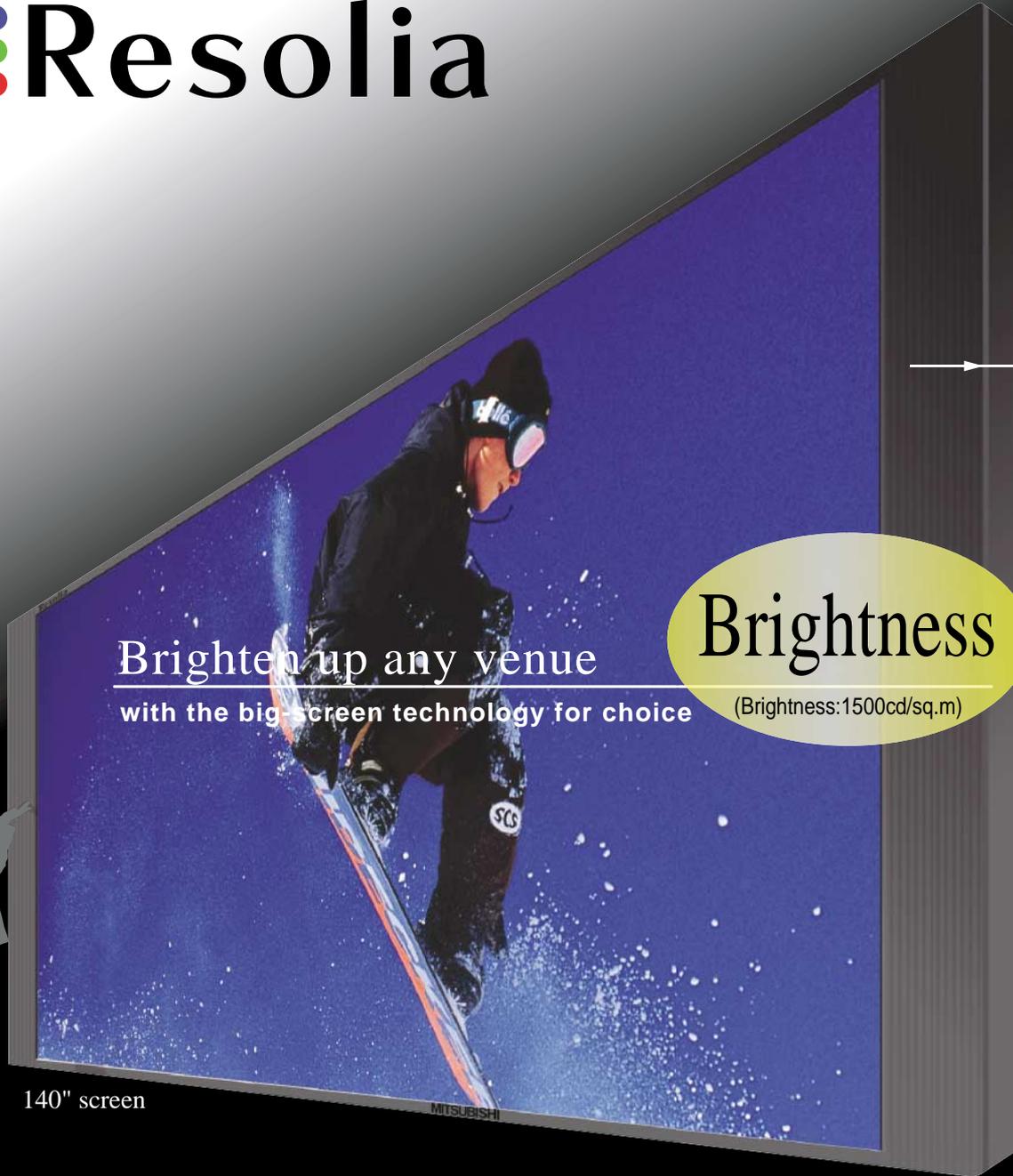


Full-Color LED Video Display System

Resolia



Just depth

150 mm

Brighten up any venue
with the big-screen technology for choice

Brightness

(Brightness:1500cd/sq.m)

140" screen

Widescreen

Bring excitement and presence closer to you



Department Stores, Retail Shop Windows, Shopping Malls
Display advertisements and public notices to keep customers informed of special sales promotions and all types of timely information.

