# Specifications

## LS75C Series

<table>
<thead>
<tr>
<th>Screen Size</th>
<th>55LS75C</th>
<th>49LS75C</th>
<th>42LS75C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel Technology</td>
<td>IPS</td>
<td>IPS</td>
<td>IPS</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
<td>16:9</td>
<td>16:9</td>
</tr>
<tr>
<td>Native Resolution</td>
<td>1,920 x 1,080 (FHD)</td>
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</tr>
<tr>
<td>Brightness</td>
<td>700 cd/m²</td>
<td>700 cd/m²</td>
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</tr>
<tr>
<td>Contrast Ratio</td>
<td>1,300:1</td>
<td>1,300:1</td>
<td>1,300:1</td>
</tr>
<tr>
<td>Viewing Angle</td>
<td>178° x 178°</td>
<td>178° x 178°</td>
<td>178° x 178°</td>
</tr>
<tr>
<td>Response Time</td>
<td>5 ms (G to G), 6 ms (G to B)</td>
<td>5 ms (G to G), 6 ms (G to B)</td>
<td>5 ms (G to G), 6 ms (G to B)</td>
</tr>
<tr>
<td>Surface Treatment</td>
<td>Hard Coating (3H), Anti-glare Treatment of the Front Polarizer (Haze 10%)</td>
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</tr>
<tr>
<td>Guarantee/Operation Hours</td>
<td>20,000 hrs</td>
<td>16,000 hrs</td>
<td>24,000 hrs</td>
</tr>
<tr>
<td>Orientation</td>
<td>Portrait &amp; Landscape</td>
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</tr>
</tbody>
</table>

## Connectivity

<table>
<thead>
<tr>
<th>Function</th>
<th>55LS75C</th>
<th>49LS75C</th>
<th>42LS75C</th>
</tr>
</thead>
<tbody>
<tr>
<td>RS232C OUT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS232C IN</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USB 3.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HDMI</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DVI-D</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DP OUT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IR &amp; Light Sensor</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

## Environmental Features

- Temperature Sensor
- Auto Brightness Sensor
- Tile Mode (up to 15×15)
- Wake on LAN
- DPM Select
- OSM Wake Up
- Energy Saving
- Smart Energy Saving
- Fail Over

## Special Features

- TEMPERANCE (Temperature Sensor, Auto Brightness Sensor, Tile Mode up to 15×15, Wake on LAN, DPM Select, OSM Wake Up, Energy Saving, Smart Energy Saving, Fail Over)
- Internal Memory (8GB / SD Card (up to 128GB))
- External Memory (USB 3.0, USB 2.0, SD Card (up to 128GB))
- Quad Core SoC

## Standard (Certification)

- UL / cUL / CB / TUV / VDE
- UL / cUL / CB / TUV / VDE
- UL / cUL / CB / TUV / VDE
- EMC: FCC Class "F" / CE / VCCI
- FCC Class "F" / CE / VCCI
- FCC Class "F" / CE / VCCI

## Hardware

- Memory: 16GB (System 4GB + Available 12GB)
- Wi-Fi Dongle Ready (802.11n)
- USB Cloning
- Fail Over

## Smart Platform with a Powerful Embedded System-on-Chip

**The LS75C Series, webOS signage, allows for customized apps that are easy to create using LG’s Software Development Kits. The high-performance SoC reduces the total cost of ownership and simplify installation, allowing you to manage content more conveniently. The LS75C series strengthens capability in supporting various network-based protocols.**

## Key Features

- **Smart Platform**
  - The high-performance SoC can execute several tasks at the same time and provides smooth content playback.
  - Enables you to compose various layouts for several digital devices.
  - PBP (Picture-By-Picture) / PIP (Picture-In-Picture)

- **webOS v3**
  - 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.

## Connectivity

- 55LS75C: 49LS75C: 42LS75C
- Monitor Group 1
- Monitor Group 2
- Monitor Group 3
- Monitor Group 4
- Monitor Group 5

## Software Compatibility

--preferential: Yes (MP500 / MP700)
- In-preferential: Yes (MP500 / MP700)
- standard: Yes (MP500 / MP700)

## Accessories

- Basic: Remote Controller (2ea batteries included), Power Cord, IR / Light Sensor Receiver, QSG, Regular Book
- Optional: External Speaker (SP-2100), ST-200T, LSW440S, Wi-Fi USB Dongle (AN-WF500), OPS Kits (KT-OPSA), Pixel Sensor (KT-SP0)
Smart Platform with a Powerful Embedded System-on-Chip
Standard Premium LS75C Series

Key Features

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

Secure Communication Protocol
By supporting HTTPS* protocol, communication between the 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.)

Wireless Solution
Mirroring
Content sharing is more convenient on a Wi-Fi network.

SoftAP
The LS75C with SoftAP software can operate as a wireless access point for mobile devices.

Simple Installation
Installation has been simplified by removing the external media player and Ethernet/RS232C cables.

Supportive Convenience
BEACON
With BEACON and Bluetooth Low Energy (BLE) supported by LS75C*, retail stores can provide coupons and information in real-time. When Wi-Fi dongle is connected, the BEACON is available.

Industrial Design
Slimmer Even Bezel & Depth
The thinner bezel & depth allows a perfect fit for a sleek look.

Detachable Logo
Portrait mode allows the logo to be positioned in the desired setting.

Dimensions (unit: mm)

<table>
<thead>
<tr>
<th>Screen Size</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>55&quot;</td>
<td>1,230 x 714 x 32 / 20.7 kg</td>
<td></td>
</tr>
<tr>
<td>49&quot;</td>
<td>1,095 x 637 x 32 / 15.6 kg</td>
<td></td>
</tr>
<tr>
<td>42&quot;</td>
<td>949 x 555 x 32 / 12.5 kg</td>
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</tr>
</tbody>
</table>

* LS75C is enhanced to support iBeacon** and Eddystone***
** iBeacon: Bluetooth Low Energy beacon profile released by Apple in 2013
*** Eddystone: Bluetooth Low Energy beacon profile released by Google in 2015