



* All images in this datasheet are for illustrative purposes only.

IP-rated Outdoor Display 22XE1J


22XE1J-B


The Versatile Outdoor Display Designed for Your Business



 1,500 nits
High Brightness

 IP56 Rated Dust/
Water Proof

 Versatile
Display Size (21.5")

 Long-lasting
High Performance

 webOS
Smart Platform

 Web-based
Monitoring Solution

22 X E1J

Screen Size, Panel	21.5" AHVA IPS M+ (WRGB)
Native Resolution	1,920 × 1,080 (FHD)
Brightness	1,500 nits (Typ. w/Glass)
Portrait / Landscape	Yes / Yes
Dimension / Weight	21.9 x 12.6 x 2.6 in / 20.0 lbs
Feature	IP56 Waterproof & Weatherproof, Auto Brightness Sensor, Temperature Sensor, Built-in Wi-Fi Module, Control Manager



High Visibility Under Bright Environments

With a brightness rating of 1,500 nits, the 22XE1J boasts high visibility in bright environments. Advanced screen design ensures that your content can be viewed by those wearing polarized sunglasses.



Versatile 21.5" Screen Size

The 21.5" screen is lightweight and is the ideal size for various installations. This flexibility allows the 22XE1J to be used for a broad range of content delivery needs for small-medium businesses and large enterprises.



IP56 Design For Rugged Reliability

The display conforms to IP56 rating, essential for reliable outdoor operation. Its sealed design provides waterproof protection and protection against the damaging effects of the sun, rain, snow, dust, and wind.



Wide Operating Temperature Range

22XE1J can be used under a wide range of operating temperatures allowing it to be used in a wide variety of outdoor installations.



Conformal Coating

Conformal Coating* improves the reliability of the circuit board and power board by protecting them against dust, iron powder, humidity, etc.

* Conformal Coating: Thin protective films/breathing membranes that filter water vapor and solid debris



Smart Brightness Control

The screen brightness is automatically adjusted depending on the ambient light for enhanced viewing and more efficient power management. Under bright conditions, the screen brightness is increased, and in darker conditions, the screen brightness level is reduced.



LG's webOS 4.1 Delivers High Performance

LG's webOS 4.1 features a Quad Core SoC* design that can execute several tasks simultaneously without a separate media player. This platform also enhances user convenience with an intuitive UI and simple app development tools.

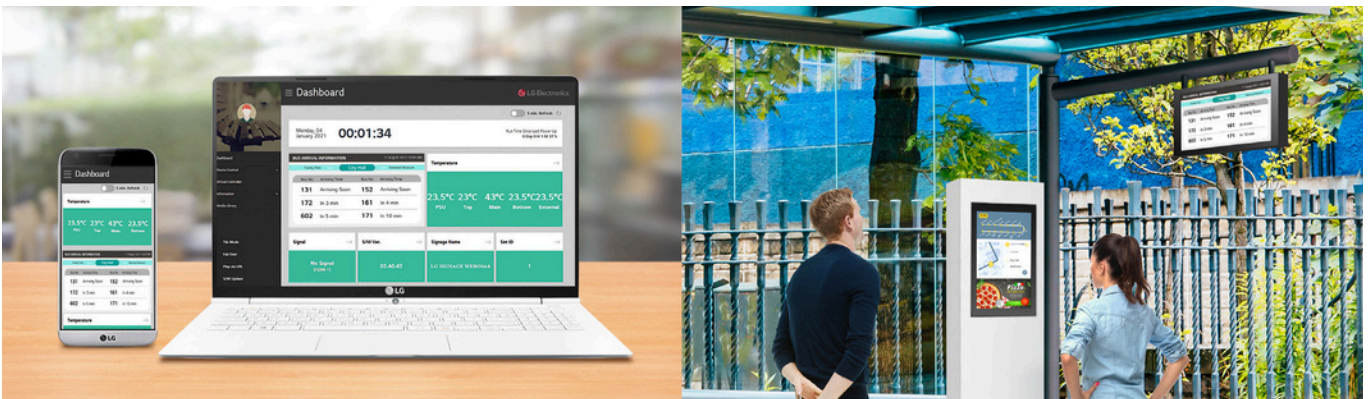
* System-on-Chip



Wireless Content Distribution & Easy Firmware Updates

22XE1J features embedded Wi-Fi*, Bluetooth, and Beacon, making it easy to distribute content wirelessly and update Firmware. For example, retailers can use Beacon and BLE (Bluetooth Low Energy) for various promotional activities, such as providing promotional coupons or product information to shoppers in real-time.

* Wi-Fi performance may vary depending on your router and circumstance.



Web Monitoring (Control Manager)

A web-based monitoring solution enables users to have full access anywhere, anytime from their mobile phone or PC, provided they're connected to a network. They can also have access to both current and past data. It allows users to monitor the unit, make any adjustments and control the display remotely in real-time.



LG's Simple Advertisement Helper, Promota

Content can easily be created using LG's Promota* application (downloadable on a mobile device). You can add text and images to create an online profile for your business and deliver information such as event news, seasonal menus, promotions, and even more to your customers. Promota also features easy-to-use templates relevant to your industry.

