



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



High-brightness IP-rated Outdoor Display 55/49XE3P

Outdoor Display with Easy Maintenance and Lasting Performance

 Anti-Discoloration

 3,500 nits
High Brightness

 High Reliability

 Energy Efficiency

 webOS Platform

 Smart Monitoring
& Control

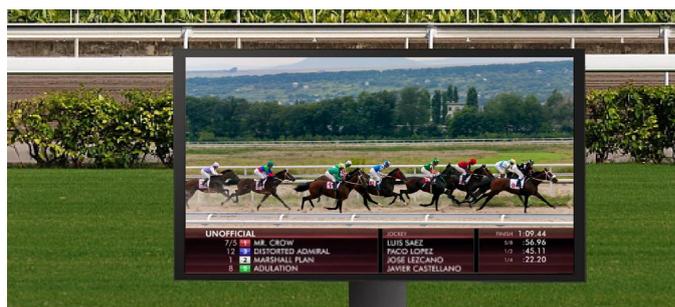
55/49XE3P

Screen Size / Panel	55", 49" / IPS, M+
Native Resolution	1,920 × 1,080 (FHD)
Brightness	3,500 nits (Typ.), 2,800 nits (Min.)
Portrait / Landscape	Yes / Yes
Dimension (W × H × D) / Weight	55" : 1,292.5 × 737.4 × 88 mm / 38 kg 49" : 1,153 × 656.2 × 88 mm / 31.2 kg
Key Features	Temperature Sensor, Auto Brightness Sensor, Conformal Coating

New Era of Outdoor Display Has Begun



IP-rated Outdoor Display Type



IP-rated Outdoor Display

LG offers advanced technical solutions equipped with various sensors, providing reliable and effective operations. In diverse spaces under sunlight, the XE3P highlights your content, reducing concerns about excessive operational burdens.

Be Bright, Stay in Sight



3,500 nits High Brightness



Polarized Sunglasses



Wide Viewing Angle



High Visibility Under Strong Sunlight

With outstanding high brightness of 3,500 nits (Typ.), the XE3P outdoor display delivers content clearly with captivating passersby. Through IPS technology, viewers can engage with the content at wide viewing angles.

Anti-Discoloration™



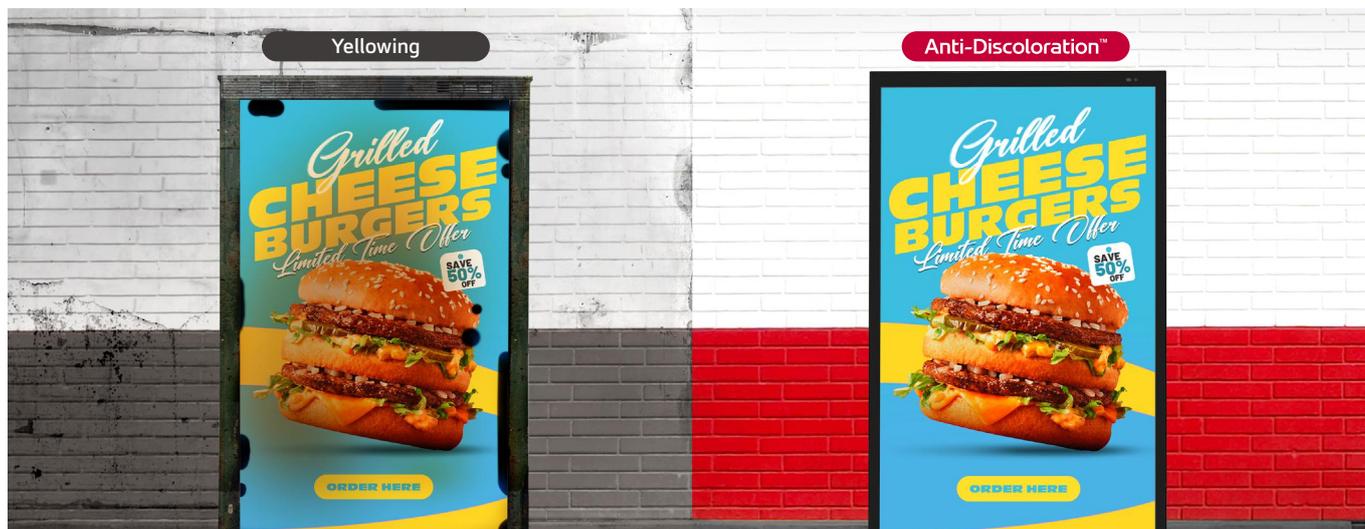
Yellowing
Resistance



Anti Black Circle



Enhanced
Thermal Solution



LG Anti-Discoloration

By focusing on the key pain points, we developed our new "Anti-Discoloration" technology designed to deter both screen yellowing and black circles. With an enhanced thermal solution, the XE3P can deliver long-lasting and stable display quality.



