





# Slim & Robust Design with Outstanding Visibility

IP-Rated Outdoor Display | XE4F Series 55 49

With a slim & robust design, XE4F series can be easily installed to meet the customer's needs in external environments that require complex installation conditions. And upgraded brightness captures the attention of customers even under strong and 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	Platinum	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



\* All images are for illustrative purposes only.



### Slim & Light Design

XE4F series is 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

The XE4F series is lighter and ready to be customized for various customer needs and settings. From outdoor menu boards to kiosks, the XE4F series is also mountable and optimized for customers, based on the industry purpose and use.



## Bright & Brilliant

The XE4F series possesses 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

By adding more LED units, XE4F operates brighter at a lower temperature, thereby lasting longer than conventional products.



## Visible with Polarized Sunglasses

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

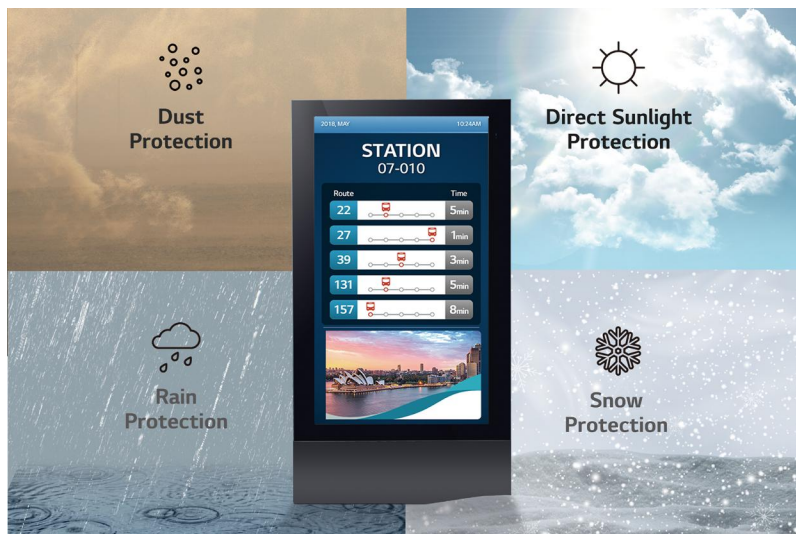


\* Quarter Wave Plate



## Secured Protection with IP56 Design

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



## Protective Glass (IK10 Certified)

The tempered and laminated front glass ensures optimum protection from outdoor extremities, resulting in minimal or no damage from external impacts.

