

METASTAR Series



A cabinet of this type offers two different back cover patterns to choose from.

O1

METASTAR Series

Cabinet weight: 7.8kg

Refresh rate: 3840HZ

Brightness: indoor 4500cd

Pixel pitch: P1.953 / P2.604 /

P2.976 / P3.91 mm

Material: strong die-casting-aluminum

Advantage:

Front and rear maintenance dual channels

Application:

stage show/events/wedding/party/concert



O2

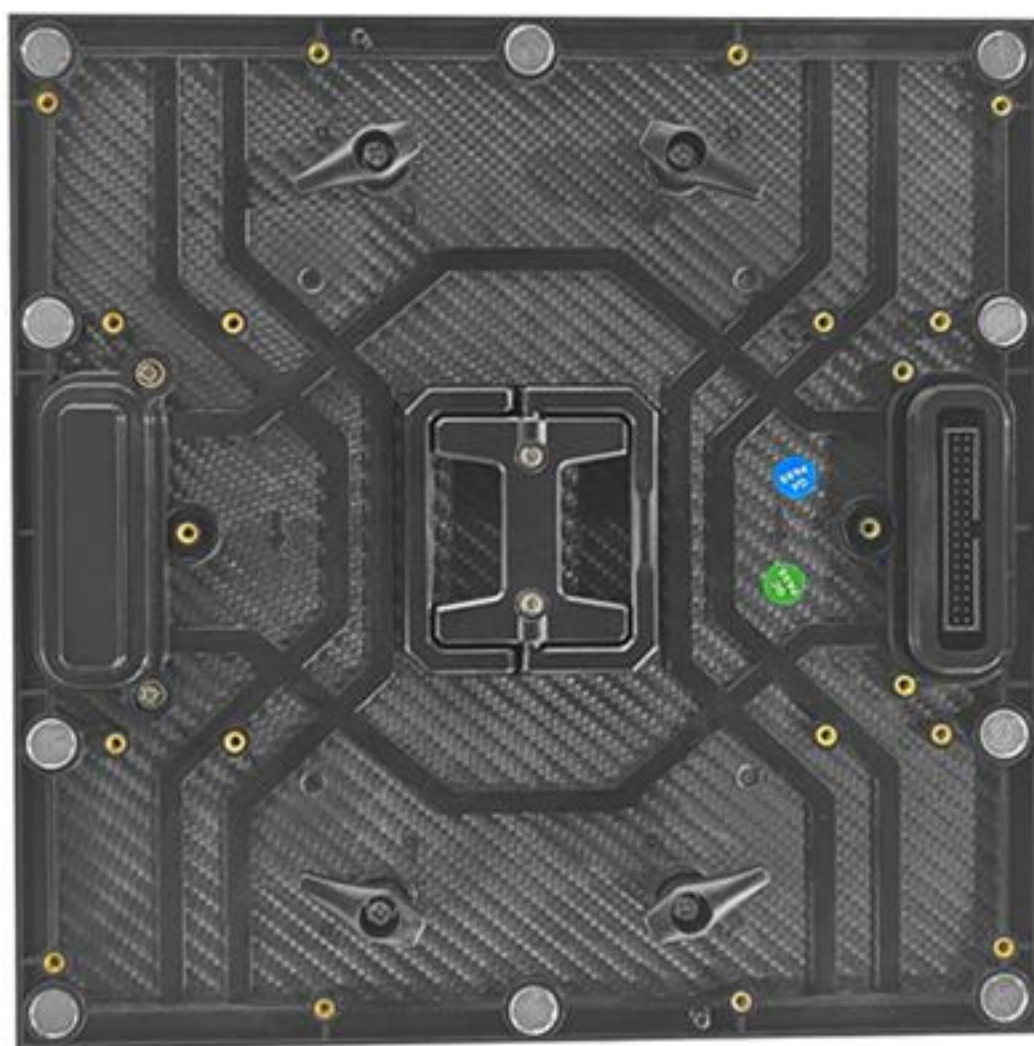
Full front & rear maintenance



Support full front & rear maintenance, realize fast disassembling in different occasions, better installation experience.

