

Slim & Robust Design with Outstanding Visibility

Ultra High Brightness Outdoor Display XE4F Series 55 49

With a tough design that is also remarkably slim and lightweight, the XE4F Series can be easily installed to meet needs in a variety of custom outdoor environments. With upgraded brightness, the XE4F displays can capture customers' attention even under direct sunlight.



Slim & Light
Design



Outstanding
Visibility



IP56 Rated
Dust/Water Proof



Easy Data Control
& Maintenance

Train number	Class	Destination	Arrivals	Track	Numbering of wagons
709	High-speed	N.Novgorod-Moscow	14:58	1	rear
717	High-speed	Ivanovo-Moscow	10:50		head
084	Express	Adler-Moscow	11:25		rear
835	High-speed	Kovrov-Moscow	12:20		rear
142	Express	Lgov-Moscow	12:31		head
072	Platan	Belgorod-Moscow	12:56		rear
058	High-speed	Stary Oskol-Moscow	13:10		rear
020	Express	Kharkiv-Moscow	15:52		head
7050	sub	Tula-Moscow	15:57		
737	High-speed	Ivanovo-Moscow	16:05		head
7081	sub	Vladimir-Moscow	16:09	8T	
701	High-speed	N.Novgorod-Moscow	16:20	1	rear



Slim & Light Design

XE4F series composed of single display with a light and slim design and it can be easily customized to suit various external environments with no need for separate casing.



Easy integration for partner's customized design

Because the XE4F Series is significantly thinner and lighter than previous designs, it is mount-ready and can be more easily customized for a variety of applications.



Bright & Brilliant

The XE4F series possess powerful brightness of 4,000nits, providing clear and vivid picture quality even under direct sunlight.



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.



Long Lasting Brightness

With a powerful brightness of 4,000 nits and wide viewing angles, the XE4F 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

Quarter Wave Plate technology in this display enables clear visibility even when the viewer is wearing polarized sunglasses.



Secured Protection with IP56 Design

The XE4F Series is rated IP56 for protection against dust and liquids so that it can serve reliably outdoors in almost all kinds of weather.



Protective Glass (IK10 Certified)

The tempered and laminated front glass ensures optimum protection from outdoor extremities, reducing / minimizing damage from external impacts.



* The image is for illustrative purposes only

**IK rating refers to the degree of resistance against external impacts on a scale of 0 to 10. (10 indicates the highest level of protection.)

Support for HDBaseT™

The XE4F Series supports the HDBaseT global standard for the transmission of ultra-high definition video and audio, Ethernet, controls, USB and IR over a single, long-distance cable for easier control of the display.



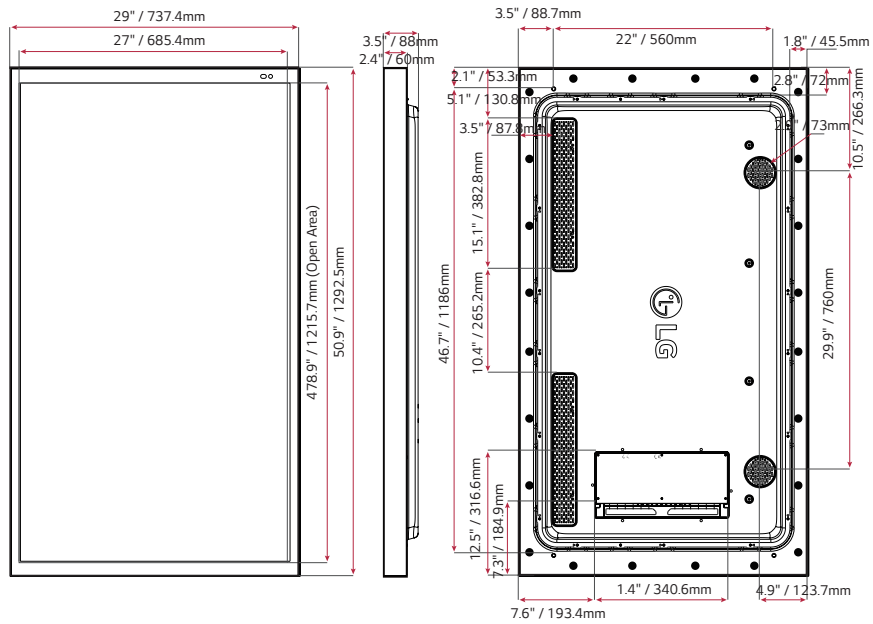
Web Monitoring

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.

