## Specifications

### UH5C Series

<table>
<thead>
<tr>
<th>Panel Technology</th>
<th>IPS</th>
<th>IPS</th>
<th>IPS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contrast Ratio</strong></td>
<td>1,000:1</td>
<td>1,100:1</td>
<td>1,100:1</td>
</tr>
<tr>
<td><strong>Dynamic CR</strong></td>
<td>1,000,000:1</td>
<td>1,000,000:1</td>
<td>1,000,000:1</td>
</tr>
<tr>
<td><strong>Aspect Ratio</strong></td>
<td>16:9</td>
<td>16:9</td>
<td>16:9</td>
</tr>
<tr>
<td><strong>Native Resolution</strong></td>
<td>3,840 x 2,160 (UHD)</td>
<td>3,840 x 2,160 (UHD)</td>
<td>3,840 x 2,160 (UHD)</td>
</tr>
<tr>
<td><strong>Operation Temperature Range</strong></td>
<td>0°C to 40°C</td>
<td>0°C to 40°C</td>
<td>0°C to 40°C</td>
</tr>
<tr>
<td><strong>Brightness</strong></td>
<td>500 cd/m²</td>
<td>500 cd/m²</td>
<td>500 cd/m²</td>
</tr>
<tr>
<td><strong>Response Time</strong></td>
<td>8ms (G to G)</td>
<td>8ms (G to G)</td>
<td>8ms (G to G)</td>
</tr>
<tr>
<td><strong>Operation Humidity Range</strong></td>
<td>10% to 80%</td>
<td>10% to 80%</td>
<td>10% to 80%</td>
</tr>
</tbody>
</table>

### Connectivity

- **Input**: HDMI, DisplayPort, USB 3.0, SD Card
- **Output**: HDMI, DisplayPort, USB 3.0, SD Card
- **External Control**: RS-232C, RJ45, IR Receiver, Pixel Sensor
- **Output**: DP, Audio, External Speaker Out
- **Input**: HDMI, DisplayPort, DVI-D, Audio, USB 3.0, SD Card
- **Orientation**: Portrait & Landscape
- **External Control**: RS-232C OUT, RS-232C IN, USB 3.0, SD Card
- **Input**: HDMI, DisplayPort, DVI-D, Audio, USB 3.0, SD Card
- **Output**: DP, Audio, External Speaker Out
- **Input**: HDMI, DisplayPort, DVI-D, Audio, USB 3.0, SD Card
- **Output**: DP, Audio, External Speaker Out

### Special Features

- Temperature Sensor, Auto Brightness Sensor, Tile Mode (up to 16x16), Nature Mode/Tile Mode, DEF Warped, Internal Memory (8GB, System 4GB), Wi-Fi built-in (802.11a/b/g/n), USB Device, Content Scheduling, Sync mode, PM mode, Fail Over, Web on LGE, BEACON (DMS), Embedded Template, PIP/PBP

### Physical Specification

- **Panel**: IPS, IPS, IPS
- **Contrast Ratio**: 1,000:1, 1,100:1, 1,100:1
- **Dynamic CR**: 1,000,000:1, 1,000,000:1, 1,000,000:1
- **Aspect Ratio**: 16:9, 16:9, 16:9
- **Native Resolution**: 3,840 x 2,160 (UHD), 3,840 x 2,160 (UHD), 3,840 x 2,160 (UHD)
- **Operation Temperature Range**: 0°C to 40°C, 0°C to 40°C, 0°C to 40°C
- **Brightness**: 500 cd/m², 500 cd/m², 500 cd/m²
- **Response Time**: 8ms (G to G), 8ms (G to G), 8ms (G to G)
- **Operation Humidity Range**: 10% to 80%, 10% to 80%, 10% to 80%
- **Power Type**: Built-In Power, Built-In Power, Built-In Power
- **Power Supply**: 100-240 V~, 50/60 Hz, 100-240 V~, 50/60 Hz, 100-240 V~, 50/60 Hz
- **Consumption**: 120 W, 120 W, 120 W
- **Life Time (Min.)**: 50,000 hours (Typ.), 50,000 hours (Typ.), 50,000 hours (Typ.)
- **Operation Hours**: 24 hours, 24 hours, 24 hours
- **External Control**: RS232C, RJ45, IR Receiver, Pixel Sensor
- **Output**: DP, Audio, External Speaker Out
- **Input**: HDMI, DisplayPort, DVI-D, Audio, USB 3.0, SD Card
- **Orientation**: Portrait & Landscape
- **External Control**: RS-232C OUT, RS-232C IN, USB 3.0, SD Card
- **Input**: HDMI, DisplayPort, DVI-D, Audio, USB 3.0, SD Card
- **Output**: DP, Audio, External Speaker Out
- **Input**: HDMI, DisplayPort, DVI-D, Audio, USB 3.0, SD Card
- **Output**: DP, Audio, External Speaker Out

