



VSI Narrow Bezel LCD VIDEO WALL DISPLAYS

Full-HD resolution of seamless Video Walls

Highlights

- High performance IPS panels
- Size available are 46", 49" and 55" LCD Displays
- Ultra-Narrow Bezel Design Create a near-seamless video wall with minimal gap ranging from 0.88mm to 1.8mm
- Industrial grade Power Supplies and Electronic Components
- Multiple Input ports – HDMI ×1, DVI×1, VGA×1, VIDEO×4, YPbPr×1, S-VIDEO×1 (depends on different models)
- Different options for the Brightness, from 500cd/m² to 700cd/m², for different venues' environment.
- No Irreversible Burn-in
- Slim Design for Saving Space with different option of mounting facilities
- IP5x dust proof equipment

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LOWER COST OF OWNERSHIP WITH REDUCED UPFRONT INVESTMENT COST, SHORT IMPLEMENTATION TIME. PERFECTLY COMPATIBLE WITH VSI & VTRON'S VIDEO PROCESSORS

VSI's advanced narrow-bezel, LCD Display Wall System. With the extremely narrow bezels, ranging from 0.88mm to 1.8mm, for video wall display, the near-seamless picture spreads across multiple displays panels shall create impressive and stunning image and video performance for audience. LCD display with full high definition 1080P resolution engages a number of innovative features for wide range 24/7 applications. It is the high-quality commercial- and professional-grade digital video wall solutions and are ideal for dynamic digital signage and informational video wall.

- **Delivering Higher Visual Angle**

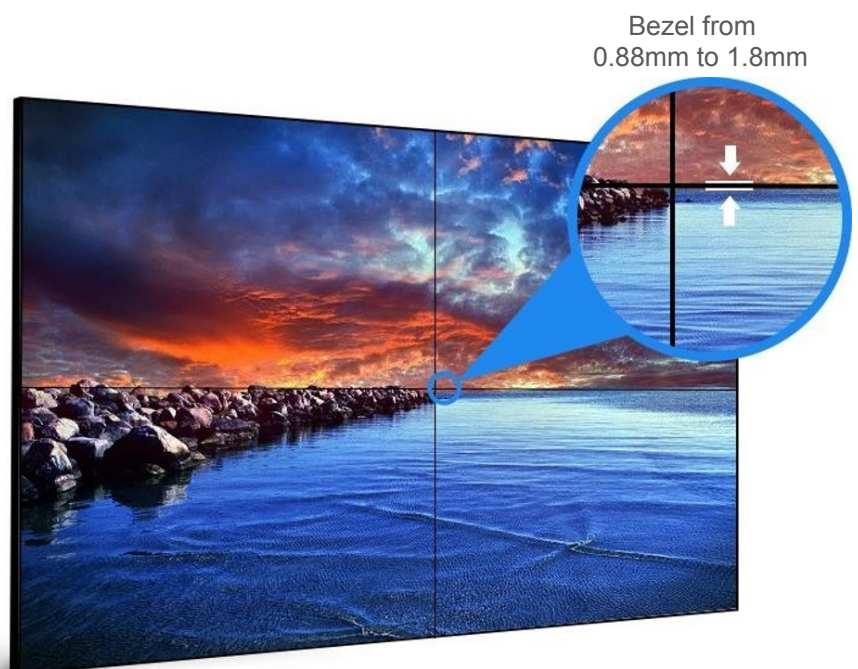
The large screen is placed usually higher than eye level so that colors are shown bright without distortion to the pictures.

- **Wider Visual Angle**

Famous in the industry, IPS panel technology takes better control of LCD; viewed from any angle on the screen, vivid colors always capture the audience's attention and favor.

Uniform Color Expression

Enhanced uniformity can offer vivid and consistent colors across the entire screen.



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72% Super Good Color Rendition

The color is re-managed when replaying the picture to fully restore the natural and true color before compression



Image Gap Reduction

The image improvement algorithm is adopted to reduce the image gap between tiled pictures when playing video.

APPLICATION INCLUDES SMALL TO MEDIUM SIZE MEETING ROOMS, AUDITORIUM AND NON-24/7 CONTROL ROOMS.

Uniform Color Expression

Enhanced uniformity can offer vivid and consistent colors across the entire screen.

Applicable Scenarios

Applicable Scenarios: Corporate Lobby, digital signage, meeting rooms, small Control center, Video conference room, etc.



