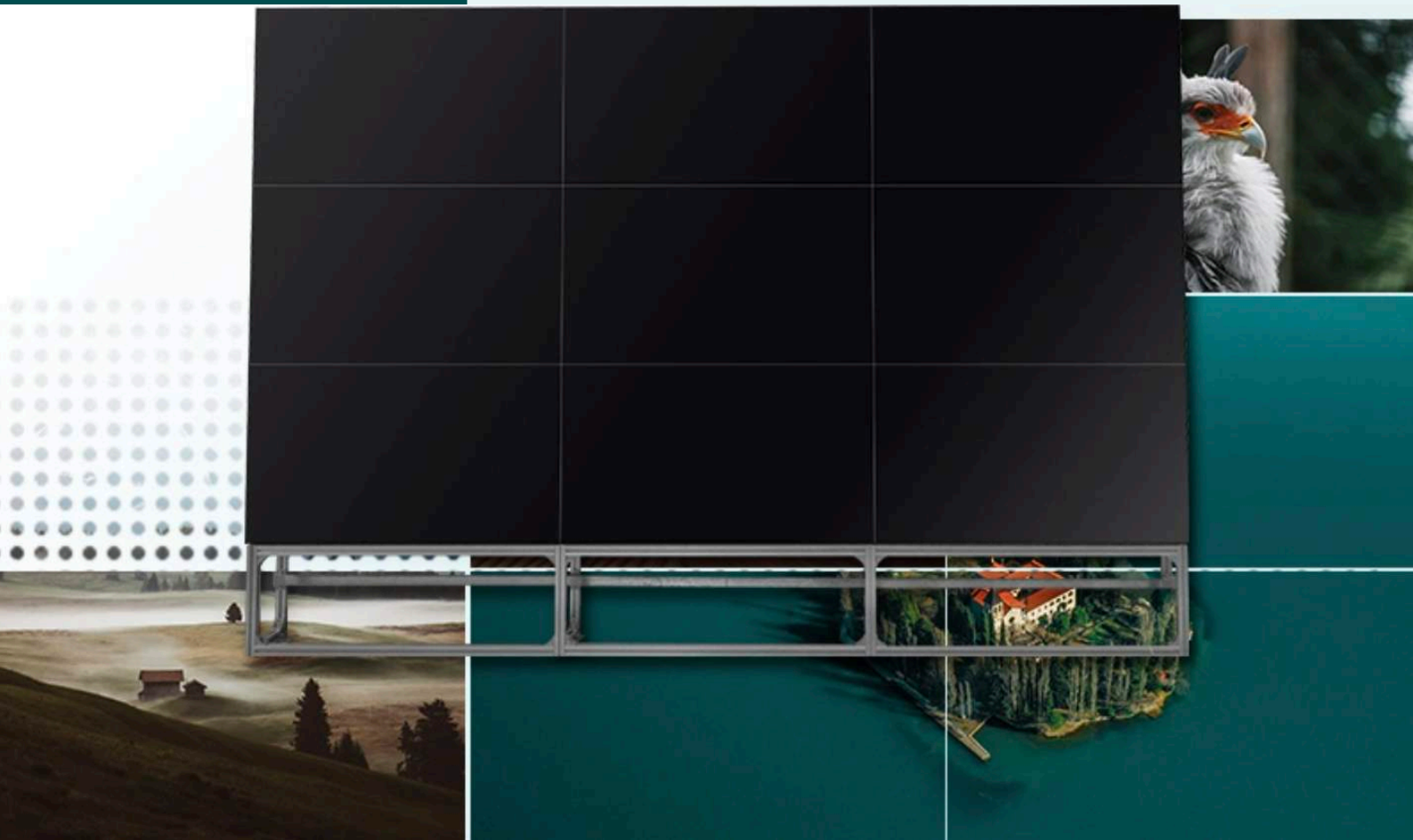




MATRIX LCD VIDEO WALL

Redefining Display Possibilities



MATRIX LCD VIDEO WALL

can be widely used in many fields: Exhibition halls, Security monitoring centers conference and meeting rooms, and shopping malls. advertising and information displays. It supports audio-embedded solutions and supports the highest resolution to 1080p 60Hz multi-screen display which should be the best video.



Intelligent 3D noise reduction pleasing to the eye

3D noise reduction technology compares and filters the images of the two frames before and after the image, finds out the noise position and controls it for gain, so as to reduce the image edge noise and make the image more thorough.

