The SM5D series strengthens capability in supporting various network-based protocols.

Using LG’s Software Development Kit. The built-in Wi-Fi and SoC reduce the total cost of ownership and simplify installation, allowing you to manage content more conveniently.

The SM5D Series, webOS 3.0+ Signage, allows for customized apps that are easy to create using LG’s Software Development Kit. The built-in Wi-Fi and SoC reduce the total cost of ownership and simplify installation, allowing you to manage content more conveniently. The SM5D series strengthens capability in supporting various network-based protocols.

Key Features

- Quad Core SoC*
  The high performance SoC can execute several tasks at the same time and provides smooth content playback without an external media player.

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

- Integrated CMS (Contents Management System)
  You can edit contents, check your schedule, and one-group manager function etc. without a separate PC. It is one-step system that enables you to manage the signage.

- Portrait & Landscape Mode
  webOS 3.0+ signage supports portrait and landscape display to suit your content and space.

- EZ Setting
  As all its unique functions are indexed in EZ setting, you can enjoy convenient access to setting for efficient management.

Specifications

**SM5D Series**

<table>
<thead>
<tr>
<th>Panel Size</th>
<th>65SM5D</th>
<th>55SM5D</th>
<th>49SM5D</th>
<th>43SM5D</th>
<th>32SM5D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screen Size</td>
<td>65&quot;</td>
<td>55&quot;</td>
<td>49&quot;</td>
<td>43&quot;</td>
<td>32&quot;</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
<td>16:9</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</td>
<td>1,920 x 1,080</td>
<td>1,920 x 1,080</td>
<td>1,920 x 1,080</td>
<td>1,920 x 1,080</td>
</tr>
<tr>
<td>Brightness (Typ.)</td>
<td>450 cd/m²</td>
<td>450 cd/m²</td>
<td>450 cd/m²</td>
<td>450 cd/m²</td>
<td>450 cd/m²</td>
</tr>
<tr>
<td>Viewing Angle (H x V)</td>
<td>178 x 178</td>
<td>178 x 178</td>
<td>178 x 178</td>
<td>178 x 178</td>
<td>178 x 178</td>
</tr>
<tr>
<td>Response Time</td>
<td>8 ms (G to G), 10 ms (MPRT)</td>
<td>8 ms (G to G), 10 ms (MPRT)</td>
<td>8 ms (G to G), 10 ms (MPRT)</td>
<td>8 ms (G to G), 10 ms (MPRT)</td>
<td>8 ms (G to G), 10 ms (MPRT)</td>
</tr>
<tr>
<td>Surface Treatment</td>
<td>Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 1%)</td>
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</tr>
<tr>
<td>Supply Voltage</td>
<td>100-240 V±10%, 50/60 Hz</td>
<td>100-240 V±10%, 50/60 Hz</td>
<td>100-240 V±10%, 50/60 Hz</td>
<td>100-240 V±10%, 50/60 Hz</td>
<td>100-240 V±10%, 50/60 Hz</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>Typ. 120 W</td>
<td>Typ. 120 W</td>
<td>Typ. 120 W</td>
<td>Typ. 120 W</td>
<td>Typ. 120 W</td>
</tr>
<tr>
<td>PBP (Picture-By-Picture) and PIP (Picture-In-Picture) features enable you to compose various layouts for several digital devices.</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
Key Features

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.)

Built-in Wi-Fi

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

Soft AP
The SM5D with Soft AP software can operate as a wireless access point for mobile devices.

Convenient Management

Enhanced Connectivity
Through its diverse interface, the signage lets you connect more than one device for optimal use.

Supportive Convenience

BEACON
With BEACON and Bluetooth Low Energy (BLE) supported by SM5D*, retail stores can provide coupons and information in real time.

Enhanced Maintenance

Dust & Humidity Protection
Circuit board reliability is enhanced with conformal coating that protects against dust, iron powder, humidity and other harsh conditions.

Industrial Design

Detachable logo
The detachable logo allows for installation in the desired orientation: landscape or portrait mode.

BEACON
*SM5D 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

Dimensions (unit: mm)

65" 1,456.9 x 838 x 41.1 / 27.7 kg

55" 1,238 x 714.9 x 38.6 / 17.3 kg

49" 1,102.2 x 638.5 x 38.6 / 14.1 kg

43" 969.6 x 563.9 x 38.6 / 9.8 kg

32" 729.4 x 428.9 x 55.5 / 5.2 kg

IP Streaming Protocol
*RTSP (Real-Time Streaming Protocol), RTP (Real-time Transport Protocol), MMS (Microsoft Media Server), HLS (http live streaming)

HTTPS: Hypertext Transfer Protocol over Secure Socket Layer

*HTTPS: Hypertext Transfer Protocol over Secure Socket Layer

Proxy Server

Administrador

Content Server

Streaming Server

*HTTPS (Hypertext Transfer Protocol over Secure Socket Layer)

SM5D Series

- Brightness: 450 cd/m² (32" 400 cd/m²)
- Bezel: T/L/R 11.9 mm (32" 13 mm), B 18.0 mm
- Depth: 38.6 mm (65" 41.1 mm, 32" 55.5 mm)
- Interface: HDMI (2) / DVI / DP / IR / RS232C / USB

Screen Sizes

65", 55", 49", 43", 32"