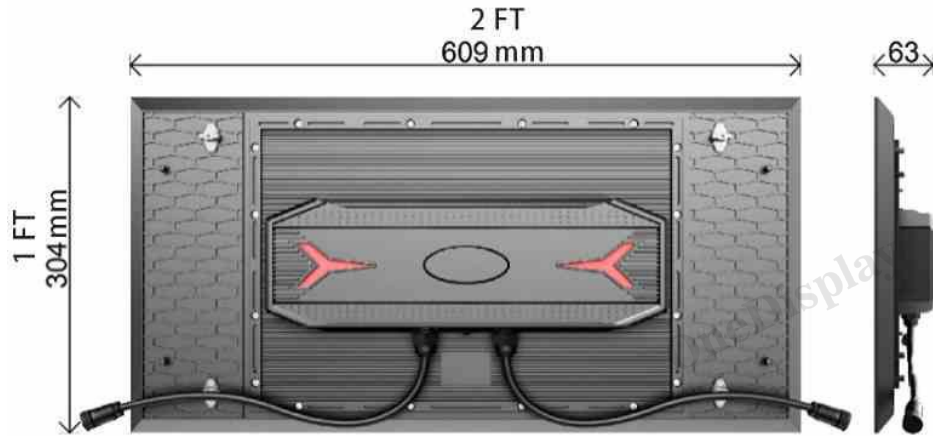




O-Matrix / SERIES

2FTx1FT Outdoor Ultra-Thin

Led Screen



Parameters

SPECIFICATION			
Item	P4.7	P6.3	P9.5
Pixel Pitch	4.7625mm	6.35mm	9.525mm
LED lamp bead model	SMD1921	SMD2727	SMD2727
Pixel composition	1R1G1B	1R1G1B	1R1G1B
Module Size(W*H)	2ft x 1ft	2ft x 1ft	2ft x 1ft
Module Reslution(W*H)	128dots x 64dots	96dots x 48dots	64dots x 32dots
Module Pixels	8192dots	4608dots	2048dots
Driving Mode	1/8scan	1/6scan	1/2scan
Cabinet Size	2ft x 1ft	2ft x 1ft	2ft x 1ft
Cabinet Resolution	128dots x 64dots	96dots x 48dots	64dots x 32dots
Pixel Density	44,088dots/m ²	24,800dots/m ²	11,022dots/m ²
Best viewing distance	≥4.7 m	≥6.3 m	≥9.5m
Brightness	6,000nits ~ 7,000nits	6000nits ~ 9000nits	6,000nits ~ 10,000nits
Cabinet Material	Aluminum		
Cabinet Weight	21kg/sqm		
Maintenance Way	Front & Rear		
IP Grade	Ip68		
Refresh Rate	1,920Hz~3,840Hz		
Gray Scale	13bits~24bits		
Viewing Angle	H:160° / V:160°		
Maximum Power (W/m2)	800W/m ²		
Average power (W/m2)	230W/m ²		
Input Voltage	AC110V – AC220V @ 50Hz/60Hz		
Operating Temperature	-20℃~45℃		
Operating Humidity	10%~90%		
Operating System	Windows (Win7, Win8, etc.)		
Signal Input	DVI,HDMI1.3,DP1.2,SDI,HDMI2.0,etc.		
Continuous working time	≥7x24hrs		
Service life	100000Hours		



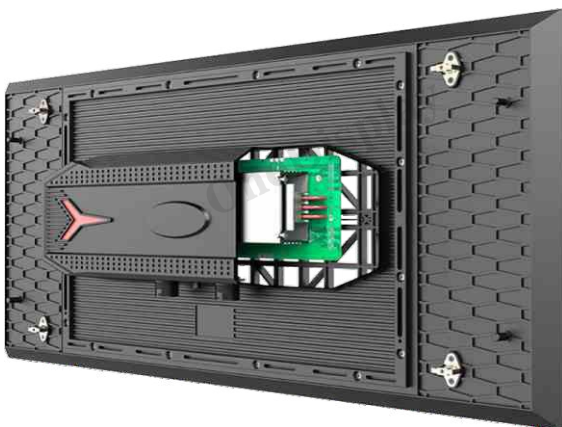
Smart, Light and Thin

O-Matrix Series, with 2ftx1ft panel size, thickness for 63mm including the module, weighs about 3.9kg/pcs.

It shows texture and value through the metallic surface and unique design which make the cabinet more eye-catching.

Simple and Fast Troubleshooting

Concise and easy design, each panel integrates power supply, receiving card and module inside, which facilitates the modules moving, especially for only one technician to maintain it immediately which helps you save a huge labor cost.



"Crazy" Heat Dissipation

The panel can work freely without air conditioner even in the 55 degrees environment, which profits from its aluminum die-casting design in the back shell to quicken heat dissipation.



**Strong reliability,
Various applications and
brightness up to 10000nits**

An ideal DOOH product with IP68 and fanless design applies to different environments: dusty roadside, humid seashore, scorching districts, rainy areas, etc.

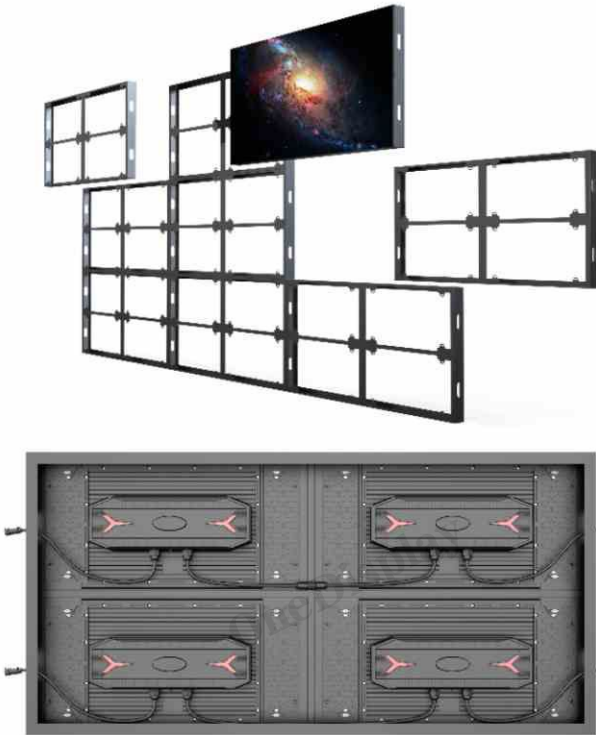
What's more, 10000nits is very enough for direct sunlight.



45° Cutting Angle Design

With 45° cutting angle design and seamless 90° angles assembled make the O-Matrix Series Ultra LED display cabinets show a visual feast, With display the Naked-eye 3D effect on a rectangle wall by its friendly design of the shell structure, Create a strong three-dimensional visual impact.





Low Mounting Cost

It has advanced locking system and mini-malistic cable connector, easily locking the units on a simple framework, which all make your installation easier and faster, also lower your cost.

Cable-Free Design

Power and signal cables are integrated. Data and power cables are substituted by BTB connectors with strong stability.



Flexible and Customizable

To customize different sizes and shapes of screens to meet customer's needs.
Customized aspect ratio: 4:3/16:9
Customized resolution: 1080p, 2k, 4k, 8k, etc.



Application Fields:

Modular design makes the panel size more flexible and available: 8'*4'/6'*3' or even customized, such as billboards, bus shelters, mobile signs, etc.

O-Matrix usually applies to:

DOOH Solutions (Outdoor billboards)

Naked-eye 3D Screen (Seamless 90° angle rectangle wall)

LED Screen Manufacturer in China



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