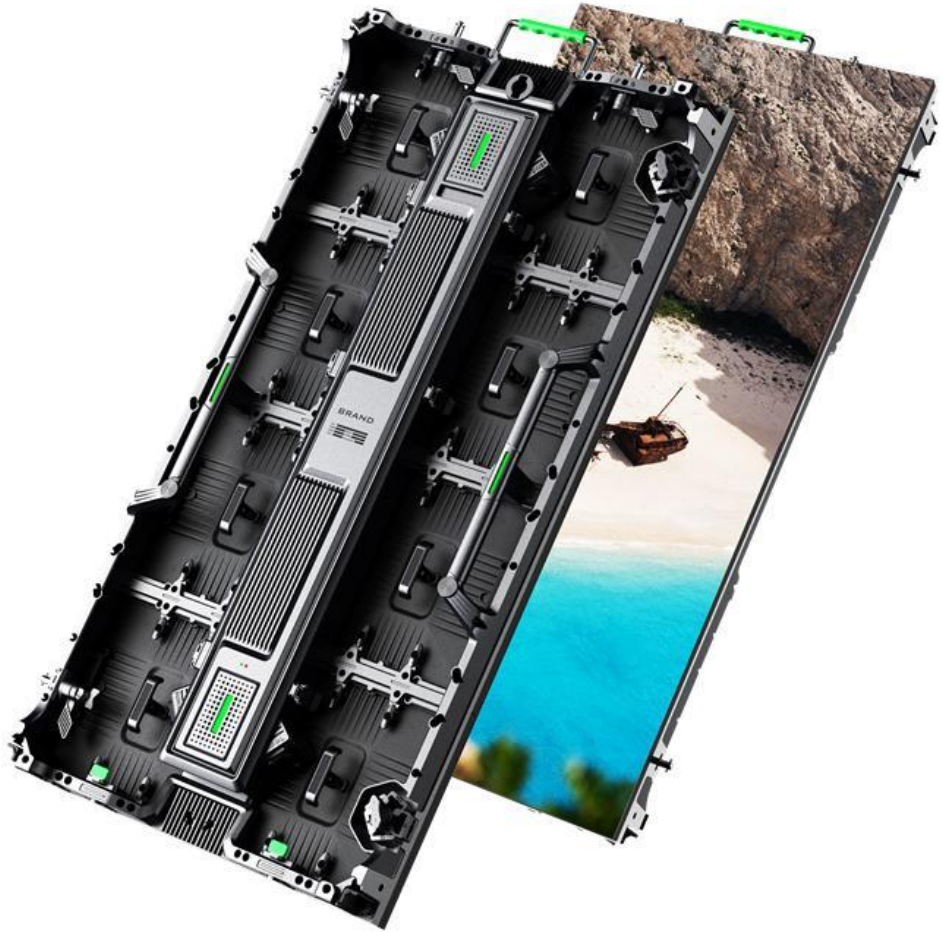
OR2 Pro Series

Outdoor Rental LED Display-P2.9,P3.9, P4.8, & P5.9

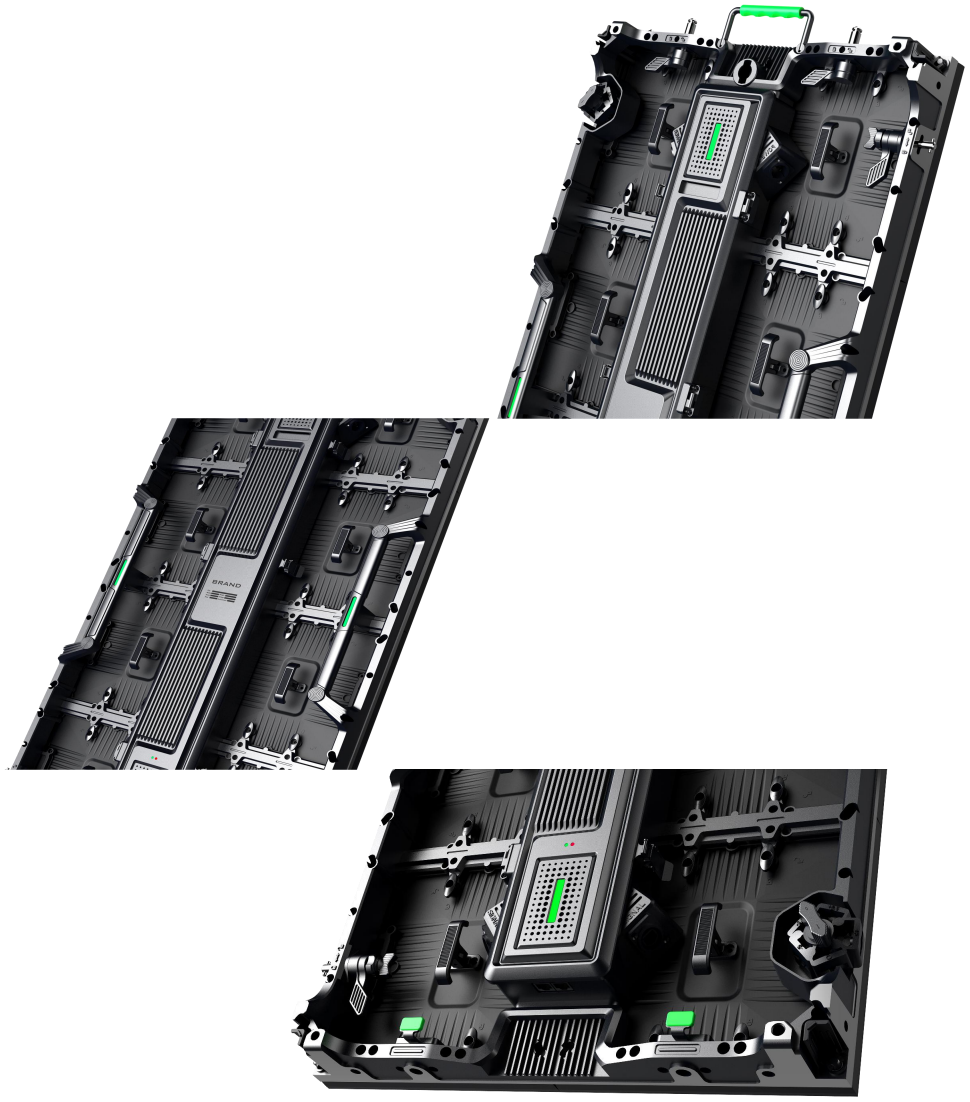


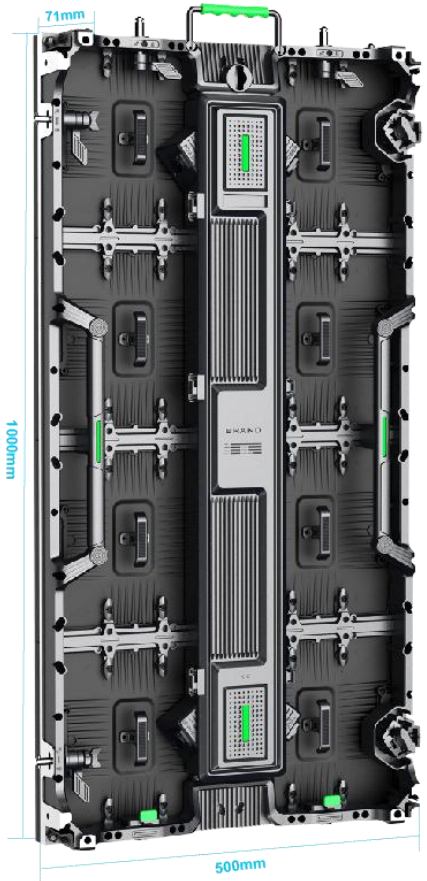
- Great Cabinet Design
- Flexible Installation
- More Creativity
- IP65
- High Quality Material
- High Quality PCB
- High Brightness
- Stunning Vision

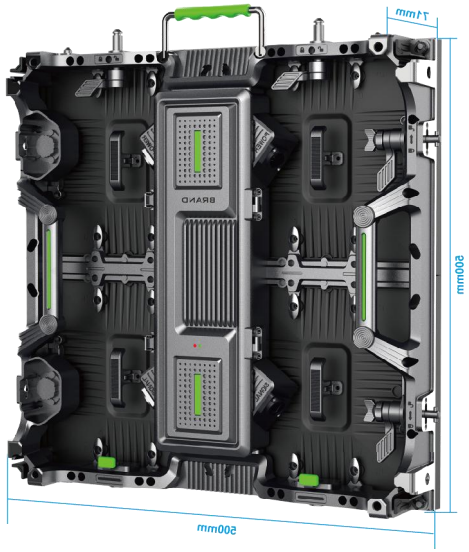
Great Cabinet Design

Outdoor rental LED screen aims at different kinds of outdoor events. The pixel pitches are P2.9, P3.9, P4.8 and P5.9. Multiple ways of protection effectively protect the LED module from damage.

- Fast locks for tighter assemble with no gap.
- Anti-collision protectors of the cabinet protect the modules and cabinet.
- Aluminum makes the cabinet dissipate heat greatly for outdoor applications.







Strong Cabinet, High Quality PCB

The cabinet material is aluminum, which is stronger than regular steel material. Meanwhile, the cabinet is lighter than the steel cabinet, so installation and transportation are easier.

