Slim & Robust Design
with Outstanding Visibility

Ultra High Brightness Outdoor Display [55] [49]
XE4F Series

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	Numvering of wagaons
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	Primium	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

The Most Beautiful Place to Travel ITALY
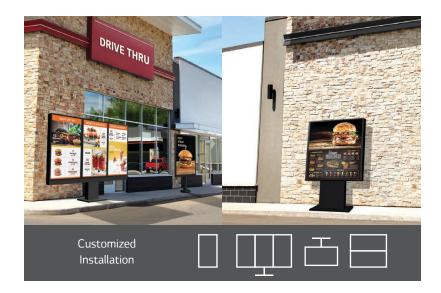
LG | Business Solutions

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.

Customized Installation

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.

178˚   Wide Viewing Angle   178˚

OUTSTANDING VISIBILITY

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.v

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.)
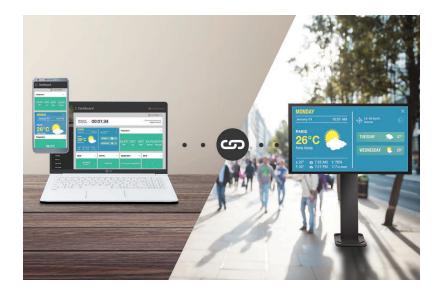
Support for HDBaseT ™

The XE4F Series supports the HDBaseT global standartd fo 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.
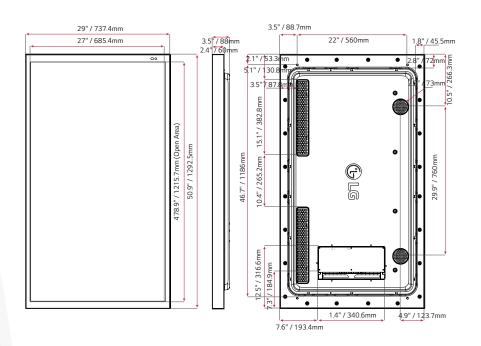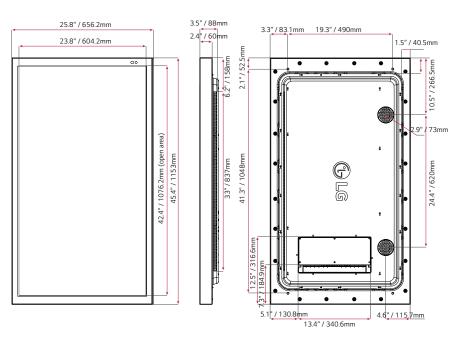

Web Monitoring

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

29" / 737.4mm
27" / 685.4mm
3.5" / 88mm
2.4" / 60mm
478.9" / 1215.7mm (Open Area)
50.9" / 1292.5mm
46.7" / 1186mm

3.5" / 88.7mm
22" / 560mm
1.8" / 45.5mm
2.1" / 53.3mm
5.1" / 130.8mm
3.5" / 87.8mm
2.8" / 72mm
2.9" / 73mm
10.5" / 266.3mm
15.1" / 382.8mm
10.4" / 265.2mm
29.9" / 760mm
12.5" / 316.6mm
7.3" / 184.9mm
1.4" / 340.6mm
4.9" / 123.7mm
7.6" / 193.4mm

49XE4F

25.8" / 656.2mm
23.8" / 604.2mm
3.5" / 88mm
2.4" / 60mm
42.4" / 1076.2mm (open area)
45.4" / 1153mm
33" / 837mm
41.3" / 1048mm
6.2" / 158mm
2.1" / 52.5mm

3.3" / 83.1mm
19.3" / 490mm
1.5" / 40.5mm
10.5" / 266.5mm
2.9" / 73mm
24.4" / 620mm
12.5" / 316.6mm
7.3" / 184.9mm
5.1" / 130.8mm
4.6" / 115.7mm
13.4" / 340.6mm

