75XE3C / 55XE3C / 49XEB3E

Outstanding Visiblity with High Reliability

XE Series

The XE series provides the optimal solution to satisfy the high demand for accurate information. With superior picture quality and excellent durability, this outdoor display delivers eye-catching content to captivate customers even under direct sunlight or extreme changes in the environment.

LG Business Solutions

Outstanding Visiblity with High Reliability

XE Series

Outstanding Visibility

High Brightness

With a powerful brightness of 3,000 cd/m^2 and wide viewing angles, the XE series delivers content clearly and catches the attention of viewers no matter where they are, making it the ultimate display for outdoor visibility.

Visible with Polarized Sunglasses

QWP* technology enables clear visibility even when the viewer is wearing polarized sunglasses.

* Quarter Wave Plate

Outstanding Visiblity with High Reliability

XE Series

Outstanding Visibility

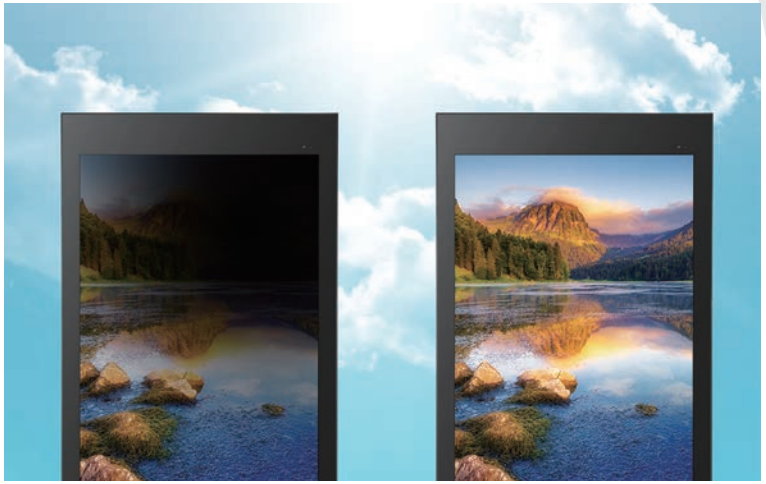
Smart Brightness Control

The screen brightness is automatically adjusted depending on the ambient light. The brightness is increased in daylight for better visibility, and it is decreased in darker environments for efficient power management.

Auto Brightness

No Blackening

Even under direct sunlight exposure, the open frame XE series remains free from blackening defects in temperatures below 230°F / 110°C, providing superior quality for outdoor usage.



Conventional XE series

Outstanding Visiblity with High Reliability

XE Series

Outdoor Reliability

Secured Protection with IP56 Design

The XE series is sealed with IP56 rated design for reliable operation. It's designed to be not only water resistant but also resistant against the damaging effects of the sun, rain, snow, dust and wind, an essential feature for outdoor application.

Conformal Coating

The product can be often unavoidably exposed to dust and water during maintenance. Conformal coating on every major circuit board protects against dust, iron powder, humidity, etc.

Outstanding Visiblity with High Reliability

XE Series

Outdoor Reliability

Electrical Safety

An electrical circuit breaker and surge suppressor are integrated inside ensuring absolute protection from overcurrent short circuits, and unwanted voltages. This helps prevent equipment damage and safety hazards in the future.

Protective Glass

Tempered and laminated front glass ensures protection, from outdoor extremities allowing minimal damage from external impacts.