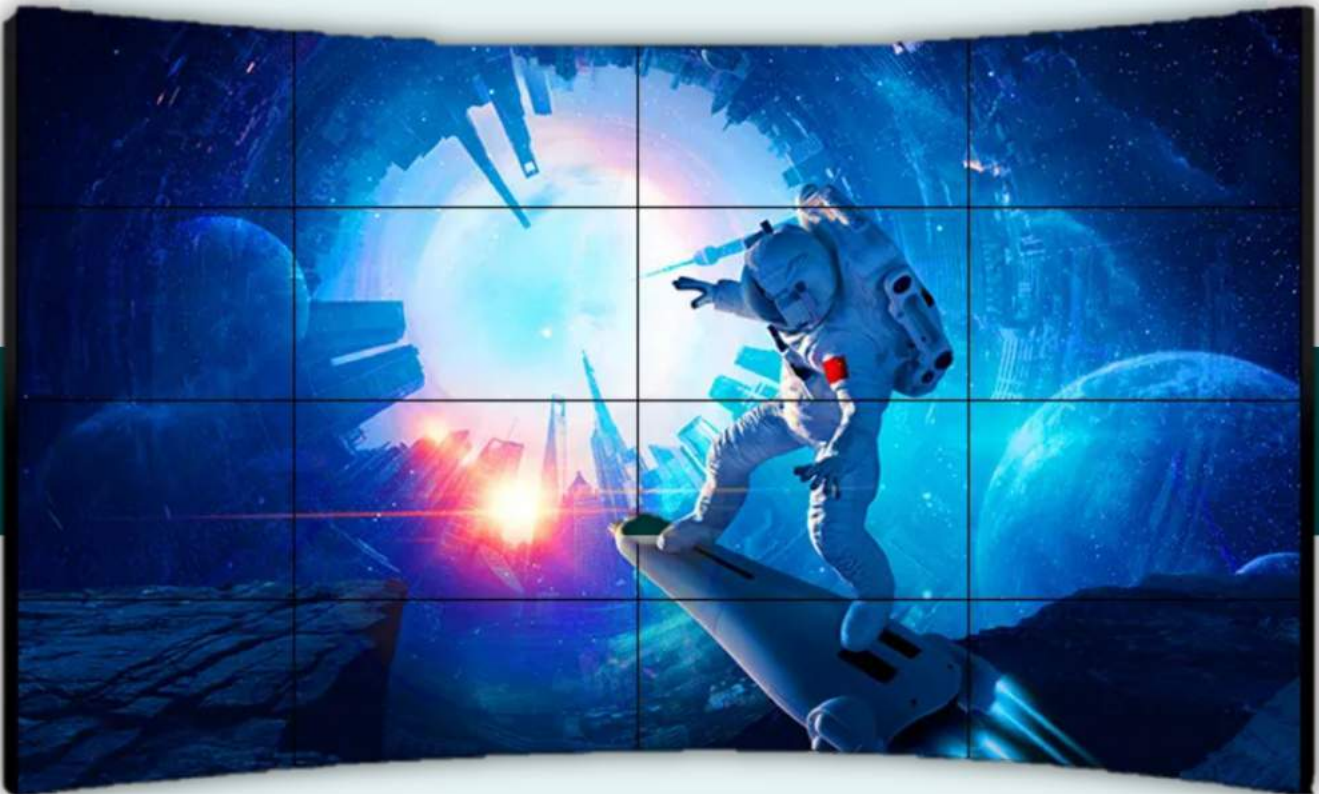


178° ULTRA WIDE VIEWING ANGLE

178° wide viewing angle technology, higher light transmittance, lower power consumption, more realistic picture and fuller color. The picture quality is clear and does not deform. Feel the beautiful visual experience from different angles.

4K HD Display

When the display color reaches 16.7M (8bt), the picture is fuller and more realistic, the color gamut coverage is wider, the color rendering is more accurate and richer, the real color is accurately restored, and the colorful world is felt.





Full Screen Display



Single Screen Display



Combination Display



Image Roaming



Picture in Picture



More Display

Intelligent Split Screen

Intelligent picture splicing and changeable splicing methods can meet our needs for video surveillance and production scheduling of big picture. Video extension technology is adopted to ensure that the picture is not distorted and the color is not distorted when watching the picture.

A variety of splicing schemes let you splicing without worry

1x2/1x3/2x2/2x3/3x3/4x4/5x5/6x6/6x8...

Vertical and horizontal, irregular stitching a variety of solutions to meet your stitching needs.



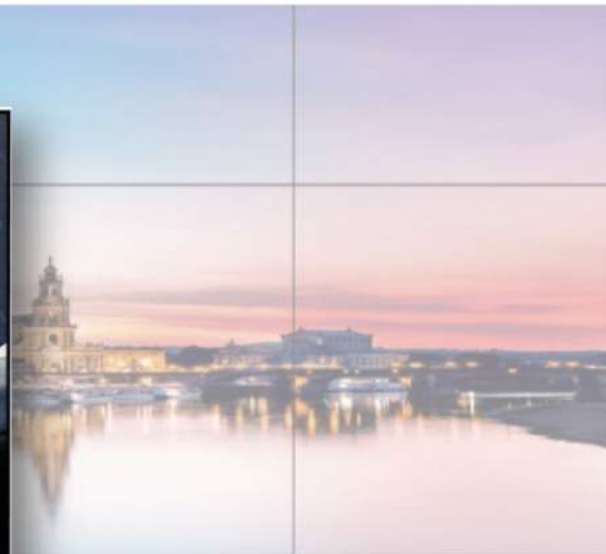
Portrait Screen



Opposite-sex splicing











Splice the horizontal screen



Additional Functions: -

1. Multi-Point Infrared Touch Screen
2. Monitor HDMI Splitter
3. Monitoring Matrix
4. Stereo Sound Speaker
5. Matrix LCD Splicing Screen Wrapping
6. Support multi-signal source: Mail Box, Computer or Other

