Siera Electronics



PRO2000

Led Video Wall



Featured specifications

Siera Electronics is part of SIERA HOLDING GROUP, a world-wide decentralized company, aimed at developing, manufacturing and marketing high-end electronic products at competitive prices.
With more than 25 years in the market with a transparent marketing policy and pre and post-sales support, it is cataloged as one of the best in the field.
Siera is a reliable company, constantly growing, whose main objective is to provide the best solutions to demanding customers.

Siera provides a complete set of video wall display solution. Our multi-screen controller has advanced splicing function, strong decoding ability, abundant input ports (CVBS, VGA, DVI, SDI, HDMI, HDCVI and etc.) which satisfy the need of SD/HD, digital/analog random display combination in surveillance system.

Furthermore, multi-screen controller supports local, Web-end, network keyboard and other operation methods. It provides user with a user-friendly interface and swap design, thus making the system more strong, stable and easy to maintain.

Multi-screen controller and our HD, high-brightness, high-contrast LCD splicing unit, compose a complete video wall system.

Siera reserves the right to apply changes on the specifications of the products at any moment without prior notice.
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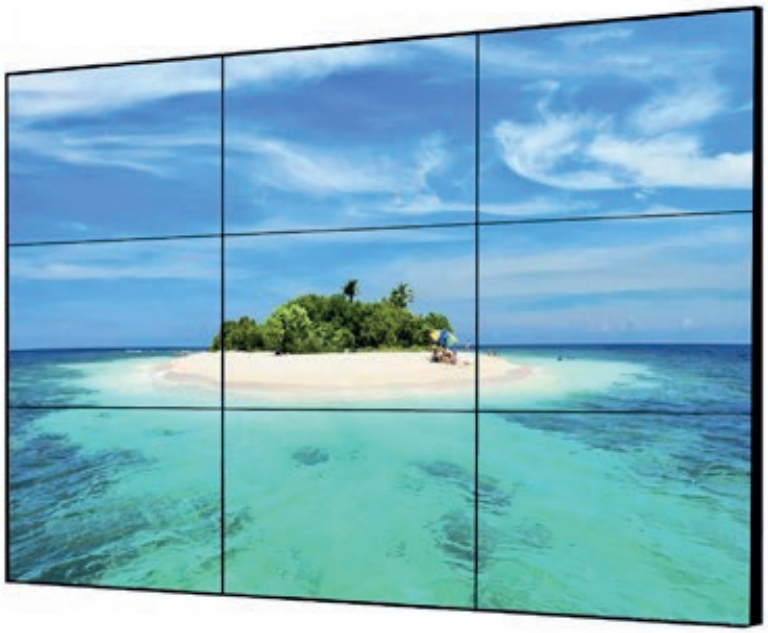
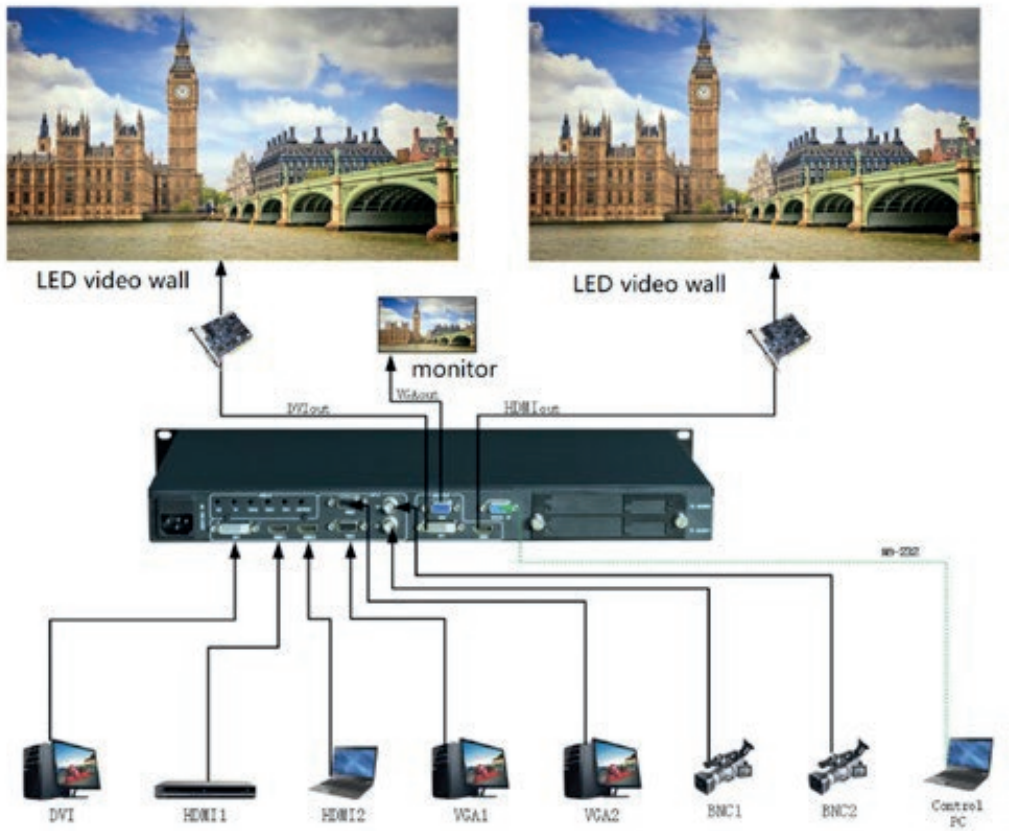


