



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



Outdoor Display XE3C

Outstanding Visibility with Advanced Reliability



3,000 nits
High Brightness



Polarized
Sunglasses



IP56 Rated Dust/
Water Proof



Web-based
Monitoring Solution

XE3C

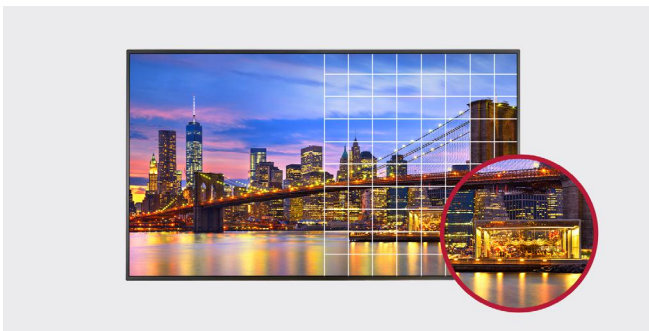
Screen Size	75" Class
Native Resolution	3,840 × 2,160 (UHD), M+
Brightness	3,000 cd/m ² (Typ.), 2,400 cd/m ² (Min.) through Front Protective Glass
Portrait / Landscape	Yes / No
Dimension / Weight	1,075.6 × 1,991.6 × 218.9 mm (W × H × D) / 180 kg
Key Features	Temperature Sensor, Auto Brightness Sensor, Smart Energy Saving



High Visibility Under Strong Sunlight

With outstanding high brightness of 3,000 nits (Typ.), 75XE3C outdoor display delivers contents clearly while captivating passersby, making it the suitable display for outdoor visibility. In addition, its clear visibility can deliver a variety of information even to those wearing polarized sunglasses.

* Stand is optional accessory.



Advanced Local Dimming

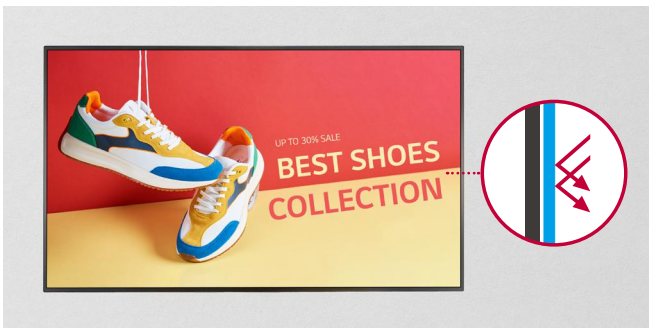
The backlighting in specific areas of the screen can be controlled to increase contrast and provide a clearer image.



Superb Picture Quality with Ultra HD Resolution

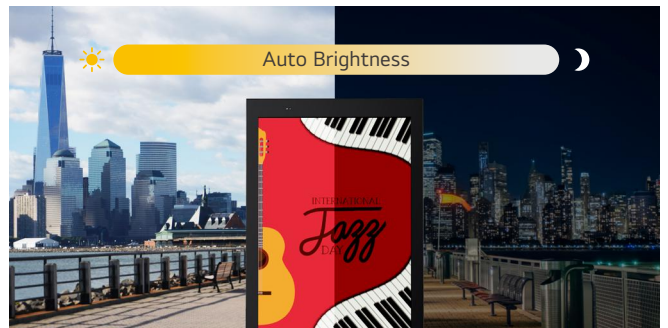
With the resolution of UHD, it makes the color and details of the contents vivid and realistic. In addition, the wide viewing angle applied with an IPS panel, provides clear contents.

* Within 178 degree



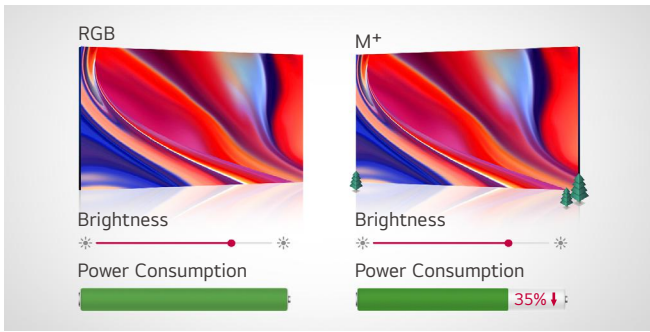
Anti-reflection

Thanks to anti-reflection coating, 75XE3C has low interference between reflection of external light & back light.



Smart Brightness Control

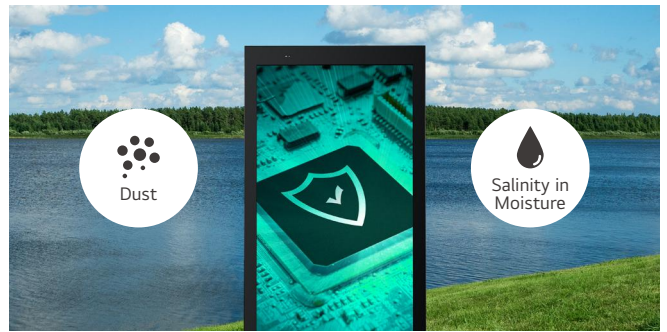
The screen brightness is automatically adjusted depending on the ambient light. The brightness is increased in light for better visibility, while it is decreased in darkness for efficient power management.



