

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.

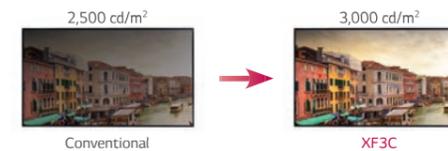


Outstanding Visibility



Increased Brightness

The brightness has been increased to 3,000 cd/m² 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.



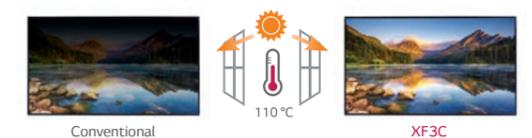
QWP (Quarter Wave Plate)

FPR (Film-type Patterned Retarder) technology is embedded with a QWP which enables clear visibility even when the viewer is wearing polarized sunglasses.



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



More info www.lg.com/b2b

YouTube youtube.com/c/LGCommercialDisplay

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Open Frame XF3C Series



Screen Size
75", 55", 49"

XF3C Series

- Brightness : 3,000 cd/m² (Typ.)
- Life Time : 50,000 hours
- Bezel : 75" : 12.8 mm (Even bezel)
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"), 106 mm (55"), 105 mm (49")
- Interface : HDMI (2) / DP / DVI / RJ45 / IR / RS232C / USB / External speaker out (L/R)



Other Features

Cost Effective



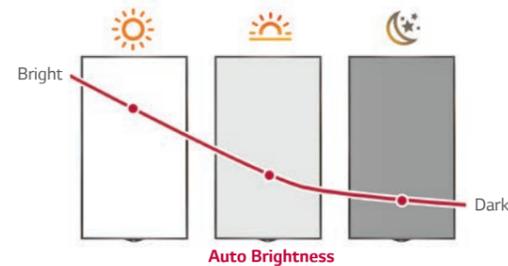
Low Power Consumption Using The M+ Panel

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.

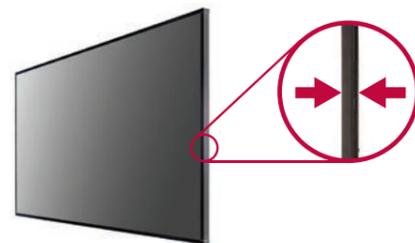


Space Management Efficiency



Slimmer Depth

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

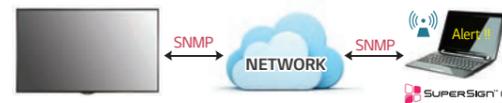


Easy Maintenance



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.

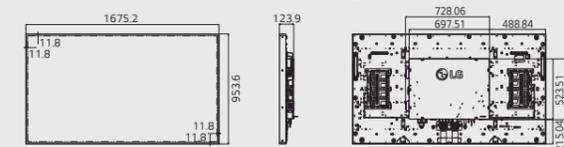


Specifications

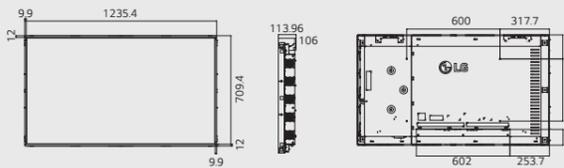
XF3C Series	75XF3C	55XF3C	49XF3C
Screen Size	75" Class (74.52" measured diagonally)	55" Class (54.64" measured diagonally)	49" Class (48.50" measured diagonally)
Panel Technology	M+ (WRGB)	M+ (WRGB)	M+ (WRGB)
Aspect Ratio	16 : 9	16 : 9	16 : 9
Native Resolution	3,840 x 2,160 (UHD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)
Brightness	3,000 cd/m ² (Typ.), 2,400 cd/m ² (Min.)	3,000 cd/m ² (Typ.), 2,400 cd/m ² (Min.)	3,000 cd/m ² (Typ.), 2,400 cd/m ² (Min.)
Contrast Ratio (Typ.)	1200 : 1	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	AGLR (Haze 3%), QWP	AGLR (Haze 3%), QWP	AGLR (Haze 3%), QWP
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, SD Card (75XF3C only)		
Output	DP, External Speaker Out (L/R)		
External Control	RS232C (In/Out), RJ45, IR Receiver, Pixel Sensor		
Bezel Width	12.8 mm (Even 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	28.5kg	22 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
Packed Weight	46.3 kg	33.7kg	26.7 kg
VESA™ Standard Mount Interface	N/A	600 x 400 mm	600 x 400 mm
SPECIAL FEATURES	Temperature Sensor, Auto Brightness Sensor, Cooling Fan, Tile Mode (up to 15 x 15), Natural mode@Tile mode, Source selection, Brightness/Contrast/Backlight, DPM select, Energy saving, Smart energy saving, File play with USB, Internal memory (System 4GB + Available 4GB), Wi-Fi dongle ready		
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 Typ./Max	660 W / 695 W	280 W / 295 W	230 W / 250 W
Consumption Smart Energy Saving	320 W	160 W	85 W
Safety	UL recognized / CB	UL recognized / CB	UL recognized / CB
EMC	FCC Class "A" / CE / KC / VCCI	FCC Class "A" / CE / KC / VCCI	FCC Class "A" / CE / KC / VCCI
webOS	webOS 3.0	webOS 1.0	webOS 1.0
Content Management Software	SuperSign Premium	SuperSign W	SuperSign W
Control and Monitoring Software	SuperSign C	SuperSign C	SuperSign C
Accessories	Remote Controller (2 batteries included), Power Cord, IR extension cable/PCB, HDMI Cable, Manual (ESG & EIG)		
Optional Accessories	KT-SP0, AN-WF500 *Stand is not available		

Dimensions (unit : mm)

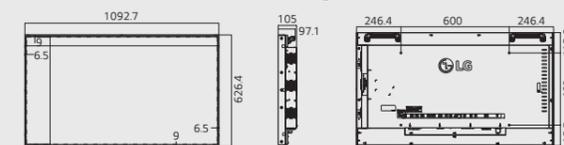
75" 1675.2 x 953.6 x 123.9 / 36.7 kg



55" 1235.4 x 709.4 x 106 / 28.5 kg



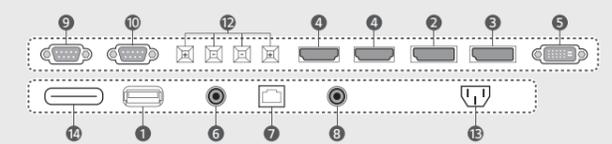
49" 1092.7 x 626.4 x 105 / 22 kg



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
- 14 SD CARD

75XF3C



55/49XF3C

