF500 *Stand is not available	KT-SPO, AN-WF500 *Stand is not available

### Dimensions (unit : mm)

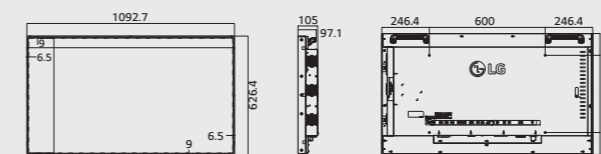
75" 1675.2 x 953.6 x 123.9 / 36.7 kg



55" 1235.4 x 709.4 x 106 / 27 kg



49" 1092.7 x 626.4 x 105 / 22 kg



### Connectivity

- ① USB IN
- ② DP IN
- ③ DP OUT
- ④ HDMI IN
- ⑤ DVI-D IN
- ⑥ AUDIO IN (PC)
- ⑦ LAN
- ⑧ PIXEL SENSOR
- ⑨ RS-232C IN
- ⑩ RS-232C OUT
- ⑪ EXT IR IN
- ⑫ SPEAKER OUT (8 Ω)
- ⑬ AC IN