High brightness for crystal clear images in brightly lit spaces

Resolia's light emitting diode (LED) technology delivers a high brightness of 1500 cd/sq.m, brilliant enough to display images clearly even in unusually bright venues or spaces subject to outdoor light. To ensure that colors stay vivid and true, the surface of the screen is equipped with a black matrix panel that minimizes reflection.



Airports, Train Stations, Bus Terminals
Display flight, travel and other pertinent information for greater passenger convenience and peace of mind.



Museums
Heighten visitors' interest by introducing exhibits with moving images.



Conferences and Meetings
For greater impact, include moving images in presentations.



Sporting Venues
Display game and player statistics, and playback of game highlights, in order to increase excitement and spectator enjoyment.



Churches, Lecture Halls, Educational Facilities
Increase the impact of devotional services, workshops and educational programs by displaying live video feeds and other visual aids.

Easy installation for quick setup and operation

Resolia is engineered for quick and easy setup simply connect the input signal and power cable. Its all-in-one integrated construction reduces the time required for on-site calibration and adjustment. In cases where the device cannot be carried in as a single unit due to space or other limitations, the screen can even be separated into right and left sections (optional) to facilitate installation.

Thin design for greater flexibility in placement

With a depth of only 150 mm and its front-access maintenance interface, Resolia can be mounted on walls or installed in places where space is limited, thus offering exceptional versatility for an extremely wide variety of applications. It brings the big screen experience to practically any venue.



Casinos, Hotel Lobbies
Special content designed to appeal to targeted demographics can provide incentives that increase the number of customers.



Information Displays at Financial Institutions
Transmit financial information and the latest news on stocks and exchange rates, etc.

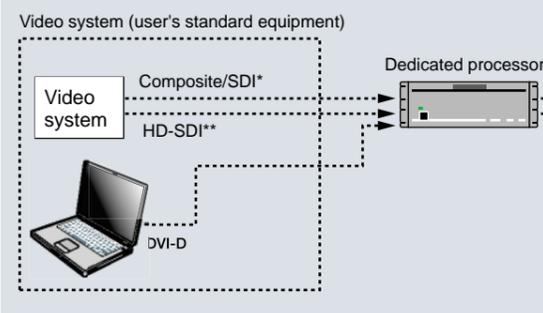


Exhibition Sites
A dazzling series of video presentations and live feeds can attract greater attention to sales booths and increase attendance at feature exhibits.

*Images are simulated

System Configuration

Control room



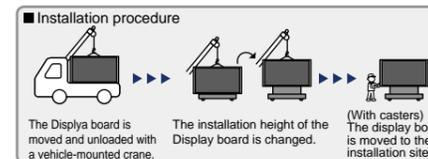
Display board



* With the standard model, one system can be selected from video (composite, or S-video, or SDI) or DVI-D system input.
** With the HD model (option), one system can be selected from the SDI, or DVI-D, or HD-SDI systems.
The audio system is not included.
.....▶ Supplied locally

Installation Examples

Stand-alone

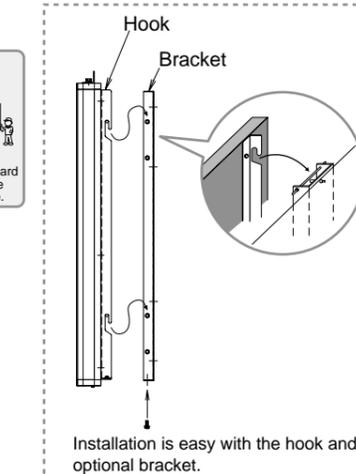
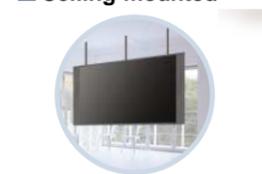


*The stand is optional. Contact your dealer for details.

