

OR Max Series

Outdoor Rental LED Display-P2.6,P2.9,P3.9, P4.8



Easy Maintenance



Good Cooling Design



Excellent Cabinet Design



3840Hz Refresh Rate



IP65



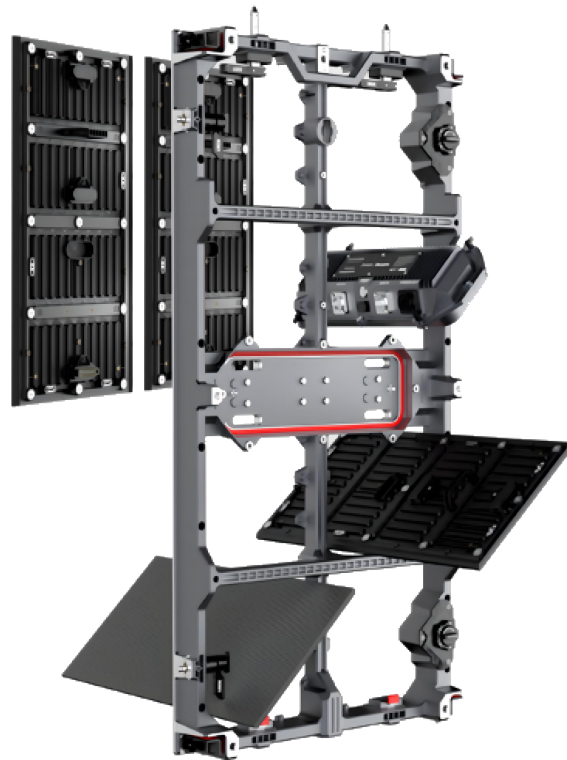
High Contrast

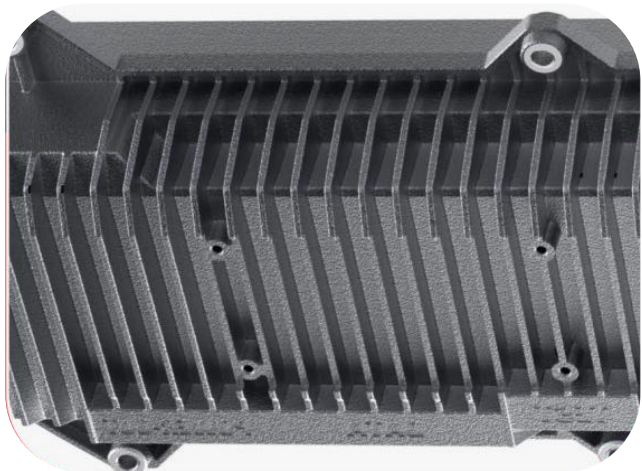
Easy Maintenance

To meet different needs of live events projects, our OR Max series use front and rear module maintenance design.

If there is any problem with the LED panel, you can replace the module in a few seconds. That greatly reduces the “downtime” during the event.

The pixel pitch P2.6, P2.9, P3.9 and P4.8 are available.



