The 55XE3C provides excellent durability and vivid image quality even under direct sunlight. This outdoor signage boasts strong visibility and reliability with clear picture quality and accurate information delivery even under extreme changes in the environment. It also offers excellent efficiency, combining economic power consumption with simple installation and management.

Outstanding Visibility with Advanced Reliability
Enclosure outdoor signage 55XE3C

Key Features

- **Outstanding Visibility**
  - Smart Brightness Control: The auto-brightness sensor and preset time scheduler save power whenever possible.
  - Advanced Local Dimming: The backlighting in specific areas of the screen can be controlled to increase contrast and provide a clearer image with twice the detail.

- **Advanced IPS Technology**
  - 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.

- **QWP (Quarter Wave Plate)**
  - FPR (Film-type Patterned Retarder) technology is embedded with a QWP which enables clear visibility even when the viewer is wearing polarized sunglasses.

- **No Blackening Effect**
  - Even under direct sunlight exposure, LG commercial monitors remain free from blackening defects under 110°C and provide superior quality for outdoor usage.

- **Anti-reflection**
  - Less interference between reflection of external light & back light thanks to anti-reflection coating.

Images on screen are simulated.
Outstanding Visibility with Advanced Reliability
Enclosure outdoor signage 55XE3C

Other Features

Product Reliability

Dust & Humidity Protection Designed with IP66 Rating
The conformal coating enhances circuit board reliability by protecting it from dust, iron shavings, humidity and other harsh conditions.

High Operating Temperature
The panel offers superb reliability under high operating temperatures and reduces cooling fan usage.

Enhanced Thermal Management
Environmentally sealed structure for waterproofing and protection against brake dust and fumes. Three-layer thermal management prevents heating from the LCD, Circuit / Power board and Solar loading. Totally self-contained and suitable for outdoor use without air filter.

7.5 mm Protective Glass
Designed to protect panel from impacts and vandalism for outdoor use. Features QWP film to protect against heating in direct sunlight.

Cost Effective

Low Power Consumption Using The M+ Panel
The M+ panel offers excellent energy efficiency and cost savings and decreases power consumption by approx. 31% compared to conventional RGB panels.*

* With same luminance

Easy Operation

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 managed at all times.

Optional Stand
It is designed with various applications in mind and compatible with wall-mounted landscape/portrait orientation. Optional stand to allow panel to stand freely and facilitate easy cable management.

Specifications

<table>
<thead>
<tr>
<th>XE3C Series</th>
<th>55XE3C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screen Size</td>
<td>55” Class (54.6” measured diagonally)</td>
</tr>
<tr>
<td>Panel Technology</td>
<td>IPS</td>
</tr>
<tr>
<td>Native Resolution</td>
<td>1920 x 1080</td>
</tr>
<tr>
<td>Brightness</td>
<td>3,000 cd/m² through front protective glass (Typ)</td>
</tr>
<tr>
<td>Viewing Angle (H x V)</td>
<td>178° x 178°</td>
</tr>
<tr>
<td>Response Time</td>
<td>6 ms (G to G), 9 ms (G to B)</td>
</tr>
<tr>
<td>Surface Treatment</td>
<td>Anti-reflection treatment of the front plate (Reflectance: 2.5%)</td>
</tr>
<tr>
<td>DNP coating (DNP Film)</td>
<td>Yes</td>
</tr>
<tr>
<td>Diagonal Measuring</td>
<td>75” Black</td>
</tr>
<tr>
<td>Life time</td>
<td>100,000 hrs</td>
</tr>
<tr>
<td>Orientation</td>
<td>Portrait &amp; Landscape</td>
</tr>
</tbody>
</table>

CONNECTIVITY

Input
HDMI, DP, 4 x USB 2.0, Audio

Output
DVI External Speaker Out

External Control
RS232, RS485, USB, DVI-D, D-Sub 15pin

Frost glass
7.5 mm (AR, Front Safety Vandal Glass)

Bezel Color
Medium Texture Black (Common color)

Bezel Width
164.7 mm (W), 71.1 mm (L)

Monitor Dimensions (W x H x D)
375.3 x 1,345.4 x 180.2 mm

Weight (Head)
73 kg

Weight (Head-Stand)
140.5 kg

Weight (Head-Stand Dimensions (W x H x D))
745.3 x 542 x 430 mm

Environment Conditions

Operation Temperature
-30 °C to 50 °C

Operation Humidity
5% ~ 95%

Direct Sunlight
Yes

Dust / Water / Ingress Proofing
IP 56

Power Supply
100 ~ 240 V, 50/60 Hz

Power Type
Built-in Power

Power Consumption
Typ./Max.: 350 W / 500 W

Smart Energy Saving
178 W

EMC
FCC Class A / CE / VDE

FCC Class B / CE / VDE

Reliability / Energy Saving
No / No

Certification / Compatibility
SuperSign W/Lite, SuperSign C

Accessories
Remote controller (Amuio), USB enclosure, USB cable, HDMI cable.

Optional Accessories
External media player, Media player (driven by customer), Enclosure Stand

UPC
7 19162 06049 1

Dimensions (unit : mm)

(Monitor Top) 460.4 x 316.5 x 30.7 (Stand Front)

(Monitor Bottom) 40.0 x 289.2 x 40.0 (Stand Bottom)

(Monitor Side) 460.4 x 195.4 x 30.7 (Stand Side)

1 x 1 optional stand