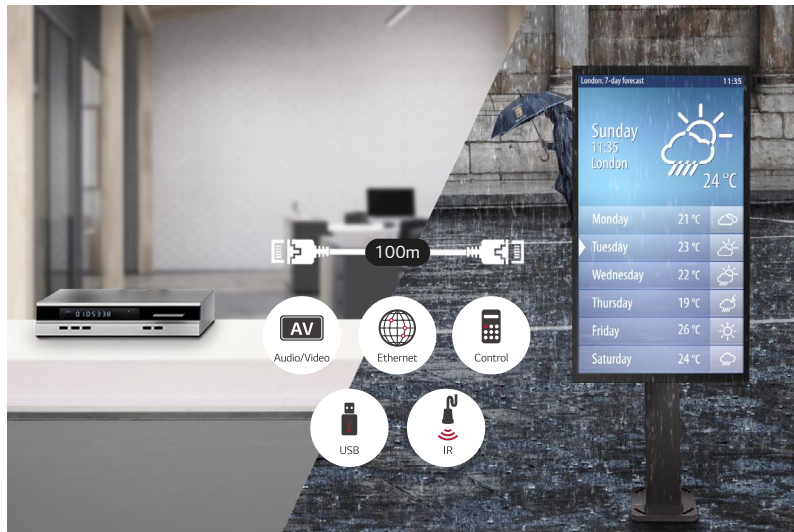


\* The image is for illustrative purposes only

\*\*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 HDBaseT™

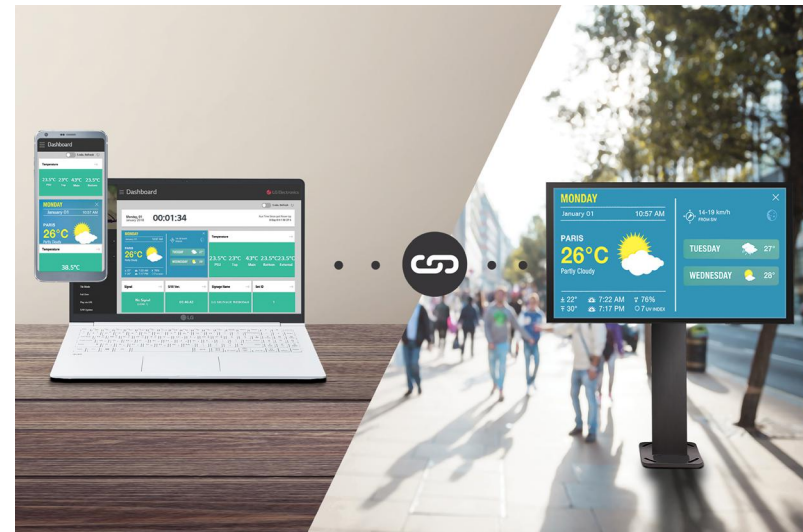
The XE4F Series supports HDBaseT™, the global standard for the transmission of ultra-high definition video & audio, Ethernet, controls, USB and IR over a single, long-distance cable, for easier control of the display and saving installation and maintenance costs.



\*The XE4F Series doesn't support the power supply

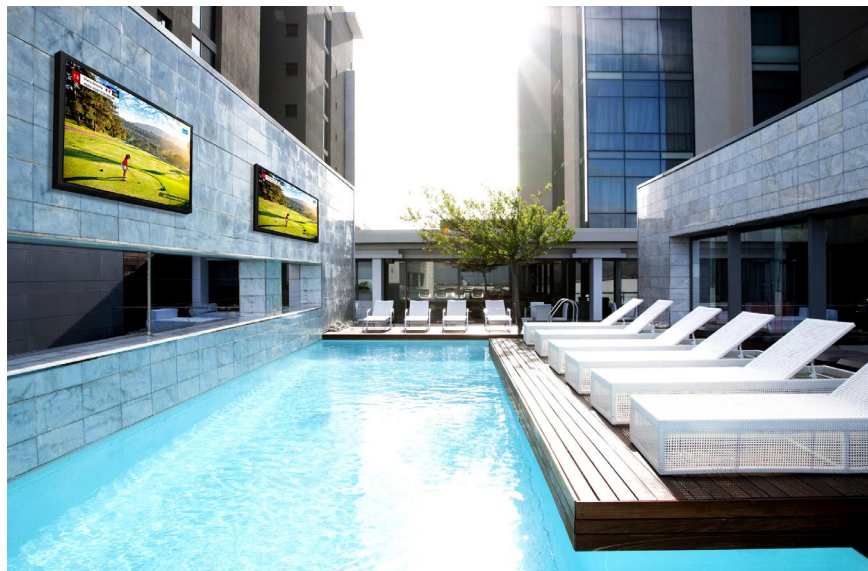
## Web Monitoring

This web-based monitoring solution is user-friendly and allows the user to be at ease. It enables the user to have full access anywhere at anytime from their mobile phone while having access to both current and past data. It allows the user to monitor the unit, make adjustments, and control the unit remotely in real time.