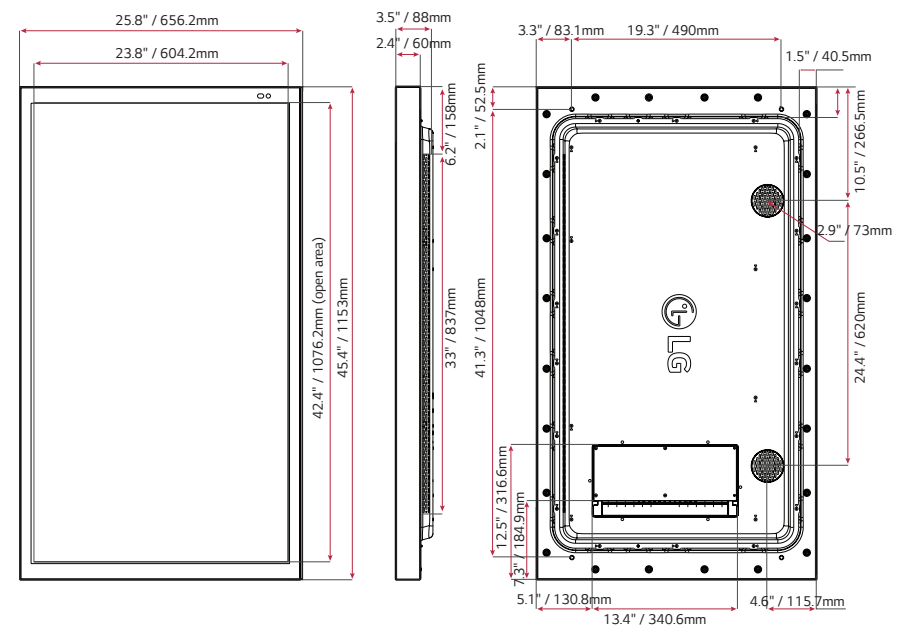


DIMENSIONS

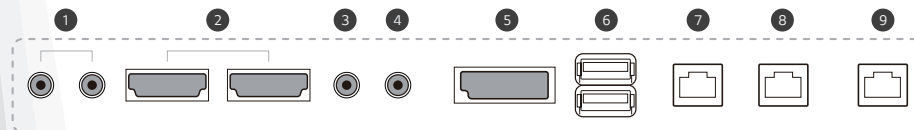
55XE4F



49XE4F



CONNECTIVITY



- 1 SPEAKER OUT
- 2 HDMI IN
- 3 RS232C IN
- 4 RS232C OUT
- 5 DP IN
- 6 USB IN
- 7 LAN IN
- 8 LAN OUT
- 9 HDBaseT IN



SPECIFICATIONS

	Model	55XE4F	49XE4F	
PANEL	Screen Size	55"	49"	
	Panel Technology	IPS	IPS	
	Back Light Type	Direct	Direct	
	Aspect Ratio	16 : 9	16 : 9	
	Native Resolution	1,920 x 1,080 (FHD, WRGB)	1,920 x 1,080 (FHD, WRGB)	
	Refresh Rate	60Hz	60Hz	
	Brightness	Typ. 4,000nit, Min. 3,200nit	Typ. 4,000nit, Min. 3,200nit	
	Contrast Ratio	1,300:1	1,300:1	
	Dynamic CR	500,000:1	500,000:1	
	Color gamut	72%	72%	
	Viewing Angle(H x V)	178 x 178	178 x 178	
	Color Depth	1.07 Billion (10bit)	1.07 Billion (10bit)	
	Response Time (G to G)	8 ms	8 ms	
	Surface Treatment(Haze)	Haze 3%	Haze 3%	
	QWP(Quarter Wave Plate)	Yes	Yes	
	Life time(Typ.)	50,000 Hrs	50,000 Hrs	
	Operation Hours	24 Hrs	24 Hrs	
Orientation	Portrait & Landscape	Portrait & Landscape		
INPUT	Digital	HDMI Yes (2), HDCP2.2 DP Yes (1), HDCP1.3	HDMI Yes (2), HDCP2.2 DP Yes (1), HDCP1.3	
	DVI-D	No	No	
	HDBaseT	Yes	Yes	
	Analog	RGB	No	
	Audio In	No	No	
	External Control	RS232C IN RJ45(LAN)	Yes Yes	
	USB	Yes (2), USB2.0	Yes (2), USB2.0	
	External Speaker Out	Yes (1, L/R)	Yes (1, L/R)	
	External Control	RS232C OUT RJ45(LAN)	Yes (1) Yes (1), HDBaseT	
	Depth	5 mm	5 mm	
MECHANICAL SPECIFICATION	Protection Glass	Degree of Protection IK10 Tempered Yes Anti-Reflective Yes Infrared - Resistance (IR) Yes Shatter-Proof Yes	Degree of Protection IK10 Tempered Yes Anti-Reflective Yes Infrared - Resistance (IR) Yes Shatter-Proof Yes	
	Bezel Color	Black	Black	
	Bezel Width	38.4mm(T/B), 26.0mm(L/R)	38.4mm(T/B), 26.0mm(L/R)	
	Monitor Dimension (W x H x D)	29" x 50.9" x 3.1" / 737.4 x 1,292.5 x 88.0mm	25.8" x 45.4" x 3.5" / 656.2 x 1,153x 88.0mm	
	Handle	No	No	
	VESA™ Standard Mount Interface	No (non-standard)	No (non-standard)	
	Internal Memory	16GB (System 4GB + Available 12GB)	16GB (System 4GB + Available 12GB)	
	Wi-Fi	Built-in No Dongle ready No	No No	
	HARDWARE	Sensors	Temperature Sensor Yes (Panel Front, M/Board, LCM , Inside) Auto Brightness sensor Yes BLU Sensor Yes Pixel sensor Yes Proximity Sensor No Gyro Sensor Yes Humidity Sensor Yes Current Sensor Yes	Temperature Sensor Yes (Panel Front, M/Board, LCM , Inside) Auto Brightness sensor Yes BLU Sensor Yes Pixel sensor Yes Proximity Sensor No Gyro Sensor Yes Humidity Sensor Yes Current Sensor Yes
		Power Indicator	No	No
Local Key Operation		No	No	
FAN		Yes (Open Loop , Closed Loop)	Yes (Open Loop , Closed Loop)	
Dust / Water Proof		IP56	IP56	
Direct Sunlight		Yes	Yes	
Power Supply		100-240V~, 50/60Hz	100-240V~, 50/60Hz	
Power Type		Built-In Power	Built-In Power	
DPM		1W	1W	
Power off		0.5W	0.5W	