*LG Promota can be downloaded from the App Store and Google Play store. (Not available for Europe/CIS Region)



LG ConnectedCare for Real-Time Service

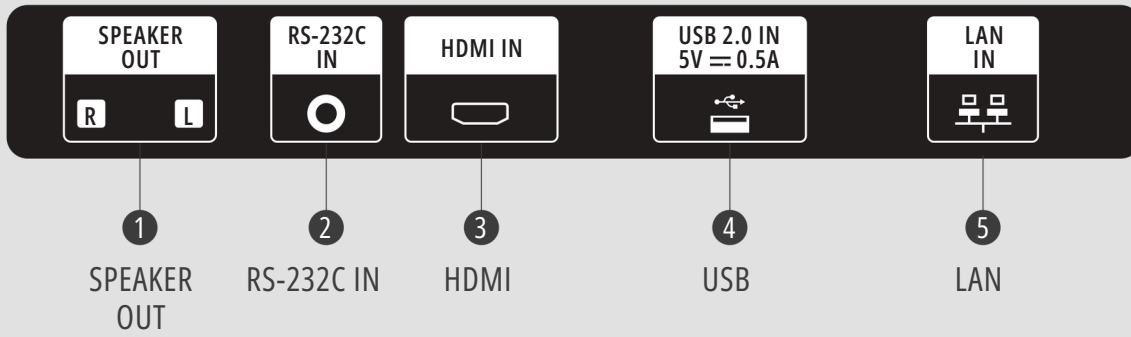
Maintenance is easy and fast with the optional LG ConnectedCare* service, a cloud service solution provided by LG. It remotely manages the status of displays in client workplaces, checks for fault diagnosis, and provides remote-control services that better support the stable operation of clients' businesses.

*The availability of 'LG ConnectedCare' service differs by region and must be purchased separately. Contact your LG Sales Representative for more details.

MODEL		22XE1J
PANEL	Screen Size	21.5"
	Panel Technology	AHVA IPS
	Back Light Type	Edge
	Aspect Ratio	16:9
	Native Resolution	1920 x 1080 (FHD)
	Refresh Rate	60Hz
	Brightness	1500 nits (Typ, w/ Glass)
	Contrast Ratio	1000:1 (Typ)
	Dynamic CR	800,000:1
	Color Gamut	NTSC 72%
	Viewing Angle (H x V)	89/89
	Color Depth	8bit, 16.7 Million colors
	Response Time	25ms (G to G)
	Surface Treatment (Haze)	Anti glare, 3H (Haze 25%)
	Lifetime	70,000 Hrs (Typ)
	Operation Hours	24 Hours / 7 Days
	Portrait / Landscape	Yes / Yes
QWP (Quarter Wave Plate)	Yes (Applied on Glass)	
CONNECTIVITY	HDMI In	Yes (1), HDCP1.4
	RS232C IN	Yes (1)
	RJ45 (LAN)	Yes (1)
	USB	USB2.0 Type A (1)
	External Speaker Out	Yes (1, L/R, 10W+10W)
MECHANICAL	Bezel Color	Black
	Bezel Width	38.3mm (R/L), 24.0mm (T/B)
	Weight (Head)	18.3 lbs / 8.3kg
	Packed Weight	22.0 lbs / 10kg
	Monitor Dimension (W x H x D)	21.9 x 12.6 x 2.6 in / 557.3 x 319.8 x 65 mm
	Shipping Dimensions (W x H x D)	24.9 x 15.5 x 7.4 in / 632 x 394 x 187 mm
VESA Compatible	100 mm x 100 mm	
PROTECTIVE GLASS	Depth	2mm
	Tempered / Chemical Strengthening	Chemical strengthening
	Anti-Reflective	Yes
	Infrared - Resistance (IR)	Yes
	Shatter-Proof	Yes
SPECIAL FEATURES	Tilt	Yes
	IP Rating	(Max -15o degree, Up to 15o downward)
	Direct Sunlight	IP56
KEY FEATURES	Internal Memory	Yes
	Wi-Fi	16 GB
	Temperature Sensor	Yes
	Auto Brightness Sensor	Yes
	Humidity Sensor	Yes
	Acceleration (Gyro) Sensor	Yes
	Power Indicator	Yes
	Fan	Yes
	webOS Version	Yes
	Local Contents Scheduling	4.1
Group Manager	Yes	
		Yes

MODEL		22XE1J
KEY FEATURES	USB Plug & Play Fail	Yes
	Over Booting Logo	Yes
	Image No Signal	Yes
	Image Local Network	Yes
	Sync	Yes
	Video Tag	Yes (4, Max One HDMI input)
	Play via URL Screen	Yes
	Rotation External	Yes
	Input Rotation	Yes
	Gapless Playback	Yes
	Setting Data Cloning	Yes
	SNMP	Yes
	ISM Method	Yes
	Status Mailing	Yes
	Control Manager	Yes
	Smart Energy Saving	Yes
	PM Mode	Yes
	Wake on LAN	Yes
	Network Ready	Yes
	Beacon	Yes
	HDMI-CEC	Yes
SI Server Setting	Yes	
webRTC	Yes	
Pro:Idiom	Yes	
ENVIRONMENTAL	Operation Temperature	-22° F to 122° F / -30° C to 50° C
	Operation Humidity	
	Power Supply Power	5 % to 100 %
POWER	Type Typ.	AC 100-240V~, 50/60Hz
	Max. Built-In Power	
	BTU (British Thermal Unit)	85 W
	Smart Energy Saving	115 W
	DPM	290 (Typ), 393 (Max)
	Power Off	40 W
	Safety	0.5 W ↓
	EMC	0.5 W ↓
CERTIFICATION	ErP / Energy Star	CB / NRTL
	SuperSign CMS	FCC Class "A" / CE / KC / VCCI
	SuperSign Control / Control+	Yes / No
SOFTWARE COMPATIBILITY	Signage-365-Care	Yes
		Yes / Yes
		Yes
LANGUAGE	OSD	English, French, German, Spanish, Italian, Korean, Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues(Europe), Dutch, Czech, Greek, Arab, Turkish
ACCESSORIES	Basic	Remote Controller (including battery 2ea), Power Cord, Manual (EIG, IG), RS-232C Gender

CONNECTIVITY



* Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.



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