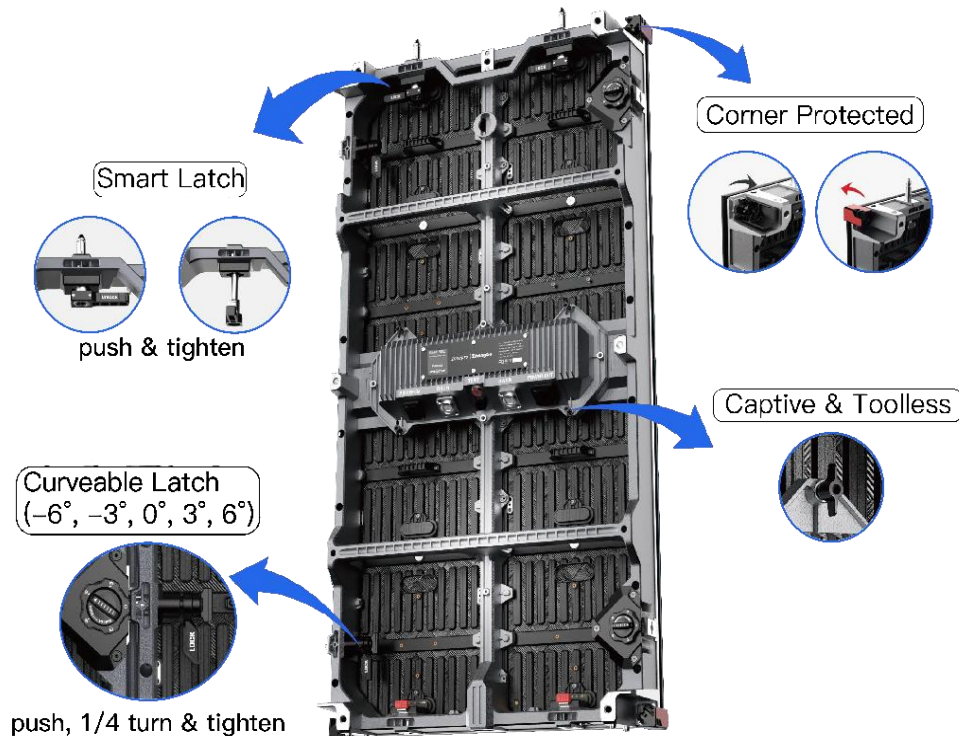


Good Cooling Design

The thermal properties of the PSU (the house is comprised of a big cool plate & a whole chassis) rapidly dissipate heat, reducing power consumption and improving component operations.

Excellent Cabinet Design

- Smart latch for tighter assemble with no gap.
- Curveable latch for multi-shaped design.
- Anti-collision protectors of the cabinet protect the modules and the LED lamp.
- Captive and toolless design for tightening the thermal properties & easier installation and replacement.





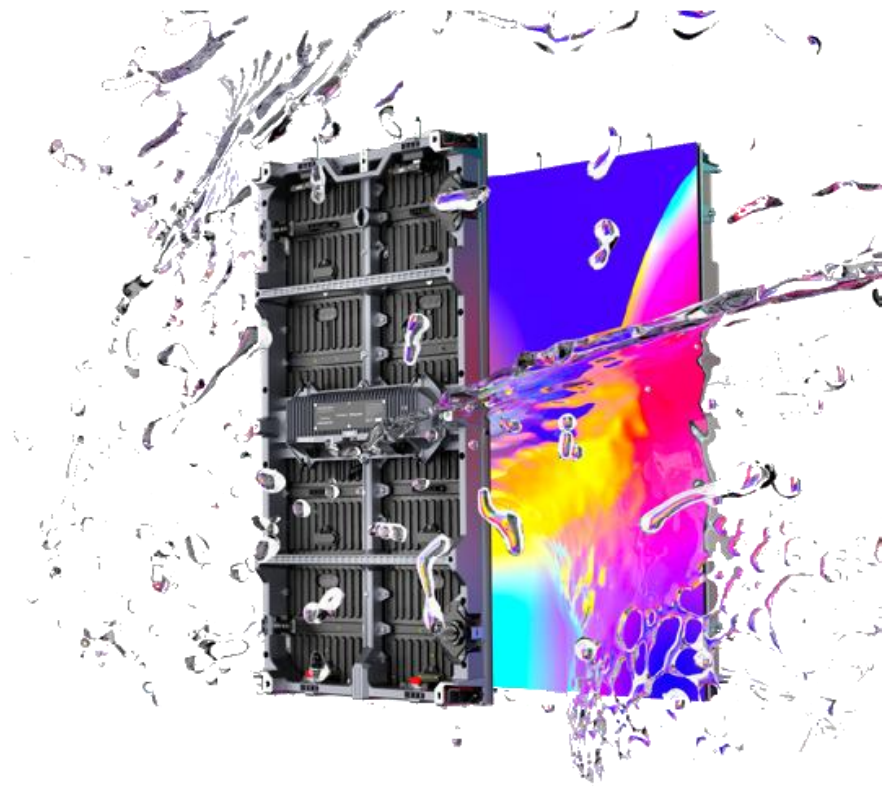
1920Hz



3840Hz

3840Hz Refresh Rate

The high refresh rate ensures the smoothness of every frame of the images, thus the LED display won't appear flicking on the highspeed camera.