	Model	55XE4F	49XE4F
SOFTWARE	webOS ver.	webOS 4.0	webOS 4.0
	Embedded CMS	USB Auto Playback Yes Local Contents Scheduling Yes Group Manager Yes	Yes Yes Yes
	Fail over	Yes	Yes
	Image	Booting Logo Yes No Signal Yes RS-232C Yes	Yes Yes Yes
	Content Sync.	Backlight sync Yes Local Network Yes PIP Yes PBP Yes	Yes Yes Yes Yes
	Multi-screen	Yes (2)	Yes (2)
	Screen Share	No	No
	Video Tag	Yes (4)	Yes (4)
	Play via URL	Yes	Yes
	OSD Rotation	Yes	Yes
	Lock mode	Yes	Yes
	Content Rotation	Yes	Yes
	Gapless Playback	Yes	Yes
	Tile Mode Setting	Yes (Max. 15x15)	Yes (Max. 15x15)
	Setting Data Cloning	Yes	Yes
	Firmware Update by Network	Yes	Yes
	SNMP	Yes	Yes
ISM Mode (Image Sticking Minimization)	Yes	Yes	
Auto Set ID	Yes	Yes	
Status Mailing	Yes	Yes	
"Outdoor API control (Backlight, Fan, Illuminance, Humidity, Door, check screen, rotation)"	Yes	Yes	
Control Manager	Yes	Yes	
3rd Party Control Compatibility	Crestron Connected No DPM Yes On/Off Schedule Yes Holiday Schedule Yes	No Yes Yes Yes	
Power Mgmt.	Power on Status Yes (Standby, Power On, Last Status) Energy Saving Yes Smart Energy Saving Yes PM mode Yes Wake on LAN Yes Power on Delay Yes	Yes (Standby, Power On, Last Status) Yes Yes Yes Yes Yes	
Daylight Saving Time	Yes	Yes	
Beacon	Yes	Yes	
HDMI-CEC	Yes	Yes	
SI Server Setting	Yes	Yes	
HDBaseT	Yes	Yes	
WOL	Yes	Yes	
webRTC	Yes	Yes	
ENVIRONMENT CONDITIONS	Operation Temperature	-22°F to 122°F / -30°C to 50 °C	-22°F to 122°F / -30°C to 50 °C
SOUND	Operation Humidity	5 % to 100 %	5 % to 100 %
CERTIFICATIONS	Speaker	No	No
	Safety	UL / cUL / CB	UL / cUL / CB
	EMC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC
SOFTWARE COMPATIBILITY	ErP / Energy Star	Yes / No	Yes / No
	SuperSign CMS	Yes	Yes
	SuperSign Control/Control+	Yes/Yes	Yes/Yes
LANGUAGE	Signage 365 Care	No	No
	Languages	Yes	Yes
ACCESSORIES & OTHER	Basic	English, French, German, Spanish, Italian, Korean , Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues(Europe), Dutch, Czech, Greek, Persian	Remote Controller, Manual(EIG, ESG), Regulation Book, Phone to RS232C Gender, HDMI Cable
	Warranty	3 Year Limited	3 Year Limited