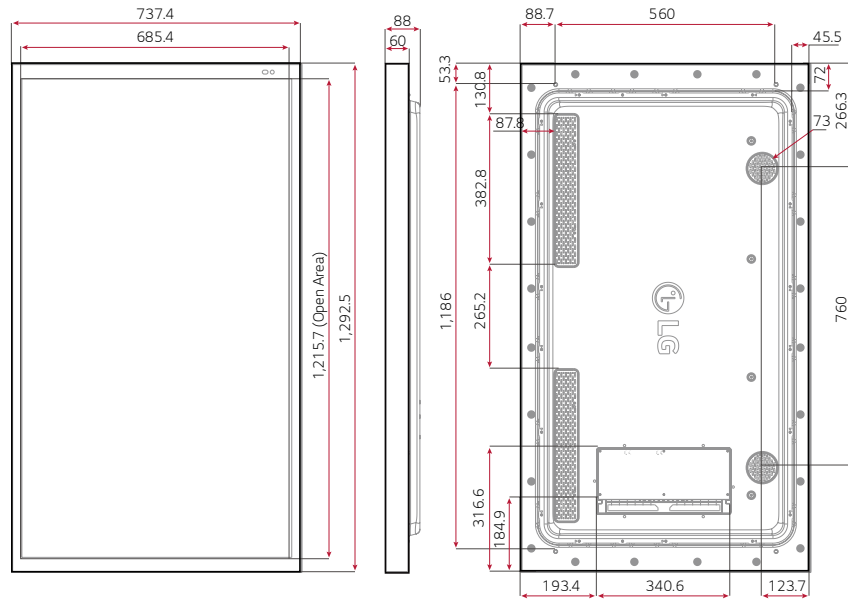


\*The image is for illustrative purposes only

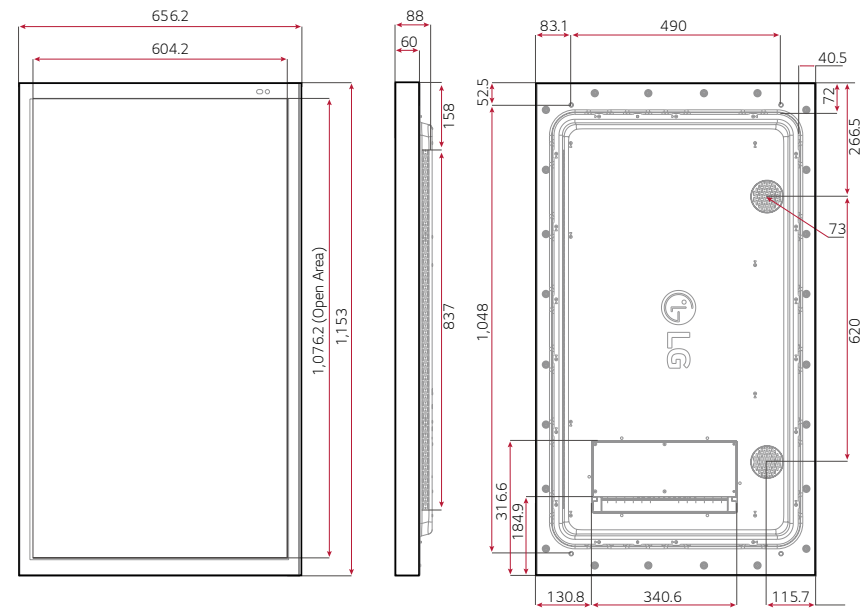




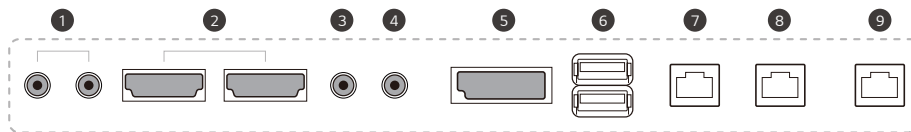
55XE4F



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





XE4F Series		55XE4F	49XE4F	
PANEL	Screen Size	55"	49"	
	Panel Technology	IPS, M+	IPS, M+	
	Native Resolution	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)	
	Brightness	4,000 nit (Typ.), 3,200 nit (Min.)	4,000 nit (Typ.), 3,200 nit (Min.)	
	Contrast Ratio	1,000 : 1	1,300 : 1	
	Dynamic CR <sup>1)</sup>	500,000 : 1	500,000 : 1	
	Color Gamut	72%	67%	
	Viewing Angle (H x V)	178 x 178	178 x 178	
	Color Depth	1.67 Million Colors (8 bit)	1.07 Billion Colors (10 bit)	
	Response Time	9 ms (G to G BW) (Typ.)	8 ms (G to G BW) (Typ.)	
	Surface Treatment (Haze)	3%	3%	
	Operation Hours (Hours/Day)	24 / 7	24 / 7	
	Portrait / Landscape	Yes / Yes	Yes / Yes	
QWP (Quarter Wave Plate)	Yes	Yes		
CONNECTIVITY	Input	HDMI (2, HDCP 2.2), DP (HDCP 2.2), USB 2.0 Type A (2)		
	Output	External Speaker Out (L/R, 10 W + 10 W)		
	External Control	RS-232C In (4 Pin Phone Jack) / Out, RJ45 (LAN) In (2 - Lan, HDBaseT) / Out		
MECHANICAL SPECIFICATION	Bezel Width	38.4 mm (T/B), 26.0 mm (L/R)	38.4 mm (T/B), 26.0 mm (L/R)	
	Weight (Head)	40 kg	32 kg	
	Packed Weight	46 kg	37 kg	
	Monitor Dimension (W x H x D)	1,292.5 x 737.4 x 88.0 mm	1,153 x 656.2 x 88.0 mm	
	VESA™ Standard Mount Interface	No	No	
	Protection Glass	Depth	5 mm	5 mm
		Degree of Protection	Yes (IK10)	Yes (IK10)
KEY FEATURE	Internal Memory 16 GB, Temperature Sensor, Auto Brightness Sensor, Pixel Sensor, BLU Sensor, Humidity Sensor, Acceleration (Gyro) Sensor, Power Indicator, FAN, webOS 4.