Conventional XE series

* Addtional accessory is needed for 49”

Outstanding Visiblity with High Reliability

XE Series

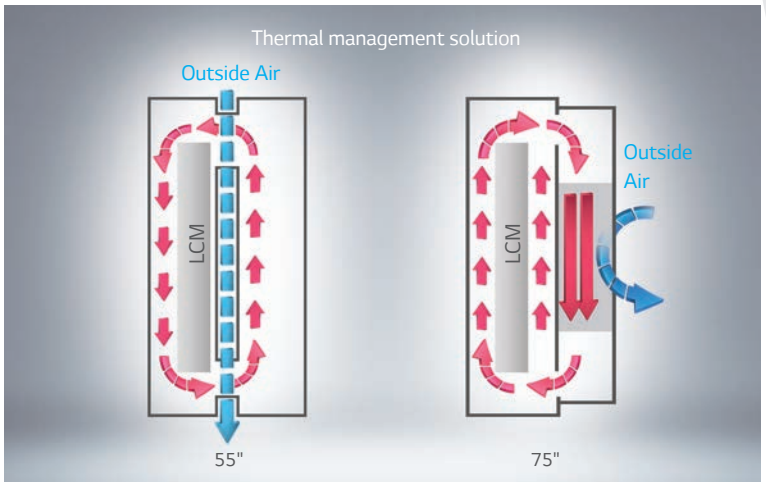
Outdoor Reliability

Wide Range of Operating Temperatures

The panel offers superb reliablity under a wide range of operating temperatures, so the XE series requires fewer constraints for outdoor installation.

Enhanced Thermal Management

The patented thermal management technology efficiently cools down the heat generated from every part of the product, preventing outside air from entering.



* Exclusive on 75"/55"

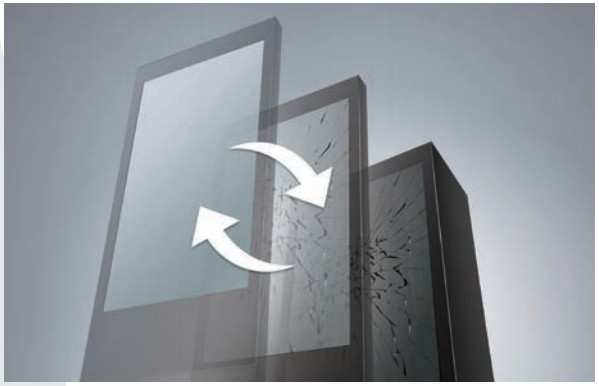
Outstanding Visiblity with High Reliability

XE Series

Easy Management

Replaceable Front Glass

In case of outdoor accidents or vandalism, the protective glass of 49XEB3E can be detached from its main body which allows for an instant replacement on site.

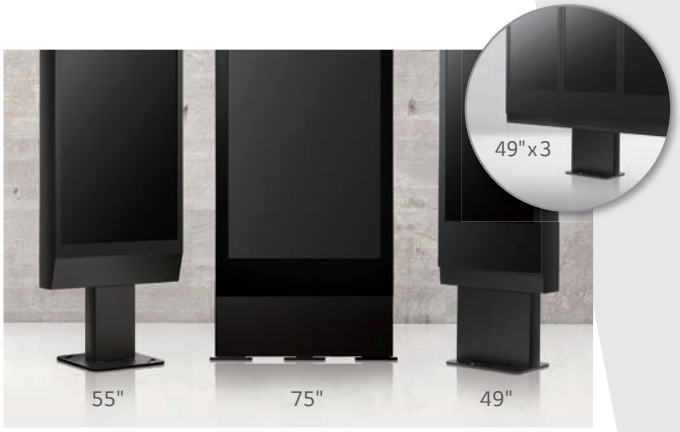


Web Monitoring

The LG Control Manager is an embedded web monitoring program that allows a variety of parameters to be diagnosed in real time such as temperature, pixel status, door status, ambient light, filter*, and gyro sensors. The LG Control Manager can be easily monitored at all times.

