LCD Display Wall

[LM55P2A, LM55P2V]

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

Full high-definition monitor with near-seamless, ultra-thin 3.5mm bezel
Our ultra-thin 3.5mm bezels produce multiple display images that are virtually seamless with gridlines that are almost invisible.

Dynamic brightness balance ensures uniformity over the life of your display wall
Mitsubishi Electric pioneered and developed Multi-Vision balancing technology and incorporates in all display walls, ensuring internal sensors and inter-screen communication functions work harmoniously to enable uniform brightness and balanced displays across multiple screens.

Achieve 4K Resolution with DisplayPort™ 1.2a through a simple 2x2 configuration
Using DisplayPort™ 1.2a, easily configure four LM55P2A and LM55P2V monitors in a 2x2 format via daisy-chain connection to achieve a 4K display (3,840 x 2,160) with stunning colors and clarity.

Tiling compatibility with frame compensation
Frame compensation supports up to 25 displays in 5x5 configuration to avoid image distortion at the seams, ensuring image accuracy when spread across multiple screen displays.

Picture-in-Picture feature allows quick access to auxiliary displays through screen layering
Two images can be easily layered and displayed on a single screen, with the sub-display movable to a user-desired location allowing optimal display of both screens.

Other Features
- PIP, POP and Side-by-side
- Digital Zoom
- Programmable Scheduling
- Screen-saver
- Power-on Delay
- LAN Control
- Display Port
- Remote Control (Option)
- Closed Caption
- HDBaseT™ Input Board (Option)

Located on the top right of the image is the BR-LM1KK Wall Mount Bracket, designed exclusively for Mitsubishi LCD panels, allowing 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 Ultra-narrow Bezel
Commercial-grade LED-backlit panels with high brightness and contrast. The panels also feature a ultra-narrow bezel that minimises image content loss, a critical factor in multi-screen applications.
**Specification**

<table>
<thead>
<tr>
<th>Model</th>
<th>LM55P2A</th>
<th>LM55P2V</th>
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<tbody>
<tr>
<td><strong>Dimensions</strong></td>
<td></td>
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<tr>
<td>(W x H x D)</td>
<td>1213.5x684.3x129mm (47.8x26.9x5.1&quot;)</td>
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</tbody>
</table>

- **Screen surface treatment**: Anti-glare (Haze 25%, Hard-coating)
- **Mullion size (Total)**: B-to-B 3.5mm (Typ.) / A-to-A 3.9mm (Typ.)
- **Display resolution**: Full HD (1920 x 1080) pixels
- **Viewable image size**: 55" (H: 1209.6mm, V: 680.4mm)
- **Backlight technology**: LED (Direct)
- **Viewing angle (H / V)**: 178 deg (CR>10) (Typ.)
- **Display orientation**: Landscape / Portrait
- **Brightness**: 700cd/m² (Typ., High Bright mode) / 500cd/m² (Typ., Standard mode)
- **Contrast ratio**: 4,000:1 (Typ.)
- **Display colors**: 16.7 million

**Input connectors**

- **Video**: DVI-D (with HDCP) x 1, HDMI x 1, DisplayPort™ x 1, RS-232C x 1, LAN control (RJ-45) x 1
- **Audio**: DVI-D (with HDCP) x 1, DisplayPort™ x 1, RS-232C x 1, LAN control (RJ-45) x 1

**Output connectors**

- **Video**: DVI-D (with HDCP) x 1, DisplayPort™ x 1, RS-232C x 1, LAN control (RJ-45) x 1
- **Audio**: DVI-D (with HDCP) x 1, DisplayPort™ x 1, RS-232C x 1, LAN control (RJ-45) x 1

**Signal frequency**

- **Analog**: H: 15.625/15.734/31.5-91.1KHz, V: 58-85Hz, Pixel clock: 25-165MHz
- **Digital**: H: 31.5-91.1KHz, V: 58-85Hz, Pixel clock: 25-165MHz

**OPS**

- Intel®OPS slot x 1

**Operating current**

- 2.9A (Typ., High bright mode) / 2.2A (Typ., Standard mode)

**Power consumption**

- 240W (Typ., High bright mode) / 200W (Typ., Standard mode)
- 170W (Typ., High bright mode) / 150W (Typ., Standard mode)

**Voltage range**

- 100-240VAC±10%, 50/60Hz±1Hz

**Weight**

- 32.5kg (Typ.)

**Operating environment**

- 5-35°C (41-95°F), 20-80% relative humidity

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**Eco Changes**

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.

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**MITSUBISHI ELECTRIC CORPORATION**

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www.MitsubishiElectric.com/bu/displaywall

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* LCD technology is susceptible to imagina persistence when showing the same static image for long periods of time.
* Service parts for this product are only stocked for five years after model production is discontinued.
* Intel® is a registered trademark of Intel Corporation in the U.S. and other countries.
* DisplayPort™ is a trademark of the Video Electronics Standards Association, registered in the U.S. and other countries.
* Product appearance in this brochure does not imply that Mitsubishi Electric Corporation intends to make it available in all countries where the company and its subsidiaries operate.
* Screen displays of the photographs in this brochure are simulated images only.
* Repairs or exchanges related to the deterioration of LCD due to continuous operation and panel aging, such as brightness or color changes, after-image retention or burn-in and the like, are not covered under warranty.
* HD Base T™ is a registered trademark of HD Base T Alliance.
* A power cord is not included with the main unit.

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**Connector Terminals**

| 1 | Remote controller connector |
| 2 | RS-232C connector (D-SUB 9-pin) |
| 3 | LAN connector |
| 4 | HDMI in |
| 5 | DVI-D in |
| 6 | DVI-D out |
| 7 | DISPLAYPORT in/out |
| 8 | D-SUB in |
| 9 | YPbPr/VIDEO in |
| 10 | OPS slot |

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**Options**

- **BR-LM1KK**: Remote controller with an IR sensor cable
- **DP-01RK**: Digital signal board with an IR sensor cable
- **DP-1SDI-3G**: 3G SDI board
- **VC-LM1HD**: Long-distance transmission supporting HDCP via a CAT5e(STP) cable is possible.