Diagram



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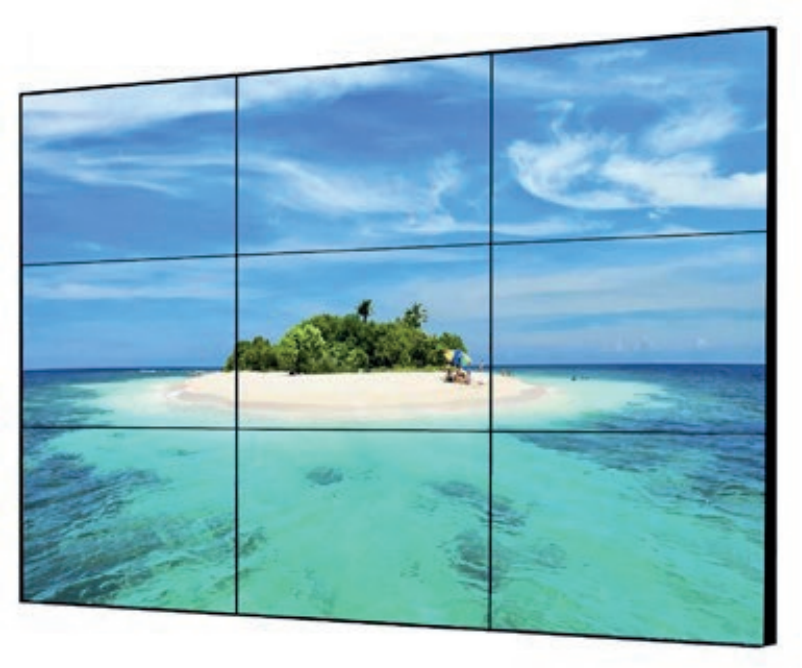

Module Specifications

Specifications

Pitch	3 mm
Panel size	640 × 640 mm
Pixels per square meter	111111 pixels/m^2
Pixel type	1R1G1B
Panel resolution	320 × 160
Panel area	0.331776 m^2
Panel weight	6.8 kg
Recommended viewing distance	3 m ~ 40 m
Horizontal viewing angle	≥140°
Vertical viewing angle	≥120°
Average power consumption	≤400 W/m^2
Maximum power consumption	≤800 W/m^2
Scanning method	1/16 scan
Control method	Synchronization
Screen refresh rate	≥1920
Brightness	≥5000 cd/m^2
Video frame rate	≥60 Hz
Brightness control method	Auto: 16 levels / Manual: 100 levels
Video signal	RF, S-Video, RGB, RGBHV, YUV, YC
MTBF	≥50000 hours
Service life	75000 ~ 100000 hours
Ingress protection rating	

