

OR2 PRO Series

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



Great Cabinet Design



Light Weight



Seamless Connection



IP65



Curve Capabilities



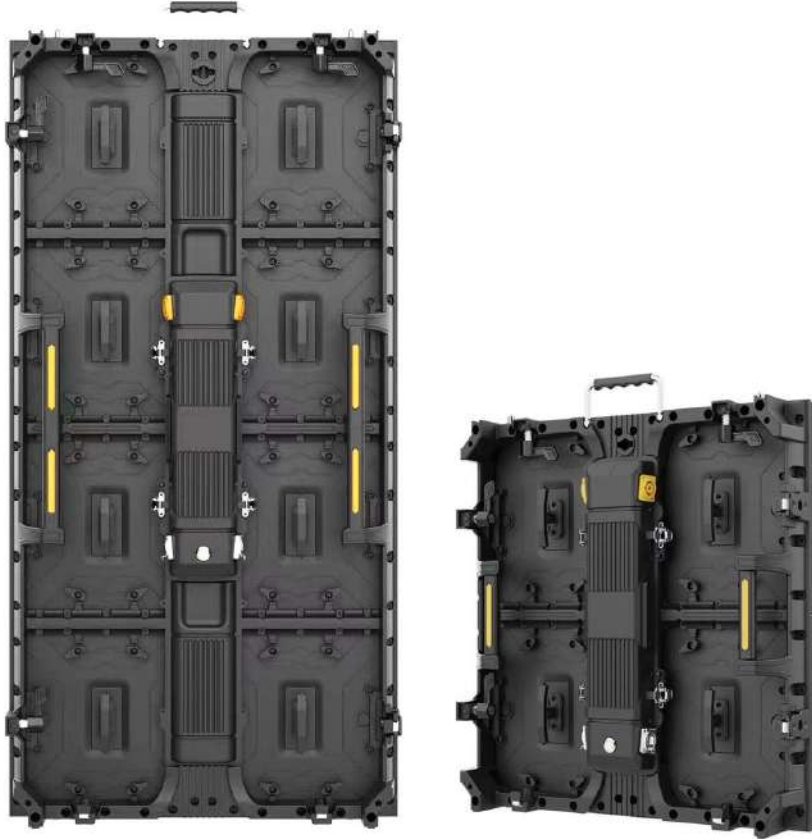
Easy Repair



High Brightness



Various Shapes



The cabinet material is Die-casting Aluminum, which ensures a high-quality construction. The structure craft remains consistent with the conventional outdoor rental product, ensuring familiarity for users. During the development of this product, our focus was on maintaining an excellent show effect while also prioritizing ease of installation through reduced weight and a unique cabinet design. These enhancements were made to meet the evolving demands of the market. Two different cabinet sizes 500x1000mm and 500x500mm.

The pixel pitch: P2.6,2.9, P3.9, P4.8



IP Grade: IP65

The LED displays are engineered with a high IP Grade of IP65, guaranteeing their ability to withstand challenging conditions and ensuring exceptional waterproof performance for extended periods of time.



Flexible Screen with fast locking design

This innovative curved connection lock design not only significantly enhances the functionality of the rental LED screen, but also enables it to accommodate a variety of curvatures ranging from -15° to $+12.5^{\circ}$. This exceptional flexibility allows users to effortlessly customize the shape of the screen according to their preferences and requirements, thereby creating a multitude of captivating visual effects. Whether utilized for artistic performances or sporting events, the curved connected lock design of the LED screen can deliver astonishing visual impact that captivates attention. In artistic performances, this screen can generate an awe-inspiring stage effect that deeply engages the audience; in sports events, it can present a more lifelike game scene that immerses spectators completely.

Moreover, apart from its curved lock design advantages the swift installation and disassembly capabilities make it suitable for diverse scenarios and applications



Moreover, this product's adaptable design allows for the creation of cube shapes, expanding its versatility even further. By preserving the 45-degree cutting angle within the product structure, users can seamlessly construct cube configurations without the hassle of cabinet alterations, streamlining the process and offering greater convenience in achieving unique display arrangements.





Brightness And Contrast

With high brightness ranging from 4,500 nits to 6,000 nits, the display ensures exceptional picture quality, particularly with fine pixel pitch displays. This delivers stunning visual output, captivating the direct-view audience.

Additionally, the screen can be equipped with black face LED technology that enables it to produce a high contrast ratio of up to 10,000:1, resulting in significantly improved image quality even under direct sunlight.



Excellent performance

The screen boasts vibrant colors and impressive brightness levels, elevating picture quality to new heights. This vivid display enhances the visual experience, offering superior clarity and detail that enhances both shooting and viewing experiences during outdoor activities. Whether capturing memorable moments or immersing oneself in dynamic content, the screen's brilliance ensures unparalleled visibility and enjoyment, even in brightly lit environments.

Application Fields

To fit every different scene, the giant LED screen is made up of superior quality materials with the concise and strong structure. This product is usually used in:

- Activity;
- Stages;
- Advertisements;
- Sports Events.



Item	P2.6	P2.9	P3.9	P4.8
Pixel Pitch	2.604mm	2.976mm	3.906mm	4.807mm
LED Type	SMD2020	SMD1415	SMD1921	SMD1921
Module Resolution	96dots × 96dots	84dots × 84dots	64dots × 64dots	52dots × 52dots
Driving Mode	1/24scan	1/21scan	1/16scan	1/13scan
Module Pixels	9,216dots	7,056dots	4,096dots	2,704dots
Module Size	250mm × 250mm	250mm × 250mm	250mm × 250mm	250mm × 250mm
Cabinet Size	500mm × 500mm or 500mm × 1,000mm	500mm × 500mm	500mm × 500mm or 500mm × 1,000mm	500mm × 500mm or 500mm × 1,000mm
Cabinet Resolution	192dots × 192dots or 192dots × 384dots	168dots × 168dots or 168dots × 336dots	128dots × 128dots or 128dots × 256dots	104dots × 104dots or 104dots × 208dots
Pixel Density	147,456dots/m ²	112,896dots/m ²	65,536dots/m ²	43,264dots/m ²
Minimum Viewing Distance	≥2.6m	≥2.9 m	≥3.9 m	≥4.8 m
Brightness	≥4,000nits	≥4,000nits	≥4,000nits	≥4,000nits
IP Grade	IP65	IP65	IP65	IP65
Refresh Rate	3,840Hz~7,680Hz	3,840Hz~7,680Hz	3,840Hz~7,680Hz	3,840Hz~7,680Hz
Gray Scale	14bits~22bits	14bits~22bits	14bits~22bits	14bits~22bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	550W/panel	550W/panel	550W/panel	550W/panel
Average Power Consumption	185W/panel	185W/panel	185W/panel	185W/panel
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	6.55kg/panel	6.55kg/panel	6.55kg/panel or 14kg/panel	6.55kg/panel or 14kg/panel
Operating System	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (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.