



Screen size		60" diagonal size (1218mm x 913mm)					
Abbreviated model name		60PH	60PHF	60XH	60XHf	60XL	60Xf
Native resolution		SXGA+ (1400 x 1050 pixels)			XGA (1024 x 768 pixels)		
Accessibility		Rear	Front	Rear	Front	Rear	Front
Technology		DLP™ technology / DarkChip3™ / BrilliantColor™					
Brightness		Bright mode					
		800cd/m ² (typ.)					
Viewability angle		Normal mode					
		700cd/m ² (typ.)					
Viewability angle		Horizontal					
		178° (1/2 gain ±36°)					
Viewability angle		Vertical					
		60° (1/2 gain ±10°)					
Contrast ratio		2400:1 (typ.)			2200:1 (typ.)		
Screen to screen gap		0.2 - 1.5mm (*1)	1.0 - 2.5mm (*2)	0.2 - 1.5mm (*1)	1.0 - 2.5mm (*2)	0.2 - 1.5mm (*1)	1.0 - 2.5mm (*2)
Lamp system		Lamp power					
		132W/150W					
		Average lifetime					
		10,000hrs (normal mode) / 6,000hrs (bright mode) [*3]					
Key parts average lifetime		Lamp switching time					
		1.0sec					
		Lamp changer system					
		O					
Control signal input		DLP™ chip					
		100,000hrs					
		Colour wheel					
		100,000hrs					
Input board slot for optional input board		Cooling fan					
		100,000hrs					
		LAN: RJ45 x1 (10 BASE-T/100 BASE-TX)					
		RS-232C: D-sub 9 pins x1					
Power consumption		Mitsubishi Electric original control link: D-sub 9 pins x2					
		Wire remote: F3.5jack x1					
		IR receiver					
		3 slots					
AC input voltage		AC 100-240V ±10%, 50/60Hz ±1Hz					
Operation environment		Temperature		Humidity			
		10°C - 35°C	10°C - 30°C	10°C - 35°C	10°C - 30°C	20% - 80% non-condensing	10°C - 35°C
Weight		88kg / 194lbs	94kg / 207lbs	88kg / 194lbs	94kg / 207lbs	87kg / 192lbs	93kg / 205lbs
Model number		Engine					
		VS-PH70U					
		VS-XH70U					
Model number		Cabinet		Screen			
		S-6070CA	S-6070CAF	S-6070CA	S-6070CAF	S-6070CA	S-6070CAF
Model number		Cabinet		Screen			
		SC-6070U	SC-6070UF	SC-6070U	SC-6070UF	SC-6070U	SC-6070UF

(*1) Depending on configuration and environment. 1.5mm recommended for large walls to allow for expansion due to humidity.
 (*2) Depending on configuration and environment. 2.5mm recommended for large walls to allow for expansion due to humidity.
 (*3) The average lamp life is a reference value advised by the lamp manufacturer, not guaranteed.

Optional Black Bead Screen upon special request

Abbreviated model name with optional Black Bead Screen		60PHB	60PHfB	60XHB	60XHfB	60XLB	60XfB
Model number for optional Black Bead Screen		SC-6070B	SC-6070BF	SC-6070B	SC-6070BF	SC-6070B	SC-6070BF
Brightness with optional Black Bead Screen		Bright mode					
		180cd/m ² (typ.)					
Viewability angle with optional Black Bead Screen		Normal mode					
		160cd/m ² (typ.)					
Viewability angle with optional Black Bead Screen		Horizontal					
		178° (1/2 gain ±35°)					
Viewability angle with optional Black Bead Screen		Vertical					
		178° (1/2 gain ±35°)					

Analog RGB input board

Model number		VC-B70G2
Signal input terminal (Analog RGB)		5BNC x1, HD D-sub 15 pins x1
RGB input scanning frequency		Signal resolutions
		VGA (640 x 480) - WUXGA (1920 x 1200)
Pixel clock rate		Horizontal
		31.5kHz - 92kHz
Functions		Vertical
		49Hz - 85Hz
Pixel clock rate		25MHz - 162MHz
Functions		Image scaling (shrink and zoom) Frame rate conversion

Digital RGB input board

Model number		VC-B70D2
Signal input terminal (Digital RGB)		DVID x2
RGB input scanning frequency		Signal resolutions
		VGA (640 x 480) - WUXGA (1920 x 1200)
Pixel clock rate		Horizontal
		31.5kHz - 92kHz
Functions		Vertical
		49Hz - 85Hz
Pixel clock rate		25MHz - 162MHz
Signal format		TMDS
Functions		Image scaling (shrink and zoom) Frame rate conversion

