## Specifications

### SM5KD Series

<table>
<thead>
<tr>
<th>Model</th>
<th>49SM5KD</th>
<th>43SM5KD</th>
<th>32SM5KD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screen Size</td>
<td>49&quot;</td>
<td>43&quot;</td>
<td>32&quot;</td>
</tr>
<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>3840 x 2160</td>
<td>3840 x 2160</td>
<td>3840 x 2160</td>
</tr>
<tr>
<td>Brightness (cd/m²)</td>
<td>450</td>
<td>450</td>
<td>450</td>
</tr>
<tr>
<td>Viewing Angle (HxV)</td>
<td>178° x 178°</td>
<td>178° x 178°</td>
<td>178° x 178°</td>
</tr>
<tr>
<td>Response Time</td>
<td>16.7 ms (G to G BW), 33.3 ms (WOT)</td>
<td>12 ms (G to G BW), 24 ms (WOT)</td>
<td>12 ms (G to G BW), 24 ms (WOT)</td>
</tr>
<tr>
<td>Surface Treatment</td>
<td>Hard coating</td>
<td>Anti-glow treatment</td>
<td>Anti-glow treatment</td>
</tr>
<tr>
<td>Guaranteed Operating Hour</td>
<td>20,000</td>
<td>20,000</td>
<td>20,000</td>
</tr>
</tbody>
</table>

### Input/Output

- **Input**: HDMI/DI, DP, RJ, IR Receiver, Pixel Sensor
- **Output**: DP, Audio

### Physical

- **Panel Technology**: IPS
- **Native Resolution**: 1,920 x 1,080 (FHD)
- **Brightness**: 450 cd/m² (49SM5KD), 400 cd/m² (43SM5KD, 32SM5KD)
- **Weight (Head)**: 27.9 kg (49SM5KD), 17.5 kg (43SM5KD), 14.3 kg (32SM5KD)
- **Monitor Dimension (W x H x D)**: 1,456.9 x 838 x 56.5 mm (49SM5KD), 1,238 x 714.9 x 54 mm (43SM5KD), 1,102.2 x 638.5 x 54 mm (32SM5KD)
- **Orientation**: Portrait & Landscape
- **External Control**: RS232C in/out, RJ in, IR Receiver, Pixel Sensor
- **Output**: DP, Audio
- **Bezel Color**: Black
- **Response Time**: 10 ms (G to G BW), 20 ms (WOT)

### Special Features

- **Built-in Speaker Model (10W x 10W)**

### Environmental Conditions

- **Operating Temperature**: 0°C to 40°C (49SM5KD), 0°C to 40°C (43SM5KD), 0°C to 40°C (32SM5KD)
- **Operating Humidity**: 10% to 80% (49SM5KD), 10% to 80% (43SM5KD), 10% to 80% (32SM5KD)

### Power

- **Power Supply**: 100-240 V~, 50/60 Hz
- **Power Switch**: No
- **Power Consumption**: 120 W (49SM5KD), 100 W (43SM5KD), 90 W (32SM5KD)

### Dimensions

- **Monitor with Optional Stand**: 293.7 mm (49SM5KD), 253.7 mm (43SM5KD), 223.7 mm (32SM5KD)
- **Carton Dimensions (W x H x D)**: 1,561 x 977 x 190 mm (49SM5KD), 1,330 x 807 x 170 mm (43SM5KD), 1,197 x 760 x 166 mm (32SM5KD)
- **Weight (Head + Stand)**: 33.1 kg (49SM5KD), 20.8 kg (43SM5KD), 17.6 kg (32SM5KD)
- **Weight (Head)**: 27.9 kg (49SM5KD), 17.5 kg (43SM5KD), 14.3 kg (32SM5KD)

### Connectivity

- **VESA Adapter**: (AM-B330S, AM-B220S)
- **Wall Bracket**: (LSW350B, LSW230B)
- **Touch Overlay**: (KT-T651, KT-T550, KT-T490, KT-T430, KT-T320)
- **Pixel Sensor**: (KT-SP0, KT-SP1, KT-SP2)
- **HDBaseT**: (EB-B100)
- **OPS Kit**: (KT-OPSA)
- **Stand**: (ST-652T, ST-492T, ST-432T, ST-322T)
- **Touch Overlay**: (KT-T651, KT-T550, KT-T490, KT-T430, KT-T320)
- **External Media Player**: Attached (Yes/No)
- **Power Type**: Built-In Power
- **Audio Power**: 20 W (10 W x 2)
- **Audio Power (RMS)**: 12 ms (G to G BW), 20 ms (WOT)

### Smart Platform

- **Smart Platform with a Powerful Embedded System-on-Chip**
  - **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.
- **Built-in Speaker Model (10W x10W)**

### Key Features

- **Smart Platform**
  - **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) / PIP (Picture-In-Picture)**
  - **PBP (Picture-By-Picture)** and **PIP (Picture-In-Picture)** features enable you to compare 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-stop system that enables you to manage the signage.**

### Portrait & Landscape Mode

- **When using the signage in Portrait Mode, GUI tailored to Portrait Mode** is provided without affecting images’ indexed in EZ setting, you can enjoy.

### EZ Setting

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

SoftAP

The SM5KD with SoftAP 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 SM5KD®, 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.