O3

Magnetic Modules

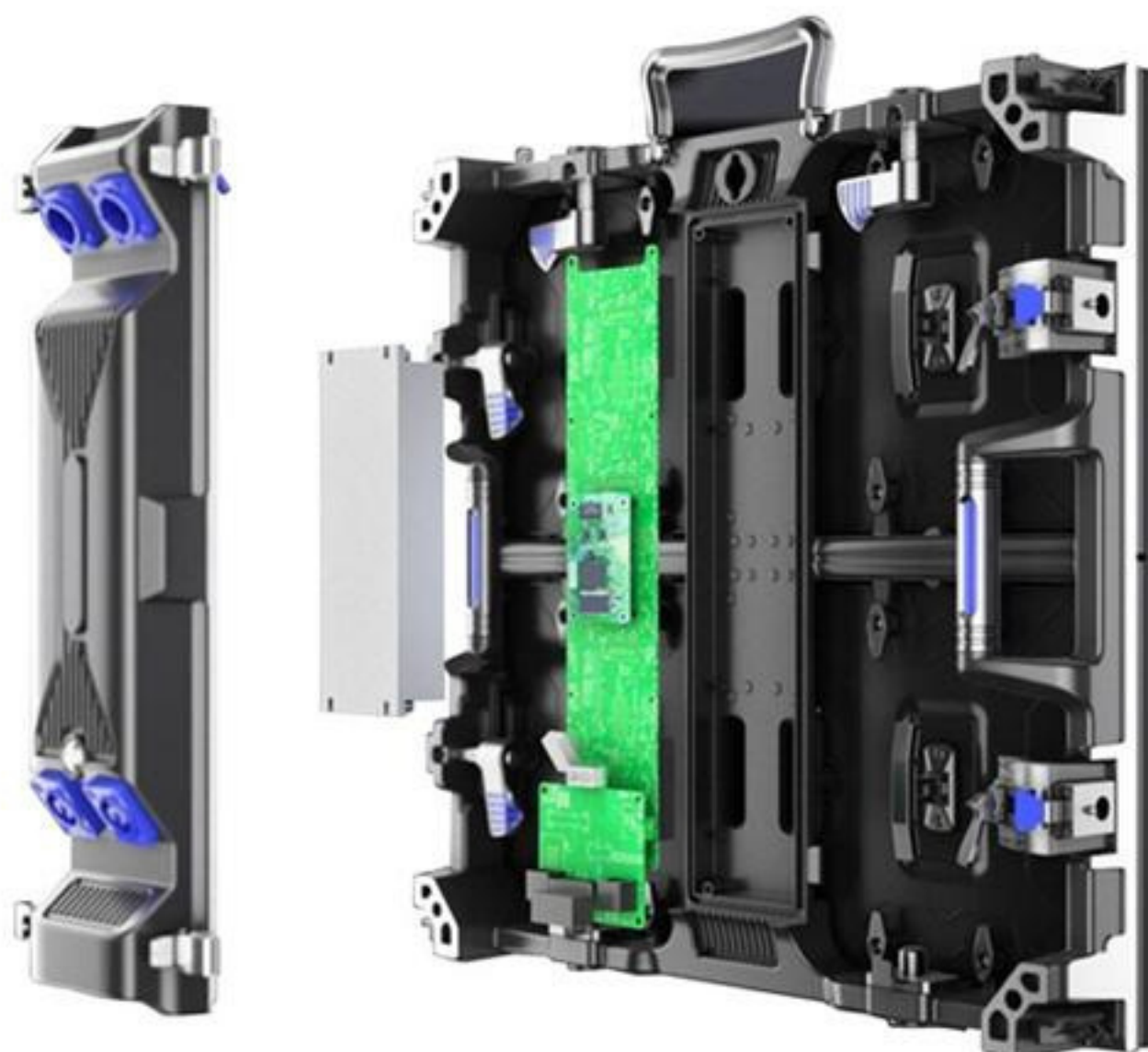


Most of the LED display screens we usually see are installed from the back, but many LED display screens of us have begun to adopt the magnetic suction method.

