

Low Noise and Energy Consumption with Enhanced Brightness Window-Facing Display XS2B



LG's new high brightness display, the XS2B is able to be installed inside the windows of retail shops in streets. Its low power consumption through M+ panel and fan-less noise reduction make it efficient exceedingly.



Key Features

Outstanding Visibility



Increased Brightness

The brightness has been increased to 2,500 cd/m² compared to the previous WX30 model, making the XS2B the ultimate screen for outdoor visibility.



Advanced Local Dimming

The backlighting in specific areas of the screen can be controlled to increase contrast and provide a clearer image.

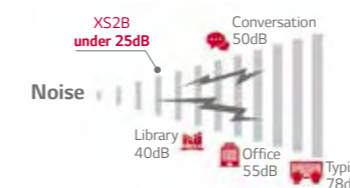


Quiet Operation



Fan-less Noise Reduction

The XS2B is a perfect choice for in-window environment by removing cooling fan. Its noise level is under 25dB which runs as quietly as a recording studio (30dB).

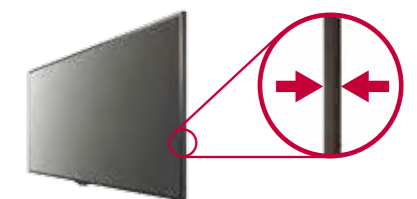


Enhanced Design Configuration



Slimmer Depth

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



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Low Noise and Energy Consumption with Enhanced Brightness

Window-Facing Display XS2B



Screen Size
55", 49"

55XS2B

- Brightness : 2,500cd/m² (Typ)
- Life Time : 50,000 Hours
- Bezel : 55" : 11.4mm(L/R), 13.5mm(T/B)
49" : 6.5mm(L/R), 9mm(T/B)
- Depth : 55" : 89mm
49" : 83.5mm
- Noise Level : Under 25dB
- Operation Temperature : 0 ~ 45°C (w/o Direct Sunlight),
0 ~ 35°C (Direct Sunlight)
- Interface : HDMI / DVI-D / RJ45 / IR / Daisy-Chain (DP, RS232C)



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.



Product Reliability



Dust & Humidity Protection

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



High Operating Temperature

The panel offers superb reliability under high operating temperatures and reduces cooling fan usage.

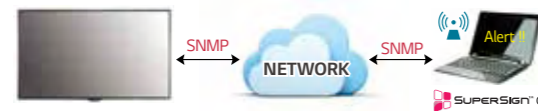


Easy Maintenance



Real-Time Remote Monitoring

When an alarm occurs, an e-mail 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 XS2B supports log file back-up for fault clarification when the display fails. This allows you to conveniently check when an error has occurred.



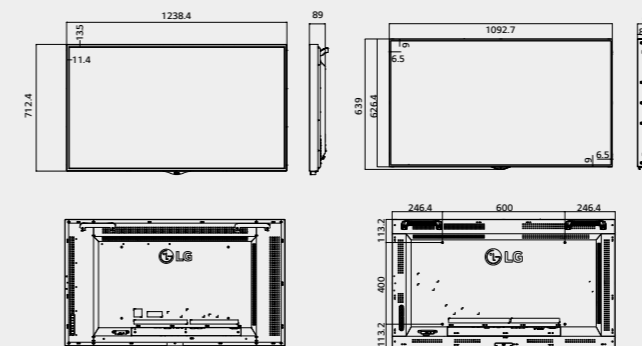
Specifications

XS2B Series	55XS2B	49XS2B
PANEL		
Screen Size	55"	49"
Panel Technology	IPS	IPS
Aspect Ratio	16 : 9	16 : 9
Native Resolution	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)
Brightness	2,750cd/m ² (Max), 2,250cd/m ² (Min), 2,500cd/m ² (Typ.)	2,750cd/m ² (Max), 2,250cd/m ² (Min), 2,500cd/m ² (Typ.)
Contrast Ratio	1,000:1	1,000:1
Dynamic CR	500,000:1	500,000:1
Viewing Angle (H x V)	178 x 178	178 x 178
Surface Treatment	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 Hrs	50,000 Hrs
Orientation	Portrait & Landscape	Portrait & Landscape
CONNECTIVITY		
Input	HDMI(2), DP, DVI-D, Audio, USB, IR Receiver, Pixel Sensor	HDMI(2), DP, DVI-D, Audio, USB, IR Receiver, Pixel Sensor
Output	DP, External Speaker Out (L/R)	DP, External Speaker Out (L/R)
External Control	RS232C (In/Out), RJ45	RS232C (In/Out), RJ45
Bezel Color	Black	Black
Bezel Width	11.4mm (L/R), 13.5mm (T/B)	6.5mm (L/R), 9mm (T/B)
PHYSICAL SPECIFICATION		
Monitor Dimension (W x H x D)	1,238.4 x 712.4 x 89mm	1,092.7 x 626.4 x 83.5mm
Weight (Head)	25.6kg	21.2kg
Carton Dimensions (W x H x D)	1,366 x 228 x 800mm	1,194 x 175 x 760mm
Packed Weight	30.7kg	25.7kg
VESA™ Standard Mount Interface	600 x 400mm	600 x 400mm
SPECIAL FEATURES	Temperature Sensor, Auto Brightness sensor, Tile Mode, Natural Mode @Tile Mode, Source Selection, Brightness/Contrast/Backlight	
ENVIRONMENT CONDITIONS		
Operation Temperature Range	0 °C to 45 °C (w/o Direct Sunlight) 0 °C to 35 °C (Direct Sunlight)	0 °C to 45 °C (w/o Direct Sunlight) 0 °C to 35 °C (Direct Sunlight)
Operation Humidity Range	10 % to 80 %	10 % to 80 %
POWER		
Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz
Power Type	Built-In Power	Built-In Power
Power Consumption	Typ./Max 100W / 260W	190W / 210W
Smart Energy Saving	85W	85W
STANDARD (CERTIFICATION)		
Safety	RU / CB scheme	RU / CB scheme
EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KCC
SOFTWARE COMPATIBILITY		
SuperSign W/Lite	Yes	Yes
SuperSign C	Yes	Yes
ACCESSORY		
Accessory	Remote Controller (2 batteries included), Power Cord, HDMI Cable, Manual (ES&EIG)	Remote Controller (2 batteries included), Power Cord, HDMI Cable, Manual (ES&EIG)
Optional Accessory	LSW630(Wall Mount), KT-SPO, AN-WF500 ** Stand is not available	WM-L640V, WM-P640V(Wall Mount), KT-SPO, AN-WF500 ** Stand is not available

Dimension (unit : mm)

55"
1,238.4 x 712.4 x 89 /
25.6kg

49"
1,092.7 x 626.4 x 83.5 /
21.2kg



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 (8Ω) R/L
- 13 AC IN