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Video input board

Model number		VC-B70V2
Signal input terminal (Analog video)		3BNC x2
Analog video input signals		NTSC, NTSC4.43, PAL, PAL-M, PAL-N, PAL-60, SECAM

Daisy-chain board

Model number		VC-B70DC
Signal input terminal		Analog RGB: HD D-sub 15 pins x1 Digital RGB: DVID x1 Analog video: 3BNC x1
Signal output terminal		Digital RGB: DVID x1 (for daisy-chain use only)
RGB input scanning frequency		Signal resolutions
		VGA (640 x 480) - WUXGA (1920 x 1200)
Pixel clock rate		Horizontal
		31.5kHz - 92kHz
Functions		Vertical
		49Hz - 85Hz
Analog video input signals		NTSC, NTSC4.43, PAL, PAL-M, PAL-N, PAL-60, SECAM
Pixel clock rate		25MHz - 162MHz
Functions		Image scaling (shrink and zoom) Frame rate conversion Daisy-chain (up to 16 panels)



70 Seventy Series:

60" Display Wall Cubes



Originality, Expertise & Innovation ~ Setting Global Standards for Display Wall Systems with Smart 7 Concept

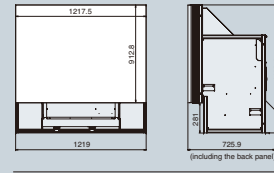
One of the first manufacturers to introduce display wallcubes using DLP™ technology in 1997, Mitsubishi Electric has a long history and extensive experience in the production of display wall systems.

Their popularity continues to grow among customers and partners, with more than 35,000 display wall units installed in countries around the world to date.

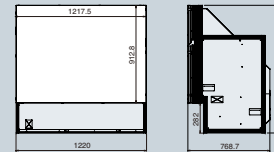
A leading product of our 7th-generation solutions, the 70 Series incorporates the latest cutting-edge technologies to ensure the delivery of superior picture quality and reliability; maintaining the excellent quality synonymous with the Mitsubishi Electric name.



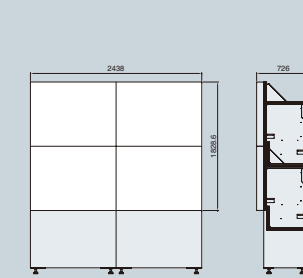
■ Single cube (Rear maintenance cube)



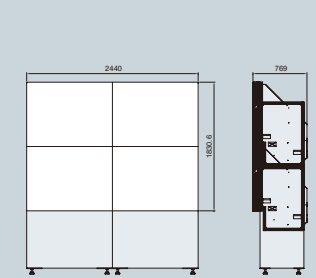
■ Single cube (Front maintenance cube)



■ 2x2 multi screen configuration (Rear maintenance cube)



■ 2x2 multi screen configuration (Front maintenance cube)



Intelligence

Advanced Smart Lamp

- Automatic colour adjustment after replacing the lamp
- A lamp switch function which detects the fading brightness of the lamp at the end of its service life
- A scheduled lamp switch function for alternate use of two lamps
- Quick lamp swap (less than 1 sec) with a fast rotating mirror to minimize the lamp downtime

Colour Space Control

- Primary colour adjustment for consistent colour blending and brilliance uniformity for multi-screen configurations

Digital Gradation Circuit

- Sharp, vivid images from edge to edge on multi-screen configurations ensured by uniform brightness distribution across the screen

Flexibility

Tailor-made System

- Common cabinet and screen for SXGA+ and XGA (upgradeable at a small additional cost)
- Mitsubishi Electric 100% front access and rear access versions
- The flexibility to configure the system according to specific needs with three optional input ports

Internal Processing

Built-in Processor

- Up to four windows + 1 background per panel (up to 6 windows in the case of no background image)
- Windows of any size across the entire wall
- User-friendly graphical user interface, Mitsubishi Electric's D-Wall software suite



Auto-balancing

Dynamic Colour & Brightness Balancing

- Three built-in sensors (one for each primary colour)
- Automatic colour and brightness balancing over the entire display for long periods of operation
- No need for an external computer

Easy Set-up

Auto-tuning

- Auto-geometry function as the result of extensive R&D work in image software processing

Full Front Installation and Maintenance Capability

- No need to have maintenance space behind the display wall with 100% front access versions

Durability

Advanced Smart Colour Wheel

- Automatic colour adjustments after replacement of the colour wheel
- 10-year service life

Redundancy

Smart Switch

- Signal redundancy for mission-critical applications