O4

Direct Connections & Detachable Power Supply

METASTAR series LED screens uses pin connection HUB board, which is more durable and has a longer life than cable connection.



O5

Corner Protector For LED



With corner protector, effectively protect the module from damage. So the cabinet is stronger, the performance is more stable, installation and transportation is more secure and reliable.

O6

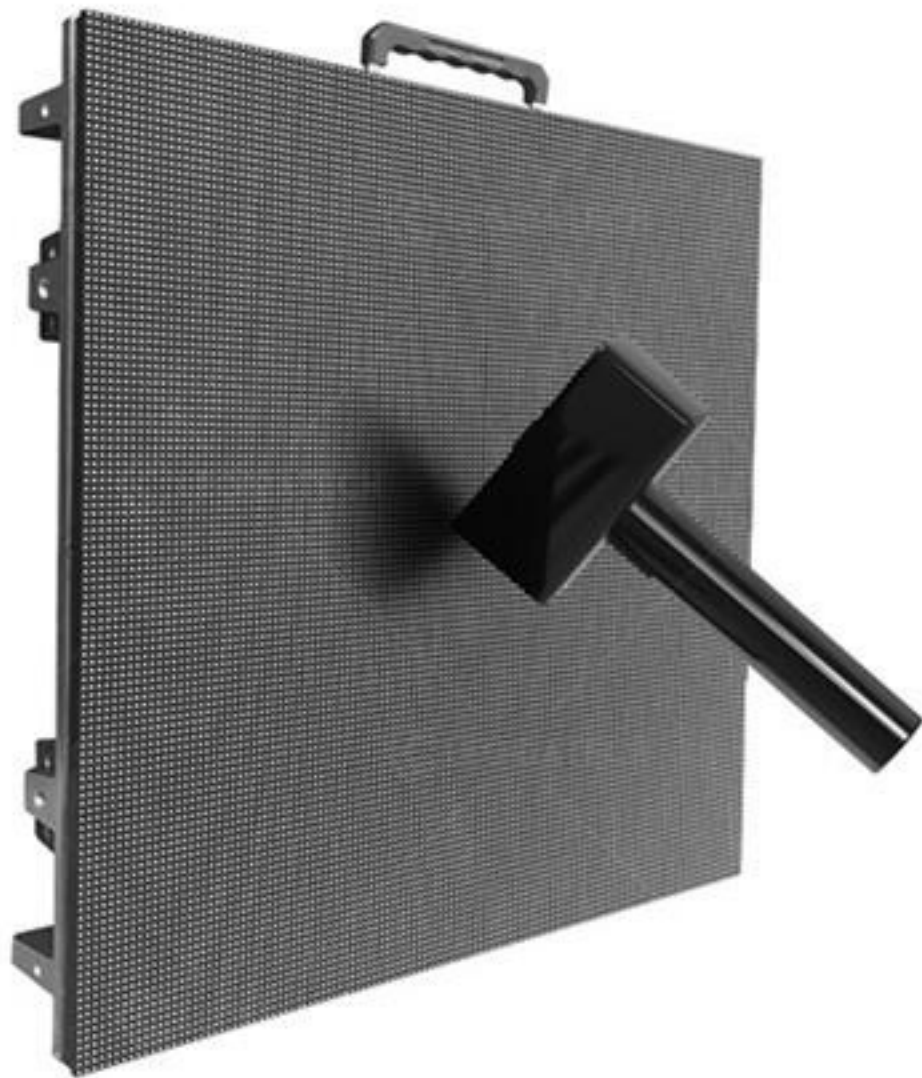
Curved Lock

Supports the creation of curved led panel screens and right-angle screens



O7

High ROI anti-collision PCB design



Latest anti-collision PCB technology (AOB) which is 6 times stronger protection, minimizing the damage of pixels and welding plate during transportation and installation.