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3x6 (1.92m High*3.84m Long) LED video wall

Indoor P2.5 color LED 640*6pcs*640*3pcs

No.	Name	Spec	Pic	Qty	Unit
1	LED Panel	P2.5 color LED(dots/m2) 62500dots		7.400	m2
2	Control system	Sending card		2	pcs
		Receiving card		18	pcs
3	LED software	LED control software		1	pcs
4	Video controller	VSP903		1	pcs
5	Installation bracket	640*640		6	pcs

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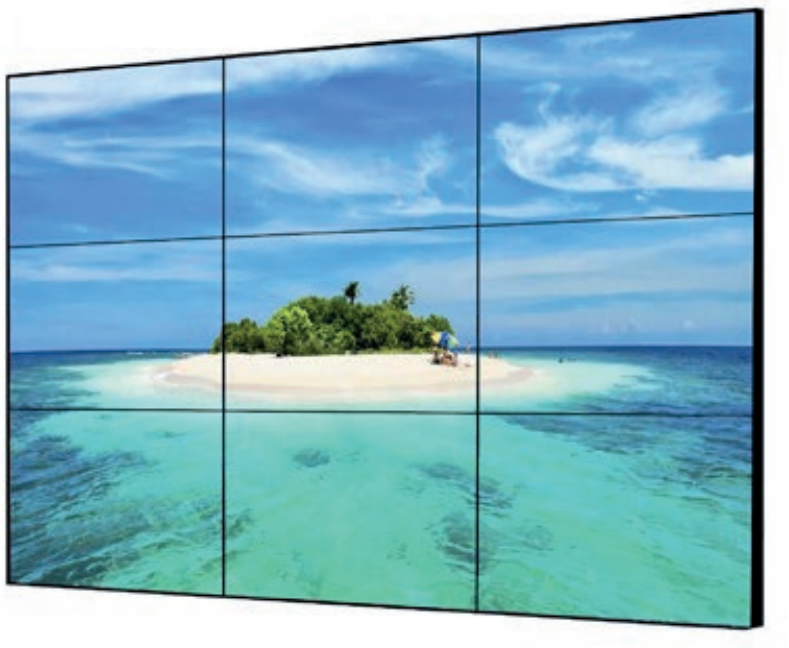

3x28 (1.92m High*17.92m Long) LED video wall

Indoor P2.5 color LED 640mm*28pcs*640mm*3pcs

No.	Name	Spec	Pic	Qty	Unit
1	LED Panel	P2.5 color LED(dots/m2) 62500dots		34.410	m2
2	Control system	Sending card		5	pcs
		Receiving card		84	pcs
3	LED software	LED control software		1	pcs
4	Video controller	VSP903		3	pcs
5	Installation bracket	640*640		14	pcs

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Front



Back



Video controller

Port	Qty	Spec	
Video(BNC connector)	2ch	PAL、NTSC、PAL-M/N、SECAM	
VGA(DB-15)	2ch	VESA, PC to 1920x1200, HD to 1080p	
HDMI 1.3a	2ch	480i/p、576i/p、720p、1080i/p,	
DVI	1ch	VESA, PC to 1920x1200	
VIDEO OUTPUT			
HDMI	1ch	1024X768@60HZ	1280x720@60HZ
		1280x720@50HZ	1440x900@60HZ
		1280x1024@60HZ	1366x768@60HZ
DVI	1ch	1600x1200@60HZ	1680x1050@60HZ
		1920x1080@60HZ	1920x1080@50HZ
		1920x1200@60HZ	1024x1280@60HZ
VGA	1ch	2048x640@60HZ	2048x1152@60HZ
		2304x1152@60HZ	2560x816@60HZ
		1536x1536@60HZ	3840x660@60HZ

General	AC100V–240V 50/60HZ
Power supply	10W
Power consumption	3.5KG
Weight	441mm(W) x 239mm(L) x 44mm(H)
Size	

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