More powerful performance

 IPS Hard Screen	 High Resolution	 16.7 million Color Display	 3D Noise Reduction
 24/7 Usage	 Narrow Bezel	 178° Wide Angle	 HD 1080P Resolution

Seamless Video Wall

With a total bezel size of 1.8/3.5 mm these displays are ideal as part of a virtually seamless LCD Video Wall- providing you with an eye catching, and content focused display. Their super narrow bezel allows you to build video walls of any size.

Embedded Video Matrix Processor

Our Video Wall Displays can be used independently or as part of a tiled video wall. If you require a video wall with hassle free setup then the units can tie the video signal automatically thanks to their built-in video matrix processor. This means the video wall can have any configuration without any additional hardware defect when used as a window display.

Multiple Inputs

Powerful Interface supporting a wide range of audio and video inputs, such as HDMI, VGA, DVI, RGB/HV, Composite Video, and YPbPr.

IPS Commercial Grade Panel

Superior color uniformity, viewing angle and remarkable vibrancy even when mounted in portrait. Also, these panels do not suffer from blackening defect when used as a window display.



Splicing Screen Structure Diagram

Create super shocking video wall effect
The picture is exquisite, color is full, true perspective.

- > Tempered Glass
- > IPS Hard Screen
- > LED Light Source





Wall-Mount



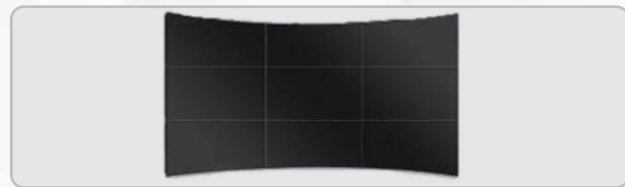
Floor-stand



Cabinet-type



Hydraulic Splicing



Arc Splicing

Multiple Installation Methods

A variety of installation methods for you

The use of high-strength cold-rolled steel supports multi-layer superimposed combination splicing to ensure seamless gaps in the LCD splicing unit. The splicing screen can be installed in a cabinet, floor stand, or wall-mounted embedded installation. No matter how complex the site environments is, we can provide customers with customized size to meet the requirements.

Product Display



Product Specification

MATRIX LCD VIDEO WALL

SPECIFICATIONS

Application	Indoor			
Model	Matrix LM4688-XL	Matrix LM4988-XL	Matrix LM5588-XL	Matrix LM6588-XL
Panel Size	46 inch	49 inch	55 inch	65 inch
High Brightness	700cd/m2			
Dual Display Bezel Gap	3.5mm		1.8mm	
Dimensions	1213.5mm x 684.3mm			
Display Size	1209.6mm x 680.4mm			
Physical Resolution	1920x1080 (FHD)			
Visual Angle (H/V)	178°			
Aspect Ratio	16:9			
Response Time	< 8ms			
Life(hrs)	>60,000(hrs)			
Contrast	1400:1			
Color	16.7M, 8Bit			

MATRIX LCD VIDEO WALL

INPUT AND OUTPUT

DVI	1
HDMI	1
D-15 RGB Input (VGA)	1
YUV/YPbPR	1 (3xBNC)
S-(YC)	1 (2xBNC)
Composite Video Input/(AV)	3 (3xBNC)
Composite Video Output	2 (2xBNC)
Split Screen	Support Picture in Picture(PIP/POP/PAP)

POWER

Power Supply	AC100V~240V
Maximum Power Consumption	250W
Standby Power Consumption	<=3W

Temperature

Storage Temperature	-20°C~60°C
Operating Temperature	0°C~60°C

Video Wall Controller (Built-in each Screen)

Input	CVBS	3*BNC inputs, support PAL/NTSC all formats, 2*BNC loop outputs
	VGA	1*D15 port, support SVGA/XGA/WXGA
	YPbPr/YCbCr	1* YPbPr/YCbCr input, support PAL/NTSC all formats, and 720P,1080I, HDTV
	Y/C	2*BNC inputs, support PAL/NTSC all formats
Output	LVDS	Support signal or double LVDS output, and WUXGA (1920*1080) display
	CVBS	support PAL/NTSC all formats
	DVI	1*DVI-I port, support SVGA/XGA/WUXGA
Operate Mode	Panel key operation(needs customization)	
	Standard RS232 port(provide free control software)	
	ADD Code	
Working Temperature	0~70 °C	
Working Humidity	5~95 %RH	
AC Voltage Power Supply	100-240V/50, 60Hz	