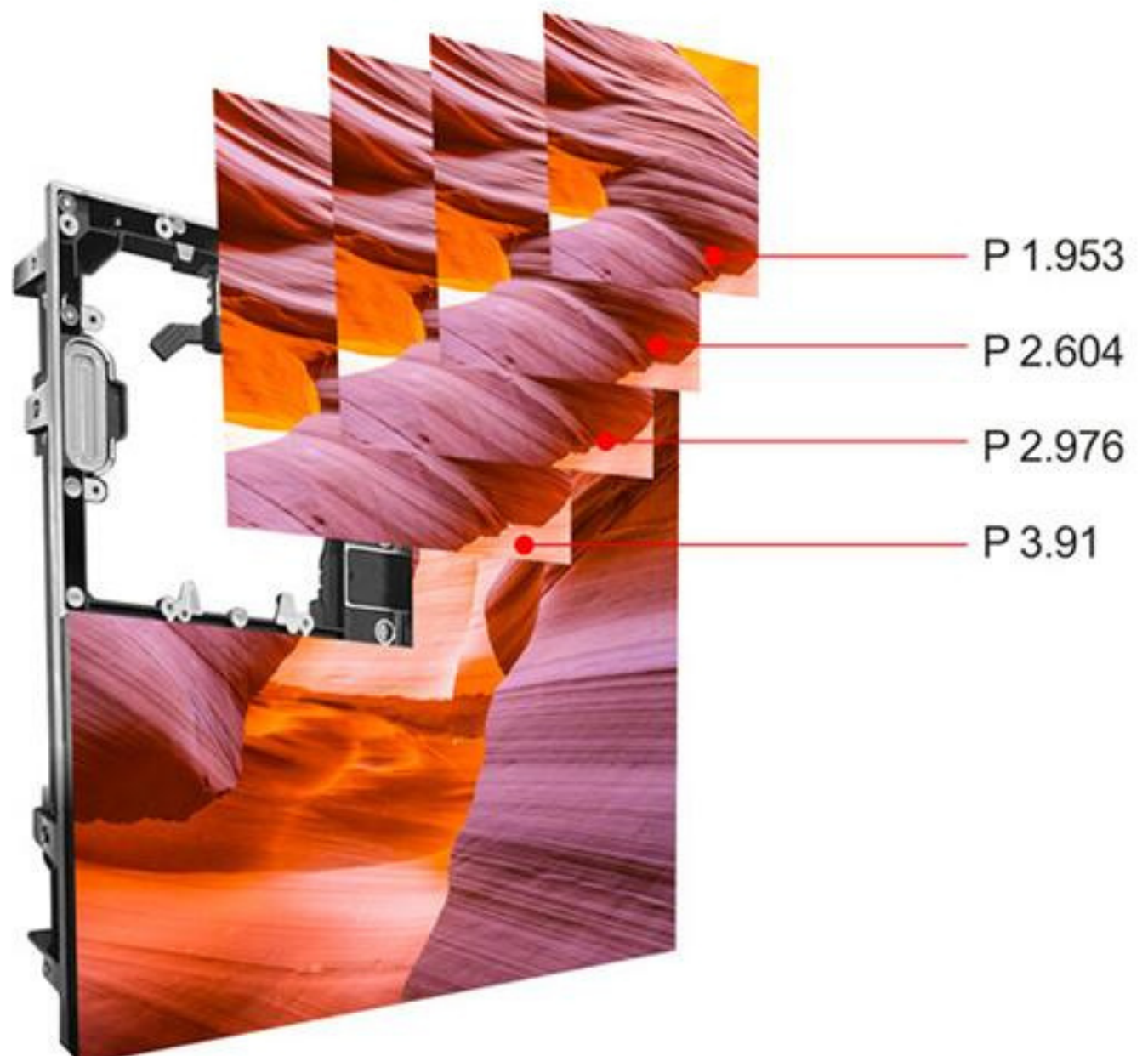
High ROI for your events business

**O8**

Various pitches are available

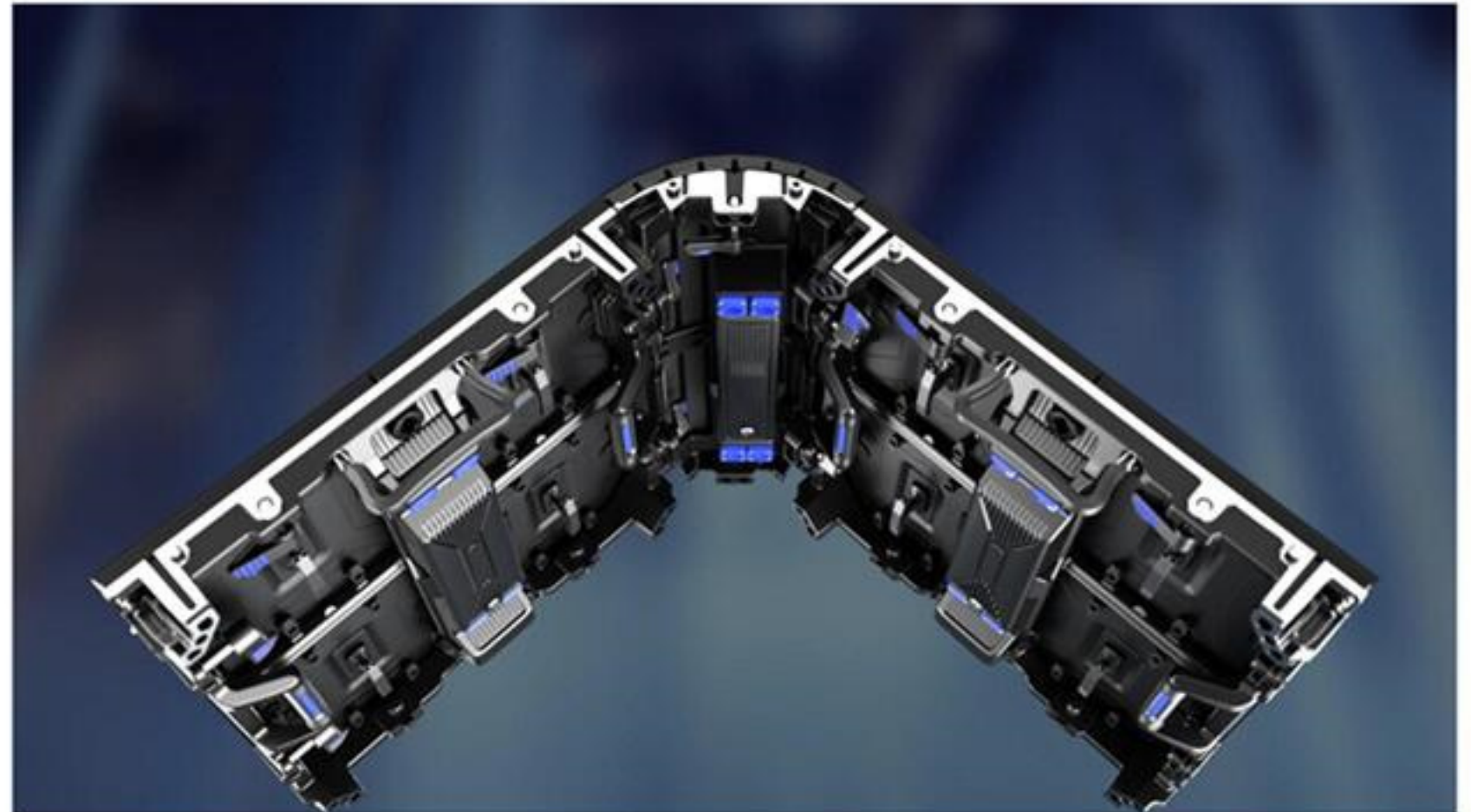
The smaller the dot pitch, the greater the pixel density, the greater the resolution, the closer the viewing distance, the more delicate the displayed image, and the better the final visual effect of people.

