

Specifications

XE3C Series		75XE3C	55XE3C
PANEL	Screen Size	75" Class	55" Class (54.64" measured diagonal)
	Panel Technology	IPS	IPS
	Aspect Ratio	16:9	16:9
	Native Resolution	3,840 x 2,160 (UHD), M+	1,920 x 1,080 (FHD), M+
	Brightness	3,000cd/m ² (Typ.) 2,400cd/m ² (min) through front protective glass	3,000cd/m ² (Typ.) 2,400cd/m ² (min) through front protective glass
	Contrast Ratio	1,200:1	1,000:1
	Viewing Angle (H x V)	178 x 178	178 x 178
	Response Time	8 ms (Typ.) (G to G BW)	9 ms (Typ.) (G to G BW)
	Surface Treatment	Hard coating (2H), Anti-glare treatment of the front polarizer (Haze 3% (Typ.))	Hard coating (2H), Anti-reflection treatment of the front polarizer (Reflectance 1.5%)
	QWP Polarizer (FPR Film)	Yes	Yes
	Local dimming	48 Block	160 Block
Orientation	Portrait only	Portrait & Landscape	
CONNECTIVITY	Input	HDMI, DP, DVI-D, Audio	
	Output	DP, External Speaker (*waterproof speakers are mandatory for outdoor installation)	
	External Control	RS232C, RJ45, SD Card, USB 3.0	
PHYSICAL SPECIFICATION	Front glass	9.5 mm (AR, Front Safety Vandal Glass)	7.5 mm (AR, Front Safety Vandal Glass)
	Bezel Color	Medium Texture Black (Common color)	Medium Texture Black (Common color)
	Bezel Width	110 mm (T), 230 mm (B), 73.3.0 mm (L/R)	66.4 mm (T/B), 31.0 mm (L/R)
	Monitor Dimension (W x H x D)	1,075.6 x 1,991.6 x 218.9 mm	745.3 x 1,345.4 x 160.0 mm
	Weight (Head)	180 kg	70 kg
	Monitor with Optional Stand Dimensions (W x H x D)	1,075.6 x 2,361.6 x 218.9 mm	745 x 542 x 420 mm (option)
	Weight (Head+Stand)	240 kg	100.5 kg
	Packing Dimensions (W x H x D)	1,308 x 2,296 x 468 mm	1,027 x 1,491 x 309 mm
	Packed Weight	15 kg (TBD)	EPS Packing + Cartoon Box
	Handle	Option (I-Bolt)	Option (I-Bolt)
SPECIAL FEATURES	Temperature Sensor, Tile Mode, Natural Mode@Tile Mode, Auto-Brightness Sensor, Pixel Sensor, Cooling Fan, ISM Method, DPM Select, Energy Saving, Smart Energy Saving, File Play with USB, Internal Memory (8 GB), Easy Brightness Control, Content Scheduling, Fail over, DP daisy chain		
	Operation Temperature	-30 °C to 50 °C	-30 °C to 50 °C
ENVIRONMENT CONDITIONS	Operation Humidity	5 % to 100 %	5 % to 100 %
	Direct Sunlight	Yes	Yes
	Dust / Water Proofing	IP 56	IP 56
POWER	Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Type	Built-In Power	Built-In Power
	Power Consumption	Typ./ Max Smart Energy Saving	700 W / 1,000 W 350 W
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB	UL / cUL / CB
	EMC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC
	ErP / Energy Star	No / No	No / No
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible	No	No
	External Media player Attachable	No	No
SOFTWARE COMPATIBILITY	Content Management Software	SuperSign Premium	SuperSign Premium
	Control and Monitoring Software	SuperSign C	SuperSign C
ACCESSORIES	Basic	Remote controller, EIG, ESG, Regulation book, Phone to RS232C gender, USB cable, HDMI cable	Remote controller, EIG, ESG, Regulation book, Phone to RS232C gender, USB cable, HDMI cable
	Optional	Media player (driven by customer), Enclosure Stand (ST-750X)	Media player (driven by customer), Enclosure Stand (ST-550X)

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Outstanding Visibility with Advanced Reliability

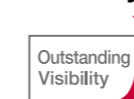
Outdoor display 75/55XE3C



The 75/55XE3C provides excellent durability and vivid image quality even under direct sunlight. This outdoor display boasts strong visibility and reliability with clear picture quality and accurate information delivery even under extreme changes in the environment. It also offers excellent efficiency, combining economic power consumption with simple installation and management.

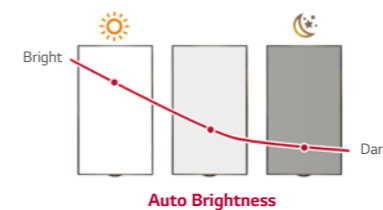
Key Features

Outstanding Visibility



Smart Brightness Control

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



Advanced Local Dimming

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

*55XE3C: 160 Blocks



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.

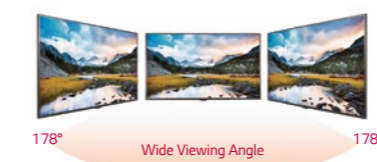


Advanced IPS Technology



Wide Viewing Angle

IPS technology provides better control of the liquid crystals, which in turn allows the screen to be viewed at virtually any angle.