Wall-mounted



Ceiling-mounted

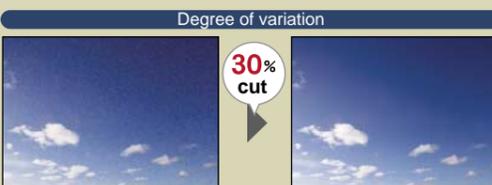
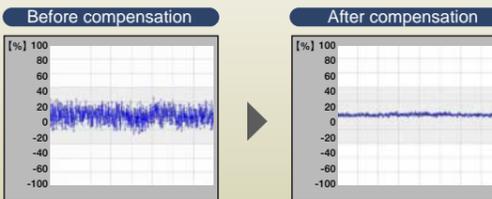


*Separate installation fees apply.

Two technologies realize high quality

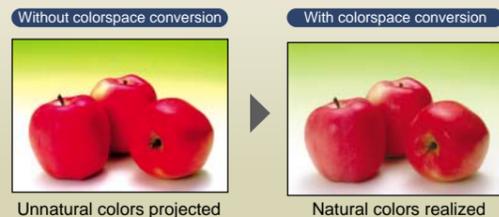
Brightness-variation compensation

Mitsubishi compensates for the brightness variation for each dot in each color.



Colorspace conversion technology

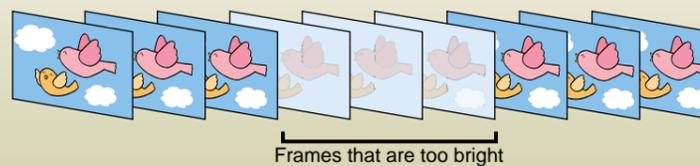
The LED's color gamut is converted to colors similar to a standard color television. This helps realize natural, comfortable color schemes showing images on the display closer to their original color.



Environmentally friendly, with low-cost operation

Energy-saving control

By monitoring image signals, frames (single images) that consume energy exceeding a set value are momentarily reduced to specific brightness. Peak electricity is minimized without viewers sensing a drop in brightness. This is extremely effective in applications such as advertising media, where daily operation is long.



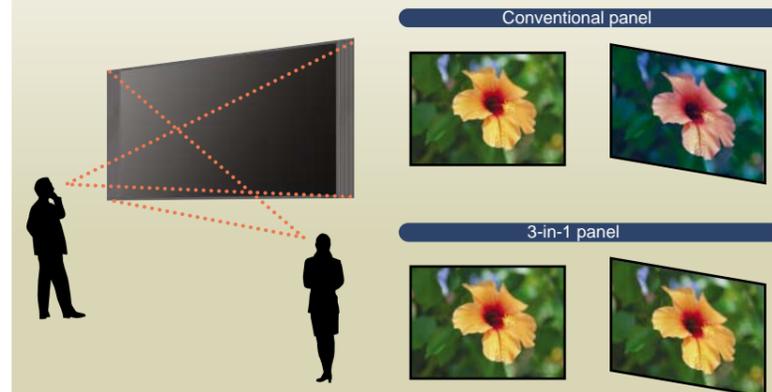
Brightness exceeding designated power limits is dropped momentarily.