Various styles are available. Customers can choose the appropriate spacing according to their needs.



09**Flexible Angle and Curved Joints**

Supports flexible angle and curved joint designs to meet diverse creative design needs. The cabinet frame features an integrated, high-precision curved locking mechanism, allowing for quick positioning and securement without the need for additional bending brackets. This ensures a smooth, continuous display and a seamless image.

**10****45° beveled cabinets enable seamless corner joints**

The left and right sides can be used with flat L-blocks, allowing for seamless interlocking with conventional flat cabinets, balancing creative styling with standardized assembly flexibility.

The 45° beveled structure effectively minimizes gaps between joints, ensuring a smooth and natural transition between edges.



Suitable for applications such as screen corners, built-in wall corners, and creative stage edging.

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Multi-installation Method

METASTAR Series supports both floor installation, hoisting, and even mount brackets as dance floor screens.



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Curve Installation

The LED curved screen has better flexibility and can manufacture some specific radians to meet product requirements. When the edges of the curved screen curve forward slightly, you will feel as if you are in the real world.

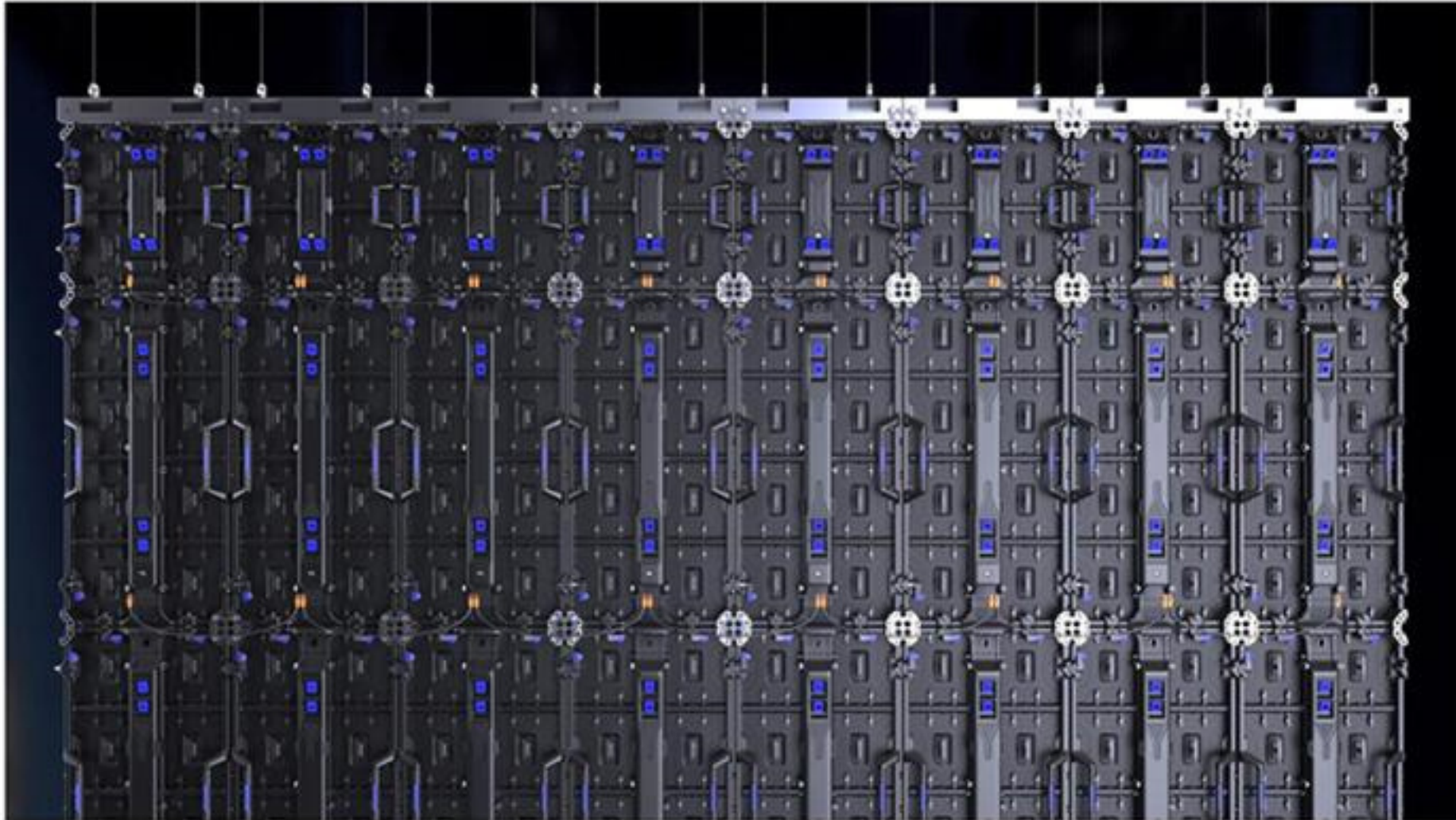
When you watch pictures on the curved screen, you will feel more immersive and enhance your viewing experience.



