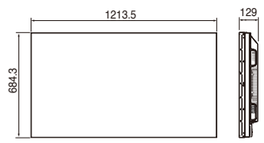
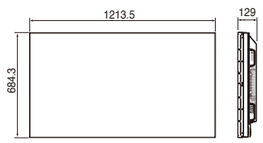
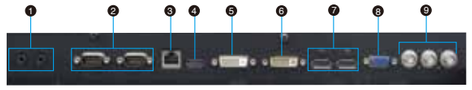
Specification

Model		LM55P2A	LM55P2V
Dimensions		 Unit: mm	 Unit: mm
Dimensions(W x H x D) *1		1213.5x684.3x129mm (47.8x26.9x5.1")	1213.5x684.3x129mm (47.8x26.9x5.1")(TBD)
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)	500cd/m² (Typ., High Bright mode) (TBD) 350cd/m² (Typ., Standard mode) (TBD)
Contrast ratio		4,000:1 (Typ)	
Display colors		16.7million	
Input connecors	Video	DVI-D (with HDCP) x1, HDMI x 1, DisplayPort™ (1.2a) x1, D-sub 15 x 1, Composit (BNC Y: shared with component video) x 1, Component (YPbPr)<BNC> x 1	
	Audio	-	
	Control	RS-232C x 1, ø3.5mm stereo mini jack x 1, LAN control (RJ-45) x 1 *2	
Output connectors	Video	DVI-D (with HDCP) x1, DisplayPort™ (1.2a) x1,	
	Audio	-	
	Control	RS-232C x 1, ø3.5mm stereo mini jack 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 *3		Intel®OPS slot x 1	
Power consumption		240W (Typ., High bright mode) 200W (Typ., Standard mode)	170W(Typ.,High bright mode)(TBD) 150W(Typ.,Standard mode)(TBD)
Voltage range		100-240VAC±10%, 50/60Hz±1Hz	
Weight		32.5kg(72lbs)(TBD)	
Operating environment		5-35°C (41-95°F) 20-80% relative humidity	

*1 Specifications are design figures only and do not include the space between displays. When using BR- LM1KK, an additional gap of 1mm is required. B-to-B: Bezel-to-Bezel, A-to-A: Active-to-Active
*2 When using a LAN system for all screens, the Dynamic Brightness balance function may not work.
*3 OPS is a controller module and slot standard for digital signage produced by Intel® Corporation.
*4 A power cord is not included with the main unit.

Connector Terminals



❶ Remote controller connector
❷ RS-232C connector (D-SUB 9-pin)
❸ LAN connector
❹ HDMI in
❺ DVI-D in
❻ DVI-D out
❼ DISPLAYPORT in/out
❽ D-SUB in
❾ YPbPr/VIDEO in
❿ OPS slot

Options

BR-LM1KK
Front-access wall mount bracket

DP-01RK
Remote controller with an IR sensor cable

DP-1SDI-3G
3G SDI Board

VC-LM1HD
Long-distance transmission supporting HDCP via a CAT6(STP) cable is possible.

eco Changes for a greener tomorrow

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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www.MitsubishiElectric.com/bu/displaywall

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Specifications are subject to change without notice.