Long life with no burning

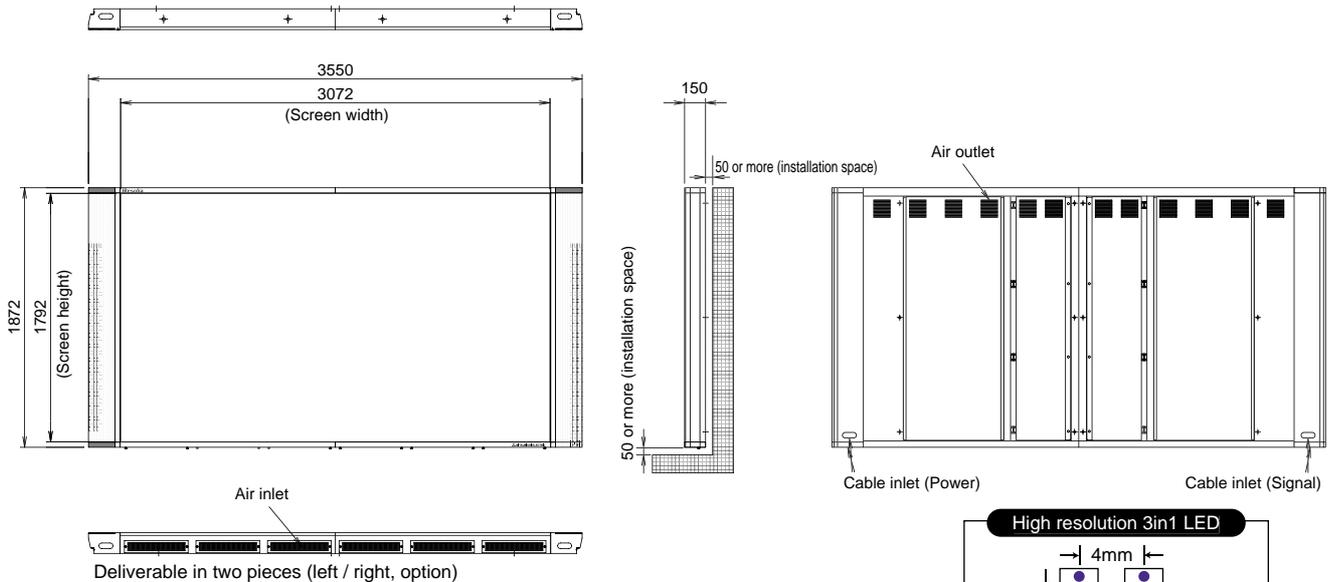
LEDs are highly reliable, long-lived semiconductors that do not burn and reduce brightness to 50,000 hours. When maintenance is required, single display units can be replaced on site, with no need to remove the entire display panel.

3-in-1 LEDs project the same color scheme in all directions

3-in-1 LEDs provide even light distribution patterns for each RGB color. Colorful images can be enjoyed from any angle.



Outline Dimension



Specifications

Display body ³	Screen size	W3072 x H1792 mm (140" diagonal)
	Pixel pitch	4.0 mm
	Number of pixels	W768 x H448 pixels
	Pixel configuration	3in1 LED
	Aspect ratio	15.4 : 9
	Resolution	62,500 pixels/sq.m
	Maximum brightness	1,500 cd/sq.m
	Processing (Gray scale)	each color has 4096 gradation (68 billion colors or more)
	Processing (Color)	18 bit
	Maintenance	Front service
	Viewing angle	H:150° V:120° (without shader) ^{*1}
	Outline dimensions	W3550 x H1872 x D150 mm
	Power supply	200 to 240VAC single-phase 2-wire+G 50/60Hz, 8.0kVA
	Lifetime (half brightness)	50,000 hrs.
	Average power consumption ^{*2}	4.8kW
	Mass (only screen) ^{*2}	380kg
Operating conditions	0 to 35°C, 0 to 95% (without condensation)	
Installation environment	Indoor	



* These specifications are subject to change without notice for improvements.

*1 A shader is available as an option.

*2 It differs responding to the installation environment.

Dedicated processor ^{*3}	Input signal	Composite video (NTSC/PAL), SD-SDI, DVI-D (VGA-XGA) [HD-SDI, DVI-D(SXGA) are available as options]
	Outline dimensions	W420 x H44 x D270 mm x 2sets
	Power supply	100 to 240VAC 50/60Hz (3-pin IEC plug) 0.6kVA
	Mass	3.8kg x 2sets

*3 The dedicated processors are installed separately.

Safety Precautions

- This panel must be installed by a specialist.
- This panel must always be used indoors.
- Always read the instruction manuals, etc., before use to ensure correct operation.

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