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

HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE

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	1,200:1	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 Billon (10bit)	1.07 Billon (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	Yes (2), HDCP2.2
	Digital / DP	Yes (1), HDCP1.3	Yes (1), HDCP1.3
	Digital / DVI-D	No	No
	Digital / HDBaseT	Yes	Yes
	Analog / RGB	No	No
	Audio In	No	No
	External Control / RS232C IN	Yes	Yes
	External Control / RJ45(LAN)	Yes	Yes
	USB	Yes (2), USB2.0	Yes (2), USB2.0
OUTPUT	External Speaker Out	Yes (1, L/R)	Yes (1, L/R)
	External Control / RS232C OUT	Yes (1)	Yes (1)
	External Control / RJ45(LAN)	Yes (1), HDBaseT	Yes (1), HDBaseT
MECHANICAL SPECIFICATION	Protection Glass / Depth	5 mm	5 mm
	Protection Glass / Degree of Protection	IK10	IK10
	Protection Glass / Tempered	Yes	Yes
	Protection Glass / Anti-Reflective	Yes	Yes
	Protection Glass / Infrared - Resistance (IR)	Yes	Yes
	Protection Glass / Shatter-Proof	Yes	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 1153x 88.0mm
	Handle	No	No
	VESA™ Standard Mount Interface	No (non-standard)	No (non-standard)
HARDWARE	Internal Memory	16GB (System 4GB + Available 12GB)	16GB (System 4GB + Available 12GB)
	Wi-Fi / Built-in	No	No
	Wi-Fi / Dongle ready	No	No
	Sensors / Temperature Sensor	Yes (Panel Front, M/Board, LCM , Inside)	Yes (Panel Front, M/Board, LCM , Inside)
	Sensors / Auto Brightness sensor	Yes	Yes
	Sensors / BLU Sensor	Yes	Yes
	Sensors / Pixel sensor	Yes	Yes
	Sensors / Proximity Sensor	No	No
	Sensors / Gyro Sensor	Yes	Yes
	Sensors / Humidity Sensor	Yes	Yes
	Sensors / Current Sensor	Yes	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
ELECTRICAL	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	Yes
	Embedded CMS / Local Contents Scheduling	Yes	Yes
	Embedded CMS / Group Manager	Yes	Yes
	Fail over	Yes	Yes
	Image Customization / Booting Logo	Yes	Yes
	Image Customization / No Signal	Yes	Yes
	Content Sync. / RS-232C	Yes	Yes
	Content Sync. / Backlight sync	Yes	Yes
	Content Sync. / Local Network	Yes	Yes
	Multi-screen / PIP	Yes	Yes
	Multi-screen / PBP	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	No
	Power Mgmt. / DPM	Yes	Yes
	Power Mgmt. / On/Off Schedule	Yes	Yes
	Power Mgmt. / Holiday Schedule	Yes	Yes
	Power Mgmt. / Power on Status	Yes (Standby, Power On, Last Status)	Yes (Standby, Power On, Last Status)
	Power Mgmt. / Energy Saving	Yes	Yes
	Power Mgmt. / Smart Energy Saving	Yes	Yes
	Power Mgmt. / PM mode	Yes	Yes
	Power Mgmt. / Wake on LAN	Yes	Yes
	Power Mgmt. / Power on Delay	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
	Operation Humidity	5 % to 100 %	5 % to 100 %
SOUND	Speaker	No	No
CERTIFICATIONS	Safety	UL / cUL / CB	UL / cUL / CB
	EMC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC
	ErP / Energy Star	Yes / No	Yes / No
SOFTWARE COMPATIBILITY	SuperSign CMS	Yes	Yes
	SuperSign Control/Control+	Yes/Yes	Yes/Yes
	SuperSign White Balance	No	No
	Signage 365 Care	Yes	Yes
LANGUAGE	Languages	English, French, German, Spanish, Italian, Korean , Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues(Europe), Dutch, Czech, Greek, Persian	
ACCESSORIES & OTHER	Basic	Remote Controller, Manual(EIG, ESG), Regulation Book, Phone to RS232C Gender, HDMI Cable	
	Warranty	3 Year Limited	3 Year Limited