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Model		SAM550MD04	SAM550MD05	SAM550MD06	SAM550MD07	SAM550MD08	SAM550MD09
LCD Panel	LCD Type	LED backlight	LED backlight	LED backlight	LED backlight	LED backlight	LED backlight
	Resolution	1920x1080 (H×V)	1920x1080 (H×V)	1920x1080 (H×V)	1920x1080 (H×V)	1920x1080 (H×V)	1920x1080 (H×V)
	Brightness	500 (cd/ m2)	700 (c d/ m2)	700 (cd/ m2)	500 (cd/ m2)	700 (c d/ m2)	500 (c d/ m2)
	Contract	4000:1	4000:1	4000:1	4000:1	4000:1	4000:1
	Response Time	8ms	8ms	8ms	8ms	8ms	8ms
	Color	10-bit, 1.06B	10-bit, 1.06B	8-bit, 16.7M	8-bit, 16.7M	10-bit, 1.07B	10-bit, 1.07B
	Viewing Angle (H/V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
Signal Interface	TV Systems	PAL、NTSC	PAL、NTSC	PAL、NTSC	PAL、NTSC	PAL、NTSC	PAL、NTSC
	CVBS Input	CVBS(BNC) ×1	CVBS(BNC) ×1	CVBS(BNC) ×1	CVBS(BNC) ×1	CVBS(BNC) ×1	CVBS(BNC) ×1
	CVBS Output	CVBS(BNC) ×1	CVBS(BNC) ×1	CVBS(BNC) ×1	CVBS(BNC) ×1	CVBS(BNC) ×1	CVBS(BNC) ×1
	PC Signal input	VGA(DB-15) ×1	VGA(DB-15) ×1	VGA(DB-15) ×1	VGA(DB-15) ×1	VGA(DB-15) ×1	VGA(DB-15) ×1
	Digital Signal Input	DVI(DVI-D)×1;HDMI×1	DVI(DVI-D)×1;HDMI×1	DVI(DVI-D)×1;HDMI×1	DVI(DVI-D)×1;HDMI×1	DVI(DVI-D)×1;HDMI×1	DVI(DVI-D)×1;HDMI×1
Communication interface	Control	RS232 & RJ45	RS232 & RJ45	RS232 & RJ45	RS232 & RJ45	RS232 & RJ45	RS232 & RJ45
Physical Properties	Dimension (W×H×D)	1211.4mm×682.2mm×109.6.mm	1211.5mm×682.3mm×108.8.mm	1211.5mm×682.3mm×121.mm	1211.5mm×682.3mm×121mm	1210.5mm×681.2mm×114.6.mm	1210.5mm×681.2mm×114.6.mm
	Display Aea (WXH)	1209.6 X 680.4mm	1209.6 X 680.4mm	1209.6mmX 680.4 mm	1209.6mmX 680.4 mm	1209.6 X 680.4mm	1209.6 X 680.4mm
	Bezel	1.8mm	1.8mm	1.7mm	1.7mm	0.88mm	0.88mm
	Lifetime	60000 hours	60000 hours	60000 hours	60000 hours	60000 hours	60000 hours
Power	Wide voltage	AC 100V~240V; 50/60Hz	AC 100V~240V; 50/60Hz	AC 100V~240V; 50/60Hz	AC 100V~240V; 50/60Hz	AC 100V~240V; 50/60Hz	AC 100V~240V; 50/60Hz
	Power Consumption	228W	228W	228W	228W	230W	230W
Weight	Gross Weight	~ 29Kg (incl. packing)	~ 29Kg (incl. packing)	~ 29Kg (incl. packing)	~ 29Kg (incl. packing)	~ 29Kg (incl. packing)	~ 29Kg (incl. packing)
	Net Weight	~ 25Kg	~ 25Kg	~ 25Kg	~ 25Kg	~ 25Kg	~ 25Kg
Environment	Working Temperature	0℃ ~50℃	0℃ ~50℃	0℃ ~50℃	0℃ ~50℃	0℃ ~50℃	0℃ ~50℃
	Working Humidity	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
	Working Height(altitude)	0~5000m	0~5000m	0~5000m	0~5000m	0~5000m	0~5000m

Remarks: Specifications are subject to change without prior notice.

46" 49" ULTRA-NARROW SIDE / NARROW SIDE LCD SPLICING UNIT



- **Ultralight and Ultrathin**

The LCD unit is only 12.1cm thick, and the installation thickness, together with the curtain wall mounting bracket, is only 20-25cm.

- **High Brightness**

700cd/m² in highest brightness;
with the high brightness unaffected by the distance and light,
you will get clear vision.

- **Excellent Display Performance**

LCD adopted by VSI is the latest technology in the world;
the high speed dynamic picture displayed in the technical grade LCD screen is smooth and natural.

- **Ultra-long Life**

The large screen display system has the characters like high reliability and high stability;
It supports non-stop work of 365 days, and service life can reach more than 60,000 hours;
the quality is stable for a low maintain cost.

- **High Resolution**

Full HD 1080P Ultrahigh Resolution; The picture is clear and delicate.

- **High Contrast**

Contrast of 4000:1; color temperature of 10000K;
the picture has strong feelings of depth and stereoscopic sense.

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	SAM460MD03		SAM460MD04		SAM460MD05		SAM460MD06		SAM490MD01	
Operating Parameters										
Screen size (diagonal)	46"								49"	
Back light	LED									
Resolution	1920x1080									
Brightness	700 cd/ m ²		700 cd/ m ²		500 cd/ m ²		500 cd/ m ²		450cd/m ²	
Contrast Ratio	4000:1		3500:1		4000:1		3500:1		4000:1	
Response Time	6ms		8ms		6ms		8ms		8ms	
Color	8-bit, 16.7M								10-bit, 1.07billion	
Saturation	72%									
Viewing angle	178°(H) / 178°(V)									
MTBF	60,000 hours									
Physical										
Dimension (W×H×D)	1020mm × 574.6mm × 117.9mm		1021.98mm × 576.57mm × 120.7mm		1020mm × 574.6mm × 117.9mm		1021.98mm × 576.57mm × 120.7 mm		1077mm × 607.8mm × 105.1mm	
Gap	1.7mm		3.5mm		1.7mm		3.5mm		3.5mm	
Signal Interface										
Signal Input	CVBSx2(PAL, NTSC) VGAx1 DVI-Dx1 HDMIx1 USBx1						CVBSx1(PAL, NTSC) VGAx1 DVI-Dx1 HDMIx1 USBx1		CVBSx1(PAL, NTSC) VGAx1 DVI-Dx1 HDMIx1	
Signal Output	CVBSx2						CVBSx1			
Control Port										
Control	RS232(RJ45), remote control								RS232 (RJ45)	
Power Supply										
Power	100-240V / 50-60Hz									
Power Consumption	175W		185W		175W		175 W		228W	
Working Conditions										
Working Temperature	0-50°C									
Working Humidity	10-90% (Non-condensing)									

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