World's First UL Verified Display for Anti-Discoloration Characteristics

Especially for screen yellowing resistance, we obtained the world's first UL Verification of Anti-Discoloration characteristics for displays. The UL Verified XE3P can alleviate concerns about screen yellowing, the most common but tricky issue for outdoor digital signage products.

* For more details, please visit <https://verify.ul.com/verifications/1382>.

** World's first UL Verification in the manufacturing industry

Enduring and Reliable



IP56

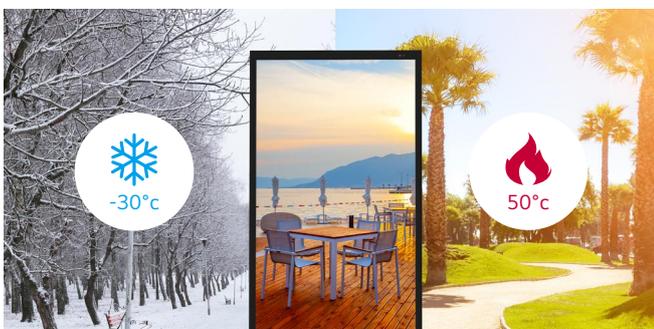


IK10



IP56 Rated Reliability

The XE3P is sealed with IP56 design for reliable operation. It is designed to be protected not only from water but also from dust, which is an essential feature for outdoor applications.



Wide Range of Operating Temperature

The XE3P can be used under a wide range of operating temperature from -30°C to 50°C.

* Conducted by LG internal test, Operating temperature : -30°C-50°C (without direct sunlight; with direct sunlight in cooling system), -30°C-40°C (with direct sunlight)

Save Cost with Optimal Performance



Energy Efficiency



Efficient Energy Management

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. Also, the XE3P uses M+ panel that can offer high energy efficiency and cost savings by decreasing power consumption.

* The cost-saving effect may vary depending on the actual power consumption, billing methods, and policies of the respective country and site.

** M+ IPS reduced approximately 35% BLU power consumption (IEC62087, 10 min) compared to RGB IPS, tested under same brightness (@full white, 400 nits).



Wide Operating Temperature



Conformal Coating



IK10 Protective Glass

The XE3P features IK10 rated protective glass, tempered and laminated for outdoor extremes, minimizing damage from external impacts. This can reduce unnecessary LCD module replacements and can lead to cost-effective maintenance.



Conformal Coating

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

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



Cost Saving



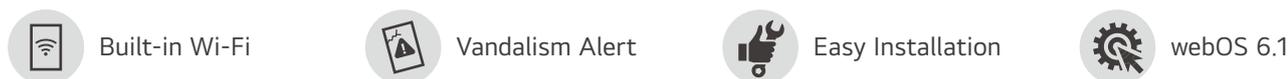
Easy Energy Management

The XE3P provides preset brightness settings suited to different locations and usage environments, enabling easy and effective power consumption management according to various scenarios.

* Manual mode : Max. 95%, Min. 5%
 Hilight mode : Max. 100%, Min. 20%
 Basic mode : Max. 70%, Min. 10%
 Nearby mode : Max. 50%, Min. 10%

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Make Maintenance Simple



Built-in Wi-Fi & Bluetooth

Built-in Wi-Fi and Bluetooth allow easy wireless transfer and distribution of content, help to prevent data hijacking, and ensure convenient and efficient device operation. Additionally, the XE3P is equipped with a beacon that delivers real-time information, using location data for display content.



Vandalism Alert

If the sensor detects the XE3P experiencing an impact above a certain threshold or deviating from its original installation angle, it sends an alert to the administrator, enabling a quick response to issues like vandalism.



Easy Installation

For easy installation, the XE3P is equipped with a self-leveler tool for checking horizontal and vertical levels during installation, reducing the burden of installation work.

* The availability of leveler tool feature may differ by model.



High-performance with webOS 6.1

LG webOS 6.1, upgraded with SoC* and web engine, is available on the XE3P for smooth execution of several tasks. The XE3P enhances user convenience with its intuitive GUI**, and it also facilitates easy app development by being compatible with programming languages such as HTML, JavaScript, and CSS.

* SoC : System on Chip

** GUI : Graphical User Interface

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Control with Ease, Even from Afar



Smart Monitoring & Control

LG ConnectedCare

LG SuperSign Cloud



Web Monitoring

The LG Control Manager*, an embedded web monitoring program, is user-friendly and enables the user to have full access anywhere at anytime from their mobile phone or PC 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.

* Enabled by wired LAN connection



Professional Content Partners

Pairing the XE3P with LG SW solutions* would enhance its utilization.

* Sold separately



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CONNECTIVITY

55" / 49"



1

2

3

4

5

6

7

8

9

1 SPEAKER OUT

2 HDMI IN

3 RS-232C IN

4 RS-232C OUT

5 DP IN

6 USB 2.0 IN

7 LAN IN

8 LAN OUT

9 HDBaseT IN



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