Moreover, we have utilized the high quality PCB in the modules. Therefore, the LED screen works more stably than similar outdoor rental products from other factories.

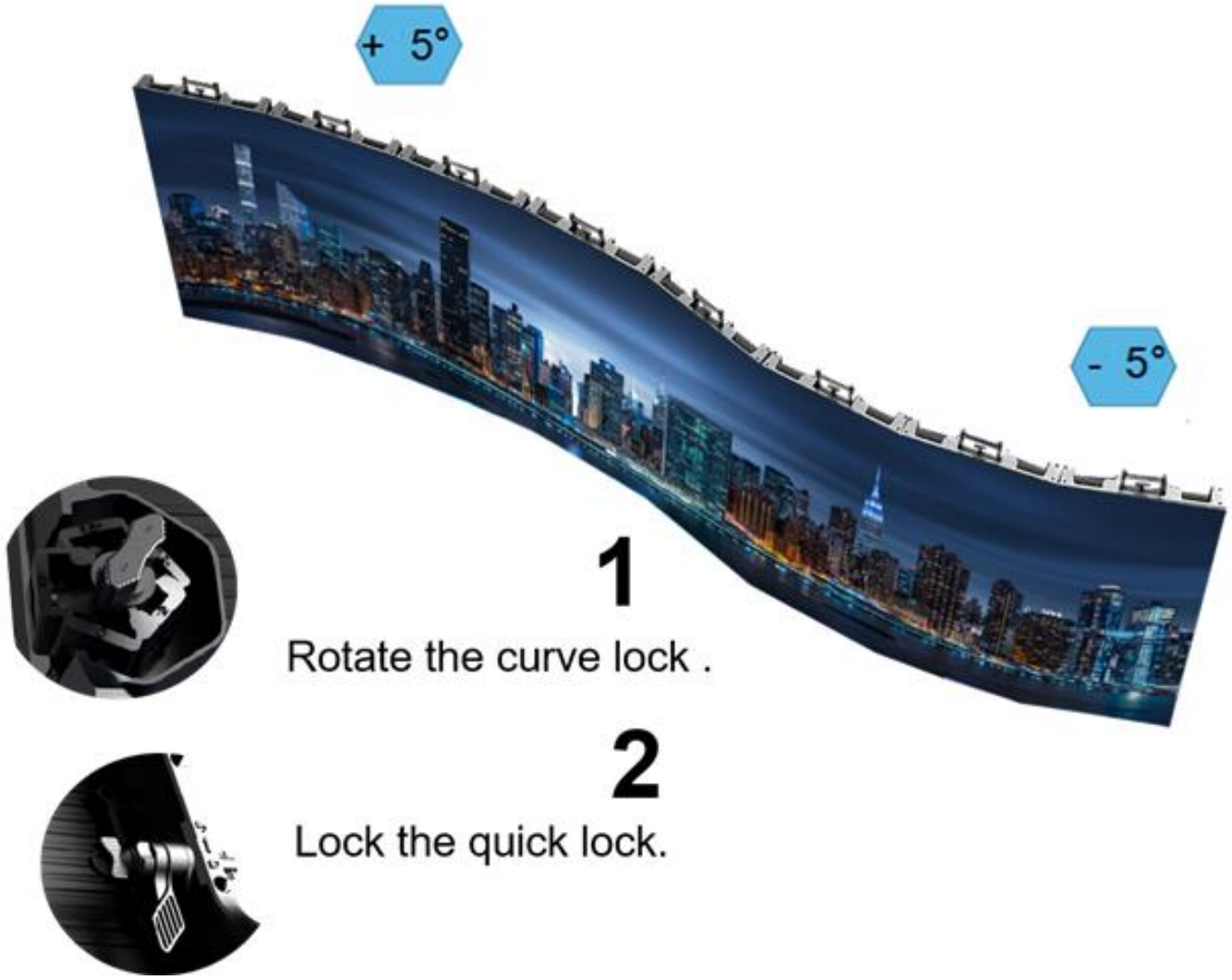
There are two choices for the cabinet:

- 500*500mm
- 500*1000mm

Flexible Installation

To meet the requirements of customers in different application scenarios, 2 cabinet sizes are available.

The weight of the cabinet is 9kgs for 500mm x 500mm cabinet and 14kgs for 500mm x 1000mm cabinet, which makes installation flexible during the event.



