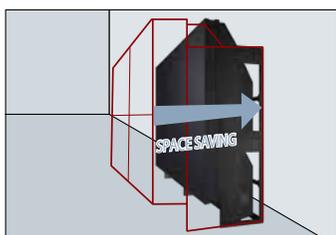




Displays Space-saving Design for Applications with Limited Space

New slim-depth design for 60" Full HD Cube

A new optical engine with a shorter-throw lens is designed to optimize the image of our new 60" full HD display while reducing the depth by up to 40% compared to our previous models with the conventional rear projection lens (Compared to VS-62WEF78).



Full front-access design allows easy service, maintenance, and installation

All installation, service and maintenance work can be performed from the front. In addition to the slim design, front accessibility saves space while still offering the benefit of rear-projection technology.

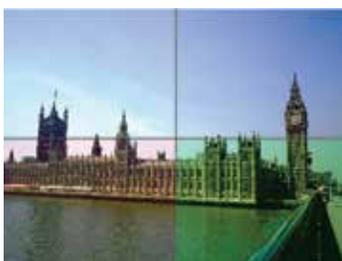


*For ventilation requirements, leave a space of 5cm or 2 inches at the back of the display unit, against the wall.

Equipped with Original Mitsubishi Electric Imaging Technologies for Creating and Sustaining the Best Images on Multiple Displays

Color Space Control Circuit

To compensate for the color and brightness inconsistencies on display wall cubes, Mitsubishi Electric has developed an original Color Space Control Circuit that balances and blends colors. The ratios of each primary color (red/green/blue) and other color mixtures are adjusted to provide consistent color blending and superior uniformity on multi-screen configurations.



without Color Space Control



with Color Space Control

Digital Gradation Circuit

Loss of brightness at the screen edges is no longer a problem due to Mitsubishi Electric's innovative digital gradation circuit. Brightness is distributed evenly across the screen, ensuring the reproduction of sharp, vivid images from edge to edge on multi-screen configurations.



without digital gradation

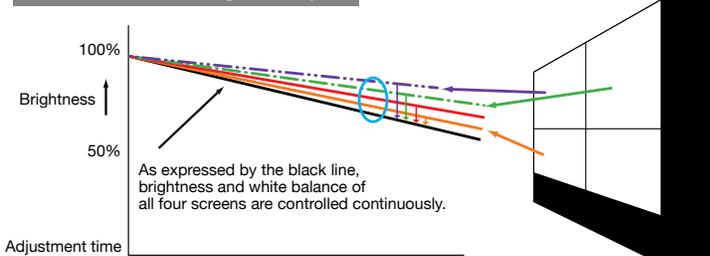


with digital gradation

Dynamic Color & Brightness Balancing

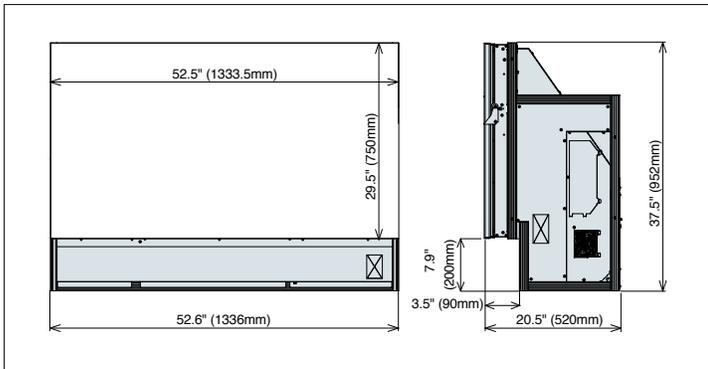
Each display wall cube is equipped with three built-in sensors (one for each primary color) that use a color and brightness maintenance algorithm. The sensors continually monitor the individual red, green and blue output of each display wall cube, share the data with adjacent cubes, and adjust performance automatically to produce extremely accurate colors and brightness balance over the entire display. These features make it possible to maintain image uniformity on multi-screen configurations over long periods of operation without using external software or a computer.

4-screen multi-image example



Specification

| | | |
|------------------------------|-------------|---|
| Model Name | | 60HS12U |
| Screen Size | | 60" |
| Native Resolution (*1) | | Full HD (1920 x 1080 pixels) |
| Accessibility | | Front |
| Technology | | DLP™ technology(0.65" DLP™ 1 chip)/DarkChip3™/BrilliantColor™(*2) |
| Brightness | Bright Mode | 700cd/m2 (Typ.) |
| | Normal Mode | 560cd/m2 (Typ.) |
| | Eco Mode | 280cd/m2 (Typ.) |
| Viewing Angle | Horizontal | 1/2 gain: ±35 deg, 1/10 gain: ±57 deg |
| | Vertical | 1/2 gain: ±10 deg, 1/10 gain: ±28 deg |
| Contrast Ratio | | 1000:1(Typ.) |
| Screen-to-Screen Gap | Horizontal | 1.0-2.5mm(*3) |
| | Vertical | 1.0-2.0mm(*3) |
| Light Source | | LED (RGB) |
| Estimated Lifetime (*4) | | 60,000hr |
| Key Parts Lifetime (Average) | DLP™ Chip | 60,000hr |
| | Cooling Fan | 60,000hr |
| Control Signal Input | | RS-232C: Dsub9 |
| | | LAN: RJ45(10BASE-T/100BASE-TX) |
| | | Dsub9 x 2(IN/OUT) |
| | | Mitsubishi Original Control Link |
| | | Wire remote: F3.5 Jack |
| Signal Input Terminal | | IR receiver |
| Signal Input Terminal | | DVI-I (digital with HDCP, analog) x1 |
| Power Consumption | Bright Mode | 123W (Typ.) |
| | Normal Mode | 96W (Typ.) |
| | Eco Mode | 61W (Typ.) |
| Voltage Range | | 100-240VAC±10%,50/60Hz±1Hz |
| Operating Current (100/240V) | | 1.7A/0.8A |



(*1) Including overscan image

(*2) DLP™, DarkChip3™ and BrilliantColor™ are trademarks of Texas Instruments.

(*3) Differs according to configuration and environment. The maximum screen-to-screen gap size is recommended for large display walls to allow for screen expansion due to heat and humidity.

(*4) The lifetime of the LED light source is an estimated value, rather than a guaranteed one.

(*5) Ships as a single integrated unit including optical unit, chassis, cabinet and screen.



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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