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Different Sizes Free Splicing

METASTAR series support mixed splicing for 500 x 500mm and 500 x 1000mm LED panels from upon to bottom and left to right, to meet different application requirement.



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Test Button



These are indicator lights and test button.

When Red light is on, means the power pack is working, When it off, means the power pack has issue.

The green light is for signal, when the green light is blinking, means the signal is good, When the green light doesn't blink, means the signal has issue, then we need to check the relevant signal parts.

This is the test button, when you press it, you can see Red, Blue etc. Usually before screen setup, we use it to test the cabinet one by one, or we use it when doing maintenance.



500mm

500mm



Indoor

Value	P1.562	P1.953	P2.604	P2.976	P3.91
Pixel Pitch	1.562mm	1.953mm	2.604mm	2.976mm	3.91mm
Brightness	800nits	800nits	800nits	1200/4500nits	1200/4500nits
Pixel Configuration	SMD	SMD	SMD	SMD	SMD
Application	Indoor	Indoor	Indoor	Indoor	Indoor
Refresh Rate	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz
Pixel Matrix Per Sq.M	409,600	262,144	147,456	112,896	65,536
Life Span	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours
Max Power Consumption	800	800	800	800	800
IP Rate	IP30	IP30	IP30	IP30	IP30
Input Voltage (AC)	100 ~ 240	100 ~ 240	100 ~ 240	100 ~ 240	100 ~ 240
Panel Size (mm)	500*500*84	500*500*84	500*500*84	500*500*84	500*500*84
Panel Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Panel Weight	7.8Kgs	7.8Kgs	7.8Kgs	7.8Kgs	7.8Kgs
Operating Temperature	-20 ~ +60°C	-20 ~ +60°C	-20 ~ +60°C	-20 ~ +60°C	-20 ~ +60°C

Outdoor

Value	P2.604	P2.976	P3.91
Pixel Pitch	2.604mm	2.976mm	3.91mm
Brightness	4500nits	1200/4500nits	1200/4500nits
Pixel Configuration	SMD	SMD	SMD
Application	Outdoor	Outdoor	Outdoor
Refresh Rate	≥3840Hz	≥3840Hz	≥3840Hz
Pixel Matrix Per Sq.M	147,456	112,896	65,536
Life Span	100,000 Hours	100,000 Hours	100,000 Hours
Max Power Consumption	800	800	800
IP Rate	IP65	IP65	IP65
Input Voltage (AC)	100 ~ 240	100 ~ 240	100 ~ 240
Panel Size (mm)	500*500*84	500*500*84	500*500*84
Panel Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Panel Weight	7.8Kgs	7.8Kgs	7.8Kgs
Operating Temperature	-20 ~ +60℃	-20 ~ +60℃	-20 ~ +60℃



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