LCD Display Wall

[LM55P3]

Specifications:

- **Model**: LM55P3
- **Resolution**: Full HD (1920 × 1080 pixels)
- **Screen size**: 55” diagonal (H: 1209.6 mm / V: 680.4 mm)
- **Backlight**: LED (Direct)
- **Lifetime**: 60,000 hours (typ.)
- **Viewing angle**: 178° (CR>10)
- **Brightness**: 700 cd/m² (typ.)
- **Contrast ratio**: 500 cd/m² (typ.) / 1200:1 (typ.) / 240,000:1 (local dimming)
- **Display colors**: 1.07 billion (10-bit)
- **Input connectors**: DVI-D (with HDCP) x1, DisplayPort™ (1.2a) x1, D-sub 15
- **Output connectors**: 3.5 mm phone jack
- **Control signals**: RS-232C: 2.5 mm phone jack, LAN: RJ45 (10BASE-T/100BASE-TX), Wired remote: 3.5 mm phone jack, IR receiver
- **Optional input board slot**: Intel® OPS slot ×1
- **Power consumption**: 250 W (typ.), 180 W (typ.)
- **Voltage range**: AC 100 - 240 V ± 10%, 50/60 Hz ± 1Hz
- **Weight**: 25 kg (55.1 lbs)
- **Condition for operation**: 5 - 35 °C (41 - 95 °F), 20 – 80 % relative humidity

Additional notes:

- **Dimensions**: 1211.9 × 682.7 × 99 mm (excluding handles) (47.7 × 26.9 × 3.9”)
- **Ambient temperature**: When the ambient temperature rises over 30 ℃, the max stack height will be up to 4 units.
- **Image persistence**: No image staining occurs even in 24-hour operation, although the image persistence would still happen if a static image is displayed for a long term.
- **Stacking**: When using with BR-LM1KK, the optional wall mount frame: A certain additional physical gap is required to draw the monitors out for maintenance. About 1 mm is recommended.
- **Input and output**: Can receive a DisplayPort™ SST (single-stream transport) signal. For example, a regular 3840 × 2160 pixel image from a signal source can be displayed natively on a 2x2 of LCD wall through daisy chaining.
- **OPS**: OPS is a controller module and slot standard for digital signage produced by Intel® Corporation.

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Specifications are subject to change without notice.
High Definition. High Contrast. Extra narrow bezels smoothly integrate into multi-screen applications creating virtually seamless images.

- **Full high-definition monitor with near-seamless, extra-thin 1.8mm bezel**
  
  Our ultra-thin 1.8mm bezels produce multiple display images that are virtually seamless with gridlines that are almost invisible.

- **Reverse scan**
  
  Reverses direction of image scanning to smoothly play enlarged video on multiple displays.

- **Tiling compatibility with frame compensation**
  
  Frame compensation supports up to 225 displays in 15x15 configuration to avoid image distortion at the seams, ensuring image accuracy when spread across multiple screen displays.

- **Equipped with Intel® OPS Slot**
  
  LM55P3 is equipped with an Open Pluggable Specification (OPS) slot. Simply install the optional computer board to expand the scope of applications. A variety of peripheral equipment can be connected quickly and easily.

- **Optional Front-access Wall Mount Bracket**
  
  Exclusively designed for Mitsubishi LCD panels, the BR-LM1KK wall mount allows each panel to be easily accessed from the front of the display, making service and maintenance simple in either landscape or portrait installations.

- **Full HD, LED-backlit LCD Panels with Extra-narrow Bezel**
  
  Commercial-grade LED-backlit panels with high brightness and contrast. The panels also feature an extra-narrow bezel that minimises image content loss, a critical factor in multi-screen applications.

**Other Features**
- Digital Zoom
- SDI Connection (Option)
- Programmable Scheduling
- Screen-saver
- LAN Control
- Display Port
- Remote Control (Option)
- HDBaseT™ Input Board (Option)
**Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.**

**MITSUBISHI ELECTRIC CORPORATION**

**HEAD OFFICE: TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN**

www.MitsubishiElectric.com/bu/displaywall

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**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>LM55P3</th>
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</thead>
</table>

**Dimensions**

<table>
<thead>
<tr>
<th>Dimensions (W x H x D)</th>
<th>1211.9 x 682.7 x 99 mm (excluding handles)</th>
<th>47.7 x 26.9 x 3.9&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screen surface treatment</td>
<td>Anti-glare (haze 44 %)</td>
<td></td>
</tr>
<tr>
<td>Mullion size (Total)</td>
<td>1.8 mm (min.)</td>
<td></td>
</tr>
<tr>
<td>Resolution</td>
<td>Full HD (1920 x 1080 pixels)</td>
<td></td>
</tr>
<tr>
<td>Screen size</td>
<td>55&quot; diagonal (H: 1209.6 mm / V: 680.4 mm)</td>
<td></td>
</tr>
<tr>
<td>Backlight</td>
<td>LED (Direct)</td>
<td></td>
</tr>
<tr>
<td>Lifespan</td>
<td>60,000 hours (typ.)</td>
<td></td>
</tr>
<tr>
<td>Viewing angle</td>
<td>178° (Diag. 150°)</td>
<td></td>
</tr>
<tr>
<td>Maximum stack height</td>
<td>Landscape: 6 units (at 5 - 30 °C ambient temperature)</td>
<td></td>
</tr>
<tr>
<td>Brightness</td>
<td>High bright: 700 cd/m² (typ.)</td>
<td></td>
</tr>
<tr>
<td>Contrast ratio</td>
<td>Standard: 500 cd/m² (typ.)</td>
<td></td>
</tr>
<tr>
<td>Display colors</td>
<td>1.07 billion (10-bit)</td>
<td></td>
</tr>
</tbody>
</table>

**Input Connectors**

- Video: DVI-I (with HDCP) x1, DisplayPort™ (1.2a)*4 x1, D-sub 15 x1
- Audio: 3.5 mm phone jack
- Control: RS-232C: 2.5 mm phone jack, LAN-RJ45 (10BASE-T/100BASE-TX), Wired remote: 3.5 mm phone jack, IR receiver

**Output Connectors**

- Video: DisplayPort™ (1.2a)*4 x1
- Audio: 3.5 mm phone jack, SPDIF (optical digital audio output)
- Control: RS-232C: 2.5 mm phone jack, Wired remote: 3.5 mm phone jack

**Optional Input Board Slot**

- Intel® OPS slot x1*5

**Power Consumption**

- Without OPS: 250 W (typ.)
- With OPS: 320 W (typ.)

**Voltage Range**

- AC 100 - 240 V ± 10%, 50/60 Hz ± 1Hz

**Weight**

- 25 kg (55.1 lbs)

**Condition for Operation**

- Landscape: 5 - 30 °C (41 - 95 °F)
- Portrait: 5 - 30 °C (41 - 95 °F)
- High bright: 41 - 95 °F

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*1: When using with BR-LM1KK, the optional wall mount frame. A certain additional physical gap is required to draw the monitors out for maintenance. About 1 mm is recommended.

*2: No image burning occurs even in 24-hour operation, although the image persistence would still happen if a static image is displayed for a long term.

*3: When the ambient temperature rises over 30 °C, the max stack height will be up to 4 in high bright mode.

*4: Can receive a DisplayPort™ SST (single-stream transport) signal. For example, a regular 3840 x 2160 pixel image from a signal source can be displayed natively on 2x2 of LCD wall through daisy chaining.

*5: OPS is a controller module and slot standard for digital signage produced by Intel® Corporation.