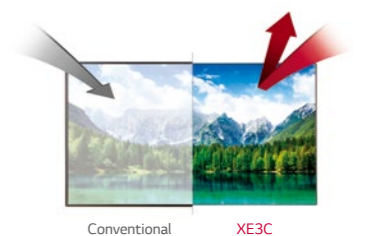
No Blackening Effect

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



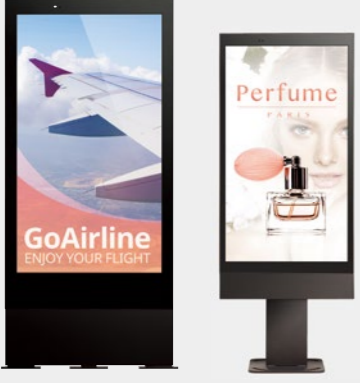
Anti-reflection

Less interference between reflection of external light & back light thanks to anti-reflection coating.



Outstanding Visibility with Advanced Reliability

Outdoor display 75/55XE3C



Screen Size
75", 55"

75/55XE3C

- Brightness : 3,000 cd/m²
- Operating Temperature : -30°C to 50 °C
- Bezel : 75" - Top 110 mm, Bottom 230 mm, Left / Right 73.3 mm
55" - Top / Bottom 66.4 mm, Left / Right 31.0 mm
- Depth : 75" 218.9 mm, 55" 160 mm
- Interface : HDMI / DP / DVI / RJ45 / IR / RS232C / USB3.0 / External speaker out

IPS High Brightness 24hr/7days SUPERSIGN™ webOS 3.0

Other Features

Product Reliability



Dust & Humidity Protection Designed with IP56 Rating

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



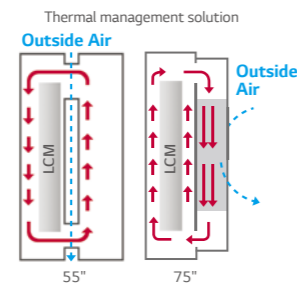
High Operating Temperature

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



Enhanced Thermal Management

Environmentally sealed structure for waterproofing and protection against brake dust and fumes. Thermal management solution prevents heating from the LCD, Circuit / Power board and Solar loading. Totally self-contained and suitable for outdoor use without air filter.



9.5 mm Protective Glass

Designed to protect panel from impacts and vandalism for outdoor use. Features OCA* film to protect against heating in direct sunlight.



* Optically Clear Adhesive
**75XE3C standard (55XE3C has 7.5 mm protective glass)

Cost Effective



Low Power Consumption Using The M+ Panel

The M+ panel offers excellent energy efficiency and cost savings and decreases power consumption by approx. 31% compared to conventional RGB panels*.

* With same luminance

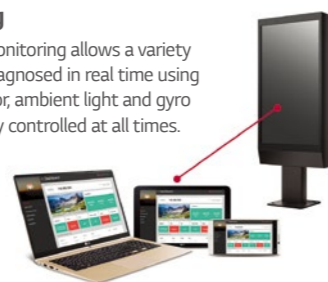


Easy Operation



Web Monitoring

The embedded web monitoring allows a variety of parameters to be diagnosed in real time using temperature, pixel, door, ambient light and gyro sensors. It can be easily controlled at all times.



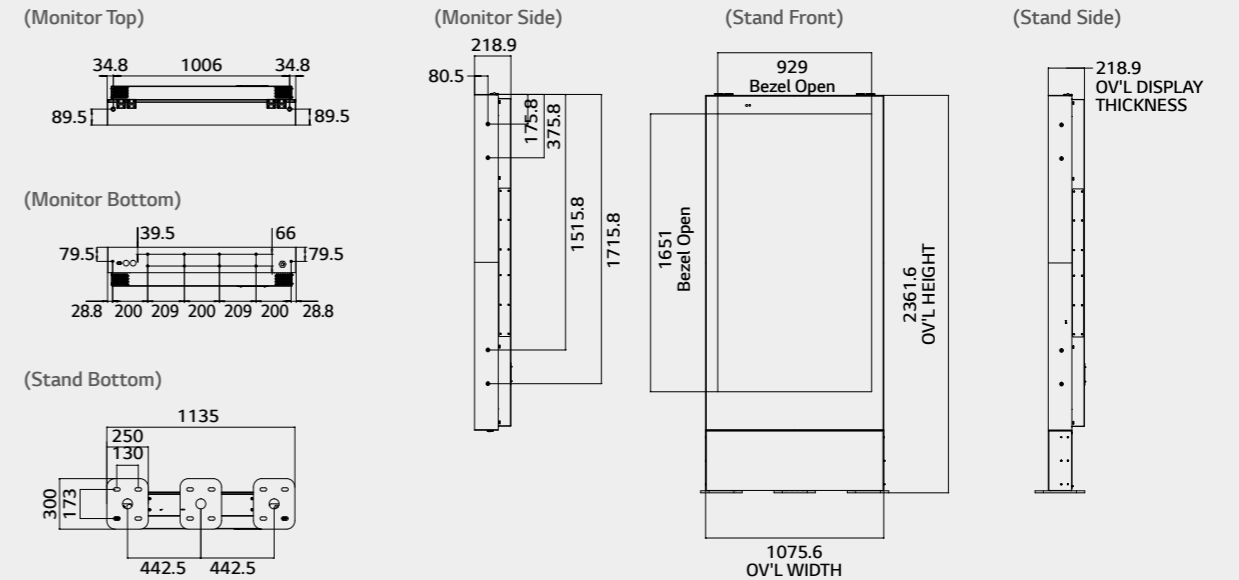
Optional Stand

Optional stand to allow panel to stand freely and facilitate easy cable management.



Dimensions (unit : mm)

75"



55"