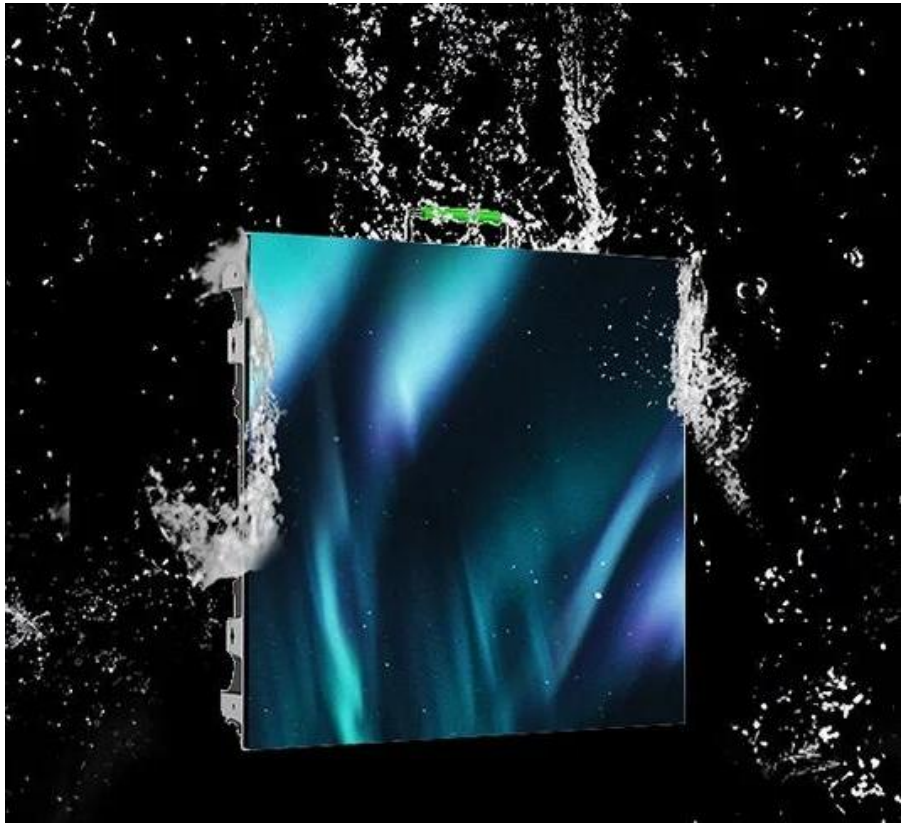
More Angles, More Creativity

The screen can be any shape, for example, round shape, flat shape, which enables more possibilities of your stage design.

High Brightness

The brightness of the outdoor display is 4,500nits ~ 6,000nits, which enables the screen to have very good clarity in direct sunlight.

Meanwhile, the cabinet also has very good heat dissipation, so the performance of the LED video screen is very reliable.



IP65 - Safe and Reliable

LED big screen adopts the automatic glue filling machine process, so it will effectively protect it from water and dust. High IP Rating (IP65) ensures great outputs in every condition.

Stunning Vision

With high quality material and great design, the screen looks extraordinary. Meanwhile, black outdoor LED technology is optional, and the outdoor rental LED screen stands out with a peerless visual performance.

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.**

Item	P2.9	P3.9	P4.8	P5.9
Pixel Pitch	2.976mm	3.906mm	4.807mm	5.952mm
LED Type	SMD1921	SMD1921	SMD1921	SMD2727
Module Resolution	84dots × 84dots	64dots × 64dots	52dots × 52dots	42dots × 42dots
Driving Mode	1/12scan	1/8scan	1/13scan	1/7scan
Module Pixels	7,056dots	4,096dots	2,704dots	1,764dots
Module Size	250mm × 250mm	250mm × 250mm	250mm × 250mm	250mm × 250mm
Cabinet Size	500mm × 500mm or 500mm × 1,000mm	500mm × 500mm or 500mm × 1,000mm	500mm × 500mm or 500mm × 1,000mm	500mm × 500mm or 500mm × 1,000mm
Cabinet Resolution	168dots × 168dots or 168dots × 336dots	128dots × 128dots or 128dots × 256dots	104dots × 104dots or 104dots × 208dots	84dots × 84dots or 84dots × 168dots
Pixel Density	112,896dots/㎡	65,536dots/㎡	43,264dots/㎡	28,224dots/㎡
Minimum Viewing Distance	≥2.9 m	≥3.9 m	≥4.8 m	≥5.9m
Brightness	≥4,000nits	≥4,500nits	≥4,500nits	≥4,500nits
IP Grade	IP65	IP65	IP65	IP65
Refresh Rate	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz
Gray Scale	13bits~24bits	13bits~24bits	13bits~24bits	13bits~24bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	135W/panel	142W/panel	130W/panel	130W/panel
Average Power Consumption	96W/panel	98W/panel	85W/panel	85W/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	9kg/panel or 14kg/panel	9kg/panel or 14kg/panel	9kg/panel or 14kg/panel	9kg/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.