

# Advanced Reliability with Low Power Consumption

## Open Frame 55XF2B



High Brightness XF2B is a new outdoor signage, that can be utilized as a digital banner on outdoor kiosks near stations or buildings. It guarantees stability when exposed to external high temperatures and effectively reduces costs with a space-efficient design and low power consumption.

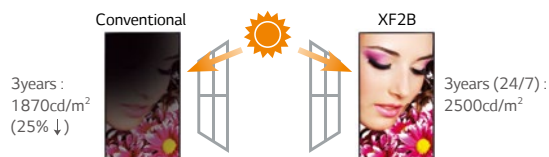
### Key Features

#### Product Reliability



#### High brightness Reliability

Over time, the brightness decreases depending on operating time. However, the LG XF2B sustains its brightness for a long time.



#### Dust & Humidity Protection

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



#### Cost Effectiveness



#### Low Power Consumption by M+

It has excellent energy-efficiency and cost-savings with the M+ panel, which decreases power consumption by 31% compared to the RGB panel.



#### Cost Effective Housing

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

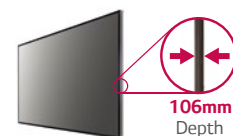


#### Space Management Efficiency



#### Slimmer Depth

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



#### Easy Maintenance



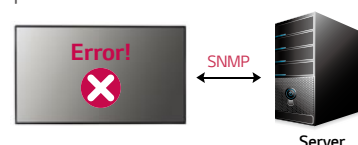
#### Real-Time Remote Monitoring

When an alarm occurs, an e-mail notification is sent using SuperSign C or SI SW through the SNMP Protocol. In case of malfunctions or errors, real-time remote care is available.



#### Saving System Log Files

Supports log file backup for fault clarification when the enclosure fails. It is convenient for the user to check the log file history for proof when enclosure errors occur.



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## Screen Sizes

55"

## 55XF2B

- Brightness : 2,250cd/m<sup>2</sup>(Min) ~ 2,700cd/m<sup>2</sup>(Max)
- Bezel : 9.9mm (L/R), 12mm (T/B)
- Depth : 106mm
- Operating Temp. : 0°C ~ 50°C
- Interface : HDMI / DVI / RGB / RJ45 / IR / Daisy-Chain (DP, RS232C)



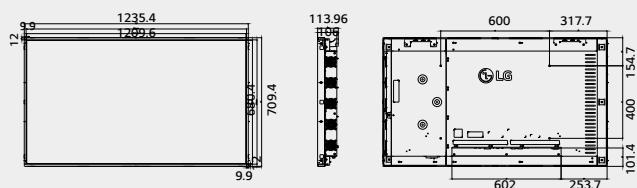
## Specifications

	55XF2B
PANEL	Screen Size
	55" Class (54.64" measured diagonal)
	Panel Technology
	IPS
	Aspect Ratio
	16 : 9
	Native Resolution
CONNECTIVITY	1,920 x 1,080 (FHD)
	Brightness
	Max: 2700cd/m <sup>2</sup> , Min: 2250cd/m <sup>2</sup> , Sustainability of brightness: 30,000 Hrs
	Contrast Ratio
	500,000:1
	Viewing Angle (H x V)
	178 x 178
PHYSICAL SPECIFICATION	Surface Treatment
	Hard coating (2H), Anti-Reflection Treatment of the Front Polarizer (Reflectance 1.5%)
	Orientation
	Portrait & Landscape
	Input
	HDMI(2), DP, DVI-D, Audio, USB
	Output
SPECIAL FEATURES	DP, External Speaker Out (L/R)
	External Control
	RS232C (In/Out), RJ45, IR Receiver, Pixel Sensor
	Bezel Width
	9.9mm (L/R), 12mm (T/B)
	Monitor Dimension (W x H x D)
	1235.4 x 709.4 x 106 mm
ENVIRONMENTAL CONDITIONS	Weight (Head)
	27kg
	Carton Dimensions (W x H x D)
	1336 x 241 x 810mm
POWER	Packed Weight
	32kg
	VESA™ Standard Mount Interface
	600 x 400
STANDARD (CERTIFICATION)	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
	Operating Temperature Range
	0 °C to 50 °C
	Operating Humidity Range
SOFTWARE COMPATIBILITY	10 % to 80 %
	Power Supply
	100~240V~, 50/60Hz
	Power Type
ACCESSORY	Built-In Power
	Power Consumption Typ./Max
	230W / 340W
	Smart Energy Saving
	100 W
STANDARD (CERTIFICATION)	Safety
	RU / CB scheme
	EMC
	FCC Class "A" / CE / KCC
SOFTWARE COMPATIBILITY	SuperSign-w lite
	Yes
	SuperSign-c
	Yes
ACCESSORY	Accessory
	Remote Controller (including battery 2ea), Power Cord, IR extension cable/PCB, CD (Owner's Manual), HDMI Cable, Manual, Handle, Screw
	AN-WF500, KT-SPO
	** Stand is not available

## Dimension (unit : mm)

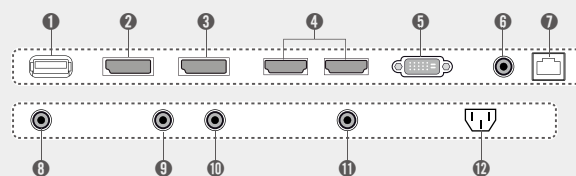
55"

1235.4 x 709.4 x 106 /  
27kg



## Connectivity

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



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