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Bootting Logo Image, No Signal Image), Sync Mode (RS-232C Sync, Local Network Sync, Backlight Sync), Multi-screen (PIP, PBP (2)), Video Tag (4), Play via URL, Rotation (Screen Rotation, External Input Rotation), Gapless Playback, Tile Mode Setting (Max. 15 x 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Smart Energy Saving, PM Mode, Wake on LAN (LAN In / HDBaseT Port), HDMI-CEC <sup>2)</sup> , SI Server Setting, webRTC, Proddiom			
ENVIRONMENT CONDITIONS	Operation Temperature	-30°C to 50°C	-30°C to 50°C	
	Operation Humidity	5% to 100%	5% to 100%	
POWER	Power Supply	AC 100-240 V ~, 50/60 Hz	AC 100-240 V ~, 50/60 Hz	
	Power Type	Built-in Power	Built-in Power	
POWER CONSUMPTION	Typ. / Max.	330 W (Full White) (※ IEC 62087 - 178 W) / 400 W	300 W (Full White) (※ IEC 62087 - 144 W) / 350 W	
	BTU (British Thermal Unit)	1,126 BTU / Hr (Typ.), 1,365 BTU / Hr (Max.)	1,024 BTU / Hr (Typ.), 1,194 BTU / Hr (Max.)	
SOUND	Speaker	No	No	
CERTIFICATION	Safety	CB / NRTL	CB / NRTL	
	EMC	FCC Class "A" / CE / KC / VCCI	FCC Class "A" / CE / KC / VCCI	
	ErP	Yes (EU Only)	Yes (EU Only)	
SOFTWARE COMPATIBILITY	SuperSign CMS, SuperSign Control+, LG ConnectedCare <sup>3)</sup>			
ACCESSORY	Basic	Remote Controller, Manual (EIG, IG), Regulation Book, Phone to RS-232C Gender, HDMI Cable, Power Cable, Battery, Screws		
SPECIAL FEATURE	Tilt (Facedown)	No		
	IP Rating	IP56		
	Direct Sunlight	Yes		

<sup>1)</sup> The luminosity ratio of Full Black / Full White color on video input condition.

<sup>2)</sup> Compatibility may differ by equipment.

<sup>3)</sup> The availability can differ by region.

\* Specifications are subject to change without notice, so please contact LG sales team to verify before ordering.



- [www.lg.com/global/business/information-display](http://www.lg.com/global/business/information-display)
- [www.youtube.com/c/LGCommercialDisplay](https://www.youtube.com/c/LGCommercialDisplay)
- [www.facebook.com/LGInformationDisplay](https://www.facebook.com/LGInformationDisplay)
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