### ErP / Energy Star

- **NA / EPA 7.0**
- **FCC Class “A” / CE / KCC**

### Bezel Color

- **Black**
- **Black**
- **Black**

### Monitor Dimension (W x H x D)

- **1,458.6 x 848.9 x 40.1 mm**
- **1,239.8 x 725.2 x 38.6 mm**
- **1,103.2 x 648.0 x 38.6 mm**

### OPS Type

- **Compatible Yes**
- **Yes**
- **Yes**

### External Media Player

- **Attachable Yes** (MP500 / MP700)
- **Yes** (MP500 / MP700)
- **Yes** (MP500 / MP700)

### Weight (Head)

- **26.0 kg**
- **16.6 kg**
- **13.3 kg**

### SuperSign W/Lite

- **Yes**
- **Yes**
- **Yes**

### Carton Dimensions (W x H x D)

- **1,561 x 971 x 190 mm**
- **1,330 x 807 x 170 mm**
- **1,197 x 760 x 166 mm**

### Packed Weight

- **32.5 kg**
- **21.1 kg**
- **17.7 kg**

### VESA Adapter

- **300 x 300 mm**
- **300 x 300 mm**
- **300 x 300 mm**

### Connectivity

- **HDMI, DisplayPort, USB 3.0, SD Card**
- **HDMI, DisplayPort, USB 3.0, SD Card**
- **HDMI, DisplayPort, USB 3.0, SD Card**

### Power Type

- **Built-In Power**
- **Built-In Power**
- **Built-In Power**

### Power Supply

- **100-240 V~, 50/60 Hz**
- **100-240 V~, 50/60 Hz**
- **100-240 V~, 50/60 Hz**

### Consumption

- **Typ. 116 W**
- **80 W**
- **70 W**

### Smart Energy Saving

- **90 W**
- **116 W (Typ.)**
- **80 W (Typ.)**

### Built-in Wi-Fi

- **Mirror**: Content sharing is more convenient on a Wi-Fi network.
- **Soft AP**: The UHSC with Soft AP software can operate as a wireless access point for mobile devices.

### Cost Effectiveness

- **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.

### Key Features

- **Ultra HD**: Ultra HD Large screen delivers immersive viewing experience by 4 times higher definition picture quality than FHD.
- **High Efficiency Video Coding**: Supports HEVC-based content which has the double data compression ratio than the H.264, so network traffic can be reduced by half.

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**The new Ultra HD display, UH5C Series supports displaying Ultra HD content as well as a divided content layout to show up to 2 split images on one screen. Its benefit enables you to create various formats of content to deliver commercial message effectively.**

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**Learn more**: [www.lg.com/b2b](http://www.lg.com/b2b) or [www.lgecommercial.com](http://www.lgecommercial.com)

**OPS Kit (KT-OPSA), HDBaseT (EB-B100)**

**Remote Controller (2ea batteries included)**

**Wall bracket (LSW350B)**

**Power cord, QSG, HDMI cable**, VESA Adapter (AM-B330S), Internal Memory (8GB, System 4GB), Wi-Fi built-in (802.11a/b/g/n), USB Device, Content Scheduling, Sync mode, PM mode, Fail Over, Web on LGE, BEACON (DMS), Embedded Template, PIP/PBP

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**Immersive Screen with Smart Platform**

**Ultra HD UHSC Series 65”, 55”, 49”**

**Screen Sizes**
- 65”, 55”, 49”

**UHSC Series**
- **Brightness**: 500 cd/m²
- **Bezel**: 11.9 mm (T), 12.4 mm (L/R), 15.5 mm (B) (49”)
- **Depth**: 38.6 mm
- **Interface**: HDMI / DVI / DP / RGB / IR / RS232C / SD Card / USB

**Support Network Protocol**

**IP Streaming Protocol**
Various types of IP video streaming protocol are supported, such as RTSP/RTP, MMS, HLS and MPEG-2 TS*.

**Secure Communication Protocol**
By supporting HTTPS* protocol, communication between server and signage is more secure.

**Proxy Server**
Web access speed and security can be improved by supporting Proxy Server (A server that acts as an intermediary for requests from clients seeking resources from other servers.)

**Dimensions (unit : mm)**

**65”**
1458.6 x 848.9 x 40.1 / 26.0 Kg

**55”**
1239.8 x 725.2 x 38.6 / 16.6 kg

**49”**
1103.2 x 648 x 38.6 / 13.3 kg

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**Other Features**

**Smart Platform**

**Quad Core SoC**
The high-performance SoC can execute several tasks at the same time and provides smooth content playback.

**webOS**
The webOS 3.0 platform provides powerful and convenient creation tools, including app development materials.

**Group Manager**
Content can be created, distributed and controlled by a signage without a dedicated PC or server.

**PBP (Picture-By-Picture) / PIP (Picture-In-Picture)**
PBP (Picture-By-Picture) and PIP (Picture-In-Picture) features enable you to compose various layouts for several digital devices.

*SoC : System-on-Chip

* HTTPS : Hypertext Transfer Protocol over Secure Socket Layer