Optional Configuration

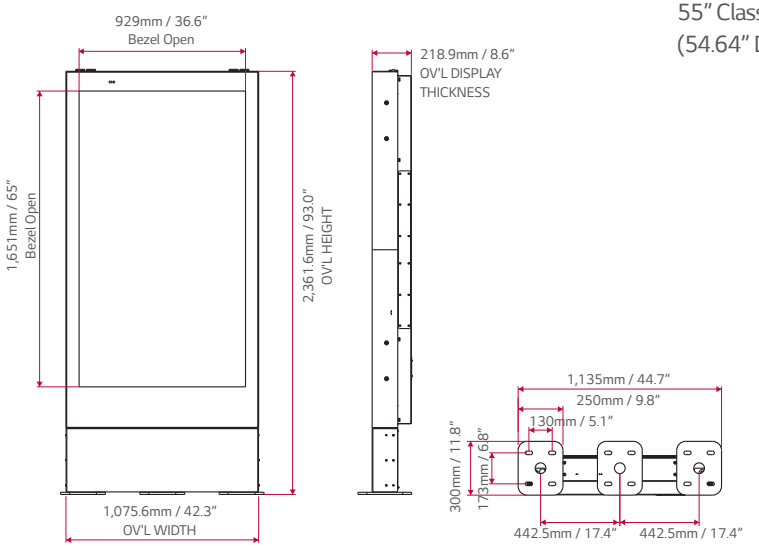
Optional stand accessories are provided to allowthe panelto stand freely on the ground and facilitate easy cable management. For the 49XEB3E there is an exclusive stand for 1x3 configuration available to meet various business requirements.



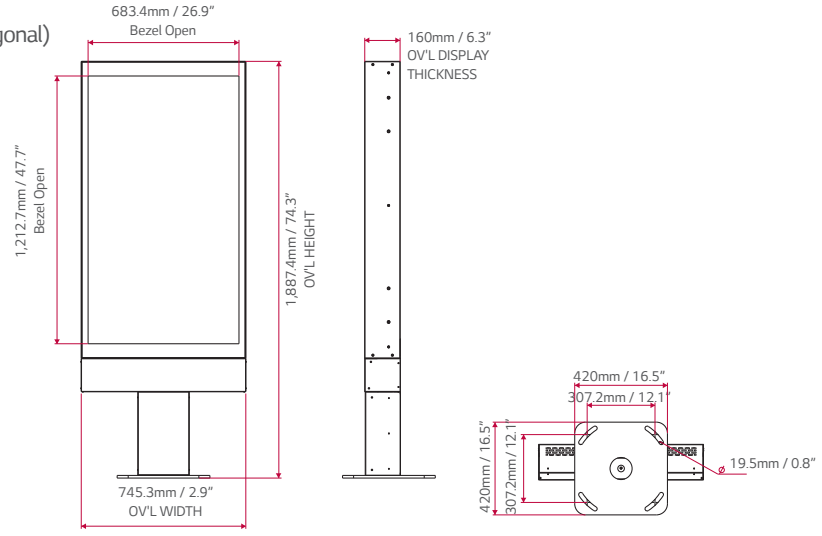
* Exclusive on 49"

Dimension

75″ Class
(75.52″ Diagonal)

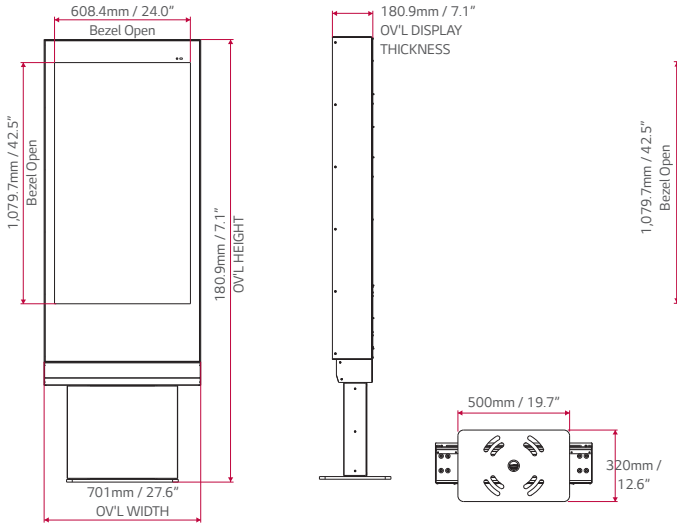


55″ Class
(54.64″ Diagonal)