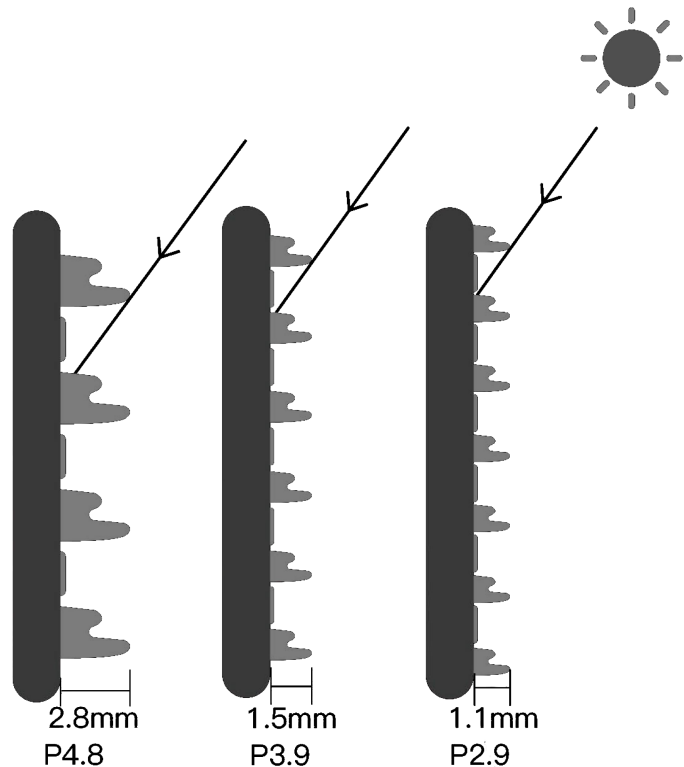


IP65

The LED screen in outdoor scenes will face more challenges than the indoor ones such as the damage of dust and water. To make the LED screen function safely and stably in outdoor scenes, we adopt advanced protective methods to withstand heavy rain and strong winds. The IP65 design can isolate electronic parts from humidity and dust, so the screen is more reliable.

High Contrast & Long Louvers

Our OR Max series use small & bright LEDs that help with contrast, more importantly, long louvers on mask that shade LEDs from environmental light especially sunlight mainly contribute to contrast. We do long louvers onto 2.9, 3.9 and 4.8mm pitches, further more, nanotechnology & sophisticated work are used to perfectly fix mask onto module, which brings a consistent look on panel.





Application Fields

To fit every different scenes, outdoor full color is made up of superior quality materials with the concise and strong cabinet. This product is usually used in:

- **Cinemas;**
- **Stages;**
- **Advertisements;**
- **Sports Events.**

OR Max Parameters

Item	P2.6	P2.9	P3.9	P4.8
Pixel Pitch	2.604mm	2.976mm	3.906mm	4.807mm
LED Type	SMD1415	SMD1415	SMD1415	SMD1921
Module Resolution	96dots x 96 dots	84dots x 168dots	64dots x 128dots	52dots x 104dots
Driving Mode	1/16scan	1/14scan	1/8scan	1/8scan
Module Pixels	9,216dots	14,112dots	8,192dots	5,408dots
Module Size	250mm x 250mm	250mm x 500mm	250mm x 500mm	250mm x 500mm
Cabinet Size	500mm x 500mm	500mm x 1,000mm	500mm x 1,000mm	500mm x 1,000mm
Cabinet Resolution	192dots x 192dots	168dots x336dots	128dots x 256dots	104dots x 208dots
Pixel Density	147,456dots/m ²	112,896dots/m ²	65,536dots/m ²	43,264dots/m ²
Minimum Viewing Distance	≥2.6 m	≥2.9 m	≥3.9 m	≥4.8 m
Brightness	4,500nits	5,500nits	5,500nits	5,500nits
IP Grade	IP65	IP65	IP65	IP65
Refresh Rate	3,840Hz	3,840Hz	3,840Hz	3,840Hz
Gray Scale	≤14bits	≤14bits	≤14bits	≤14bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	800W/m ²	800W/m ²	800W/m ²	800W/m ²
Average Power Consumption	250W/m ²	250W/m ²	250W/m ²	250W/m ²
Input Voltage	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz
Operating Temperature	- 20℃~65℃	- 20℃~65℃	- 20℃~65℃	- 20℃~65℃
Operating Humidity	10%~90%	10%~90%	10%~90%	10%~90%
Cabinet Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Cabinet Weight	10kg/panel	14.5kg/panel	14.5kg/panel	14.5kg/panel
Operating System	Window s (Win7, Win8, etc.)	Window s (Win7, Win8, etc.)	Window s (Win7, Win8, etc.)	Window s (Win7, Win8, etc.)
Signal Source Compatibility	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.