MITSUBISHI ELECTRIC
Changes for the Better

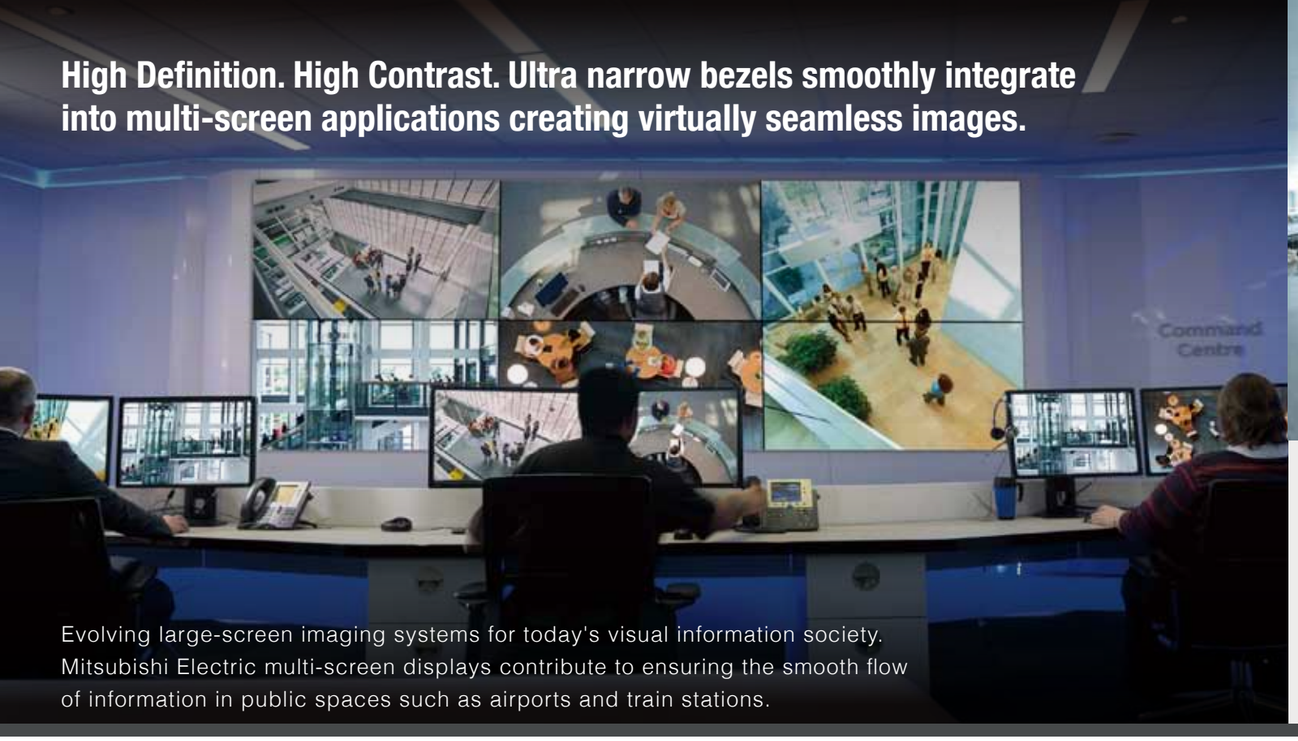
for a greener tomorrow eco Changes

LCD Display Wall

LCD Display Wall

[LM55P2A, LM55P2V]

High Definition. High Contrast. Ultra narrow bezels smoothly integrate into multi-screen applications creating virtually seamless images.



Evolving large-screen imaging systems for today's visual information society. Mitsubishi Electric multi-screen displays contribute to ensuring the smooth flow of information in public spaces such as airports and train stations.

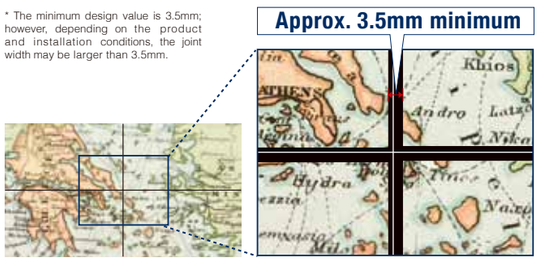
LM55P2A
LM55P2V

Full HD (1920 x 1080)
55"(Viewable image size: 1209.6x680.4)
Bezel width: 2.3mm(Upper/Left) / 1.2mm(Bottom/Right)

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.

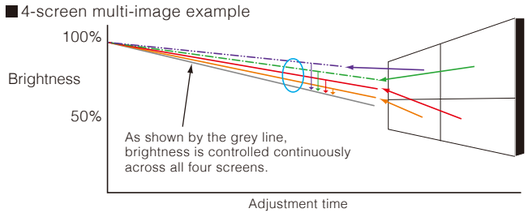
* The minimum design value is 3.5mm; however, depending on the product and installation conditions, the joint width may be larger than 3.5mm.



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.

■4-screen multi-image example



Tiling compatibility with frame compensation

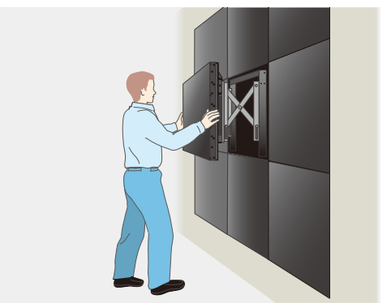
Frame compensation supports up to 25 displays in 5x5 configuration to avoid image distortion at the seams, ensuring image accuracy when spread across multiple screen displays.

Frame compensation off

Frame compensation on

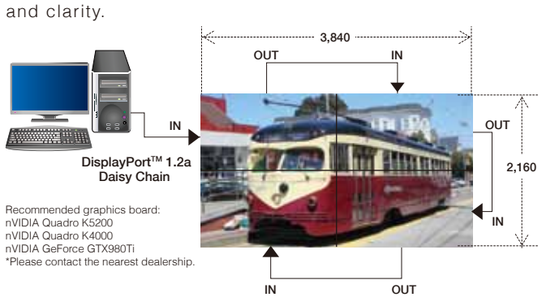
Optional Front-access Wall Mount Bracket

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.



Achieve 4K Resolution with DisplayPort™ 1.2a through a simple 2x2 configuration

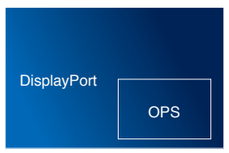
Using DisplayPort™ 1.2a, easily configure four LM55P2 monitors in a 2x2 format via daisy-chain connection to achieve a 4K display (3,840 x 2,160) with stunning colors and clarity.



Recommended graphics board:
nVIDIA Quadro K5200
nVIDIA Quadro K4000
nVIDIA GeForce GTX980Ti
*Please contact the nearest dealership.

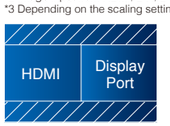
Picture-in-Picture feature allows quick access to auxiliary displays through screen layering

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.



PiP(Picture-in-Picture)

*1 Maximum sub-display size possible is 960×540 pixels.
*2 Image input from HDMI, DVI, D-SUB.DisplayPort™, OPS possible
*3 Depending on the scaling setting, in some cases there may be no movement.



PoP
(Picture-out-of-Picture)

P by P
(Picture-by-Picture)
(ASPECT)

P by P
(Picture-by-Picture)
(FULL)

Equipped with Intel® OPS Slot

LM55P2A and LM55P2V are 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.

* DS280GB1701E-T is product of Advantech, Co., Ltd.
Please contact the nearest dealership.

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.

Other Features

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