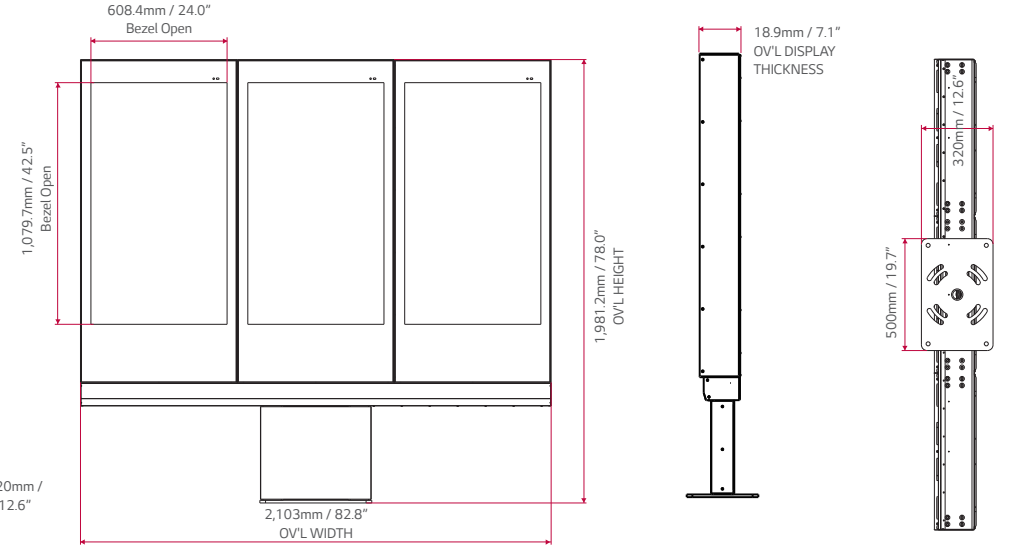


49″ Class
(48.50″ Diagonal)

(1 x 1)



(1 x 3)