Low Power Consumption Using the M+ Panel

The M+ panel can offer high energy efficiency and cost savings as decreasing power consumption by approx.

* M+ IPS reduced approx. by 35% BLU Power consumption (IEC62087, 10 min) compared to RGB IPS, tested under same brightness (@fullwhite, 400 nit)
 ** Specific features can differ from circumstances.



Dust & Humidity Protection Designed with IP56 Rating

Conformal Coating* protect the circuit board, power board against dust, iron powder, humidity, etc.

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



Wide Range of Operating Temperature

75XE3C can be used under a wide range of operating temperatures from -30°C to +50°C.



Enhanced Thermal Management

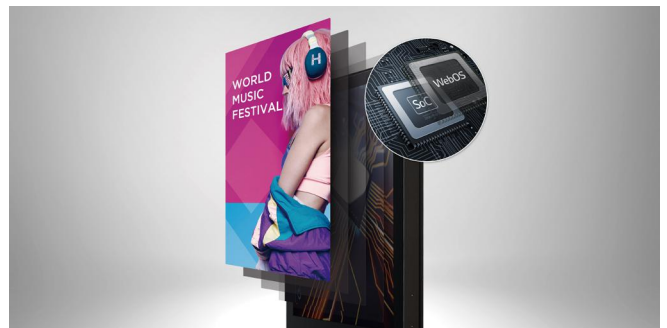
Environmentally sealed structure for water-resistant and protection against brake dust. 75XE3C has thermal management solution regarding heat from the LCD, Circuit / Powerboard and Solarloading. Totally self-contained and suitable for outdoor use without air filter.



9.5 mm Protective Glass

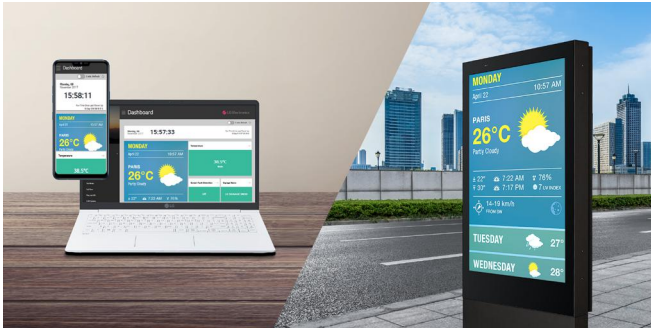
Designed to protect panel from impacts and vandalism for outdoor use.

* P2A Tested



webOS Smart Platform

Quad Core SoC (System-on-Chip) can execute several tasks at the same time without a separate media player. In addition, webOS 3.0 platform enhances user convenience with intuitive UI and simple app development tools.



Web Monitoring

The LG Control Manager*, the embedded web monitoring program, allows a variety of parameters to be diagnosed in real time such as temperature, ambient light, and gyro sensors. It can be easily controlled at all times.

* Enabled by wired LAN connection

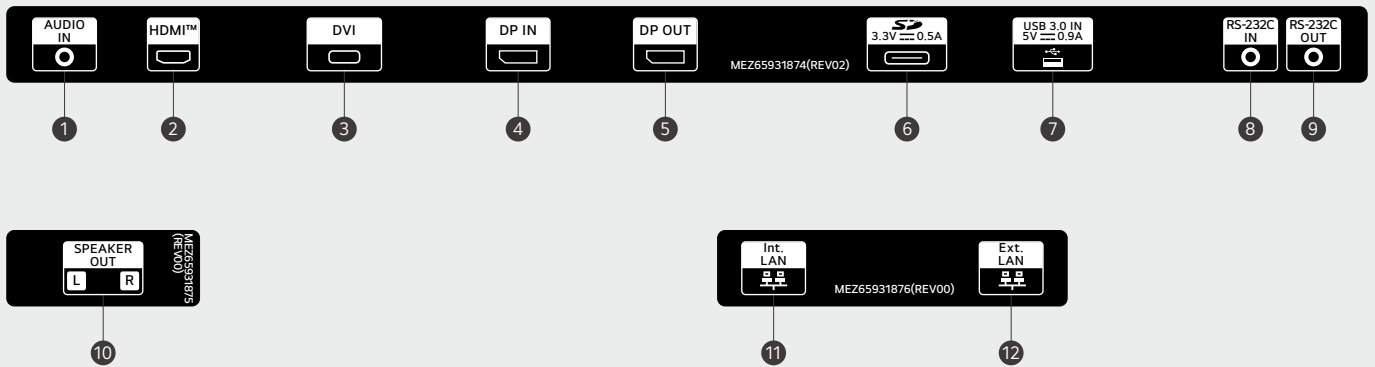


1 × 1 optional stand

Optional Stand

Optional stand to allow panel to stand freely and facilitate easy cable management.

CONNECTIVITY



- 1 AUDIO IN
- 2 HDMI
- 3 DVI
- 4 DP IN
- 5 DP OUT
- 6 SD CARD
- 7 USB 3.0 IN
- 8 RS-232C IN
- 9 RS-232C OUT
- 10 SPEAKER OUT
- 11 Int. LAN
- 12 Ext. LAN



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