Specifications

		75XE3C	55XE3C	49XEB3E
PANEL	Screen Size	75" Class (75.52" Diagonal)	55" Class (54.64" Diagonal)	49" Class (48.50" Diagonal)
	Panel Technology	IPS	IPS	IPS
	Aspect Ratio	16 : 9	16 : 9	16 : 9
	Native Resolution	3,840 x 2,160 (UHD), M+ (WRGB)	1,920 x 1,080 (FHD), M+ (WRGB)	1,920 x 1,080 (FHD), M+ (WRGB)
	Brightness*	3,000 cd/m² (Typ.), 2,400 cd/m² (min)	3,000 cd/m² (Typ.), 2,400 cd/m² (Min.)	3,000 cd/m² (Typ.), 2,400 cd/m² (Min.)
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178
	Response Time	8 ms (G to G BW, Typ.)	9 ms (G to G BW, Typ.)	8 ms (G to G BW, Typ.)
	Surface Treatment	Hard Coating(2H), Anti-glare Treatment of the Front Polarizer (Haze 3% (Typ.)), QWP	Hard Coating (2H), Anti-reflection Treatment of the Front Polarizer (Haze 3% (Typ.)), QWP	Hard Coating (2H), Anti-reflection Treatment of the Front Polarizer (Haze 3% (Typ.)), QWP
	QWP Polarizer	Yes	Yes	Yes
	Life Time	50,000 Hrs	50,000 Hrs	50,000 Hrs
	Operation Hours	24Hrs	24Hrs	24Hrs
	Orientation	Portrait only	Landscape & Portrait	Portrait Only
CONNECTIVITY	Input	HDMI, DP, DVI-D, Audio In, USB 3.0, SD Card	HDMI, DP, DVI-D, Audio In, USB 3.0, SD Card	HDMI, DP, DVI-D, Audio In, USB 3.0
	Output	DP, External Speaker Out	DP, External Speaker Out	DP, External Speaker Out
	External Control	RS232C In/out, RJ45 In	RS232C In/out, RJ45 In	RS232C In/out, RJ45 In
PHYSICAL SPECIFICATION	Front glass	9.5 mm (AR, Tempered & Laminated Glass)	7.5 mm (AR, Tempered & Laminated Glass)	6.8 mm (AR, Tempered & Laminated Glass)
	Bezel Color	Black	Black	Black
	Bezel Width	110 mm (T), 230 mm (B), 73.3 mm (L/R)	66.4 mm (T/B), 31.0 mm (L/R)	103.0 mm (T), 262.0 mm (B), 46.5 mm (L/R)
	Monitor Dimension (W x H x D)	1,075.6 x 1,991.6 x 218.9 mm / 42.3" x 78.4" x 8.6"	745.3 x 1,345.4 x 160.0 mm / 29.3" x 53.0" x 6.3"	701 x 1,445 x 180.9 mm / 27.6" x 56.9" x 7.1"
	Weight (Head)	180kg / 396.8lbs	70kg / 154.3lbs	58.6kg / 129.1lbs
	Monitor with Optional Stand Dimensions (W x H x D)	1,075.6 x 2,361.6 x 218.9 mm / 42.3" x 93.0" x 8.6"	745.3 x 1,877 x 420 mm / 29.3" x 73.9" x 16.5"	745 x 1,980 x 321 mm / 29.3" x 78.0" x 12.6"
	Weight (Head+Stand)	247kg / 544.5lbs	103.5kg / 228.2lbs	100kg / 220.4lbs
	Packing Dimensions (W x H x D)	1,292 x 2,296 x 468 mm / 50.9" x 90.4" x 18.4	1,027 x 1,491 x 309 mm / 40.4" x 58.7" x 12.2	863 x 1,624 x 333 mm / 34.0" x 63.9" x 13.1"
	Packed Weight	210kg / 463.0lbs	100.5kg / 221.6lbs	73.4kg / 161.8lbs
SPECIAL FEATURES		Temperature Sensor, Auto Brightness Sensor, Pixel Sensor, Cooling FAN, ISM Method, DPM Select, Energy Saving, Smart Energy Saving, File Play with USB, Internal Memory 8GB (System 4GB + Available 4GB), USB Cloning, Easy Brightness Control, Wake on LAN, Fail Over, DP Daisy Chain, Control Manager		
ENVIRONMENT CONDITIONS	Operation Temperature	-22°F to 122°F / -30°C to 50°C	-22°F to 122°F / -30°C to 50°C	-22°F to 122°F / -30°C to 50°C
	Operation Humidity	5% to 100%	5% to 100%	5% to 100%
	Dust / Water Proofing	IP56	IP56	IP56
POWER	Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Type	Built-In Power	Built-In Power	Built-In Power
	Power Consumption (Typ./Max)	700 W / 1,000 W	350 W / 500 W	270 W / 400 W
	Power Consumption (Smart Energy Saving)	350 W	178 W	145 W
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB	UL / cUL / CB	UL / cUL / CB
	EMC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC
SOFTWARE COMPATIBILITY	Content Management Software	SuperSign CMS	SuperSign CMS	SuperSign CMS
	Control and Monitoring Software	SuperSign C	SuperSign C	SuperSign Link
ACCESSORIES	Basic	Remote Controller, Manual (EIG, ESG), Regulation Book, Phone to RS232C Gender, USB Cable, HDMI Cable	Remote Controller, Manual (EIG, ESG), Regulation Book, Phone to RS232C Gender, USB Cable, HDMI Cable	Remote Controller, Manual (EIG, ESG), Regulation Book, Phone to RS232C Gender, USB Cable, HDMI Cable
	Optional	Enclosure Stand (ST-750X)	Enclosure Stand (ST-550X)	Enclosure Stand (ST-491X, ST-493X), Circuit Breaker & Surge Suppressor (KT-PS)

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