OR1 PRO

Outdoor Rental LED Display-P1.9, P2.6, P2.9, P3.9, P4.8, P5.9



- Anti-Collision
- Easy to Repair
- Seamless Connection
- Curve Capabilities
- High Quality PCB
- Light Weight
- Multiple Installation
- High Quality Black SMD

Pixel Protection Design

In view of the needs of the activity, our LED screen has an “L” shape steel plate on each corner that can be adjusted to the proper direction, which avoids direct contact with the ground and strengthens product protection.

Outdoor rental LED display aims at different kinds of outdoor and indoor events. The pixel pitches are P1.9, P2.6, P2.9, P3.9, P4.8, and P5.9.





Push out or Push back





Protection Corner



Superior Materials, Excellent Performance

We choose reliable materials, including integrated circuits, LEDs, wires, power supplies. So the performance in all aspects is better and lifespan is longer than similar rental screen products in the market.

Easy to Repair

The receiving card, power supply, and hub card are built in a control box in the back of the cabinet.

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





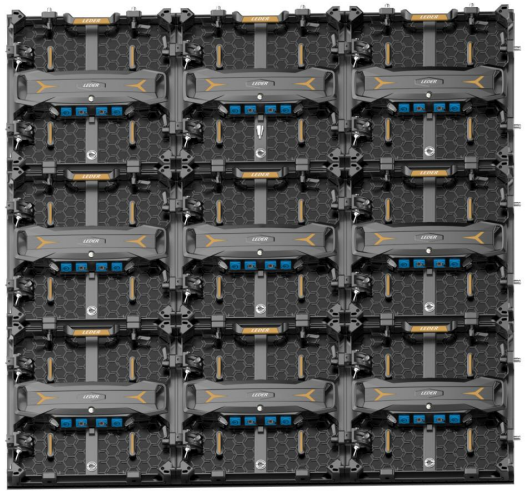
Light Weight

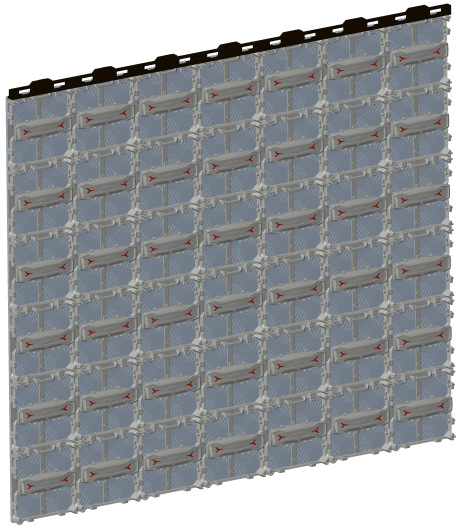
The die-casting panel is light and strong. The weight of the panel is only 7.5kg, and the thickness of the panel is only 90mm, ensuring the high quality of the LED video wall and easy operation.

Seamless Connection

The cabinet is die-casted by high precision CNC machine, plus dual locks are armed on each side of the cabinet, which makes the installation more secure and gapless.











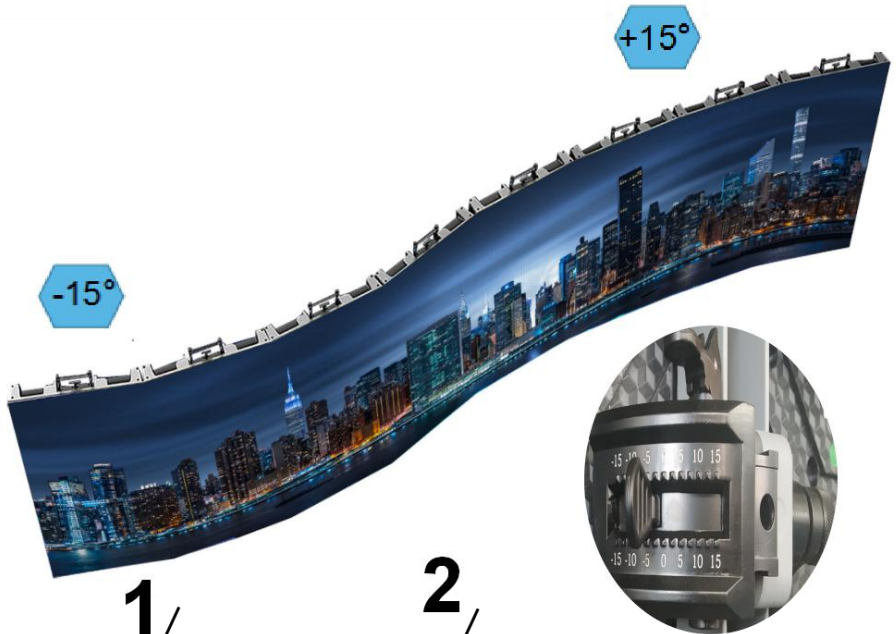
Multiple Installations

Stacking installation: Ground stacking makes your installation easier and faster during the events.

Lifting installation: The hanging bar can hang the cabinets from truss. The light weight of the cabinet will reduce the physical pressure of the frame.

Curve Capabilities

Curve connection locks are available to support the curve from -15° to +15°, which allows users to choose the flexible shape of the advertising LED screen. Flat, concave and convex screen create a strong visual impact.





High Quality Black SMD

High contrast ratio from black LED enables a clear vision on the screen in the direct sunlight.

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:

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









OR1 Pro Parameters

Item	P1.9	P2.6	P2.9	P3.9	P4.8	P5.9
Pixel Pitch	1.953mm	2.604mm	2.976mm	3.906mm	4.807mm	5.952mm
LED Type	SMD1212	SMD1415	SMD1415	SMD1921	SMD1921	SMD2727
Module Resolution	128dots × 128dots	96dots × 96dots	84dots × 84dots	64dots × 64dots	52dots × 52dots	42dots × 42dots
Driving Mode	1/32scan	1/16scan or 1/32scan	1/14scan or 1/ 21scan	1/16scan or 1/8scan	1/13scan or 1/7scan	1/7scan
Module Pixels	16,384dots	9,216dots	7,056dots	4,096dots	2,704dots	1,764dots
Module Size	250mm × 250mm	250mm × 250mm	250mm × 250mm	250mm × 250mm	250mm × 250mm	250mm × 250mm
Cabinet Size	500mm × 500mm	500mm × 500mm	500mm × 500mm	500mm × 500mm	500mm × 500mm	500mm × 500mm
Cabinet Resolution	256dots × 256dots	192dots × 192dots	168dots × 168dots	128dots × 128dots	104dots × 104dots	84dots × 84dots
Pixel Density	262,177dots/㎡	147,475dots/㎡	112,910dots/㎡	65,544dots/㎡	43,276dots/㎡	28,227dots/㎡
Minimum Viewing Distance	≥1.9m	≥2.6m	≥2.9 m	≥3.9 m	≥4.8 m	≥5.9m
Brightness	4,000nits (Black)	4,000nits (Black) / 4,500nits(White)	4,000nits (Black) / 4,500nits (White)	4,000nits (Black) / 4,500nits~6,000nits (White)	4,000nits (Black) / 4,500nits~6,000nits (White)	4,000nits (Black) / 4,500nits~6,000nits (White)
IP Grade	IP65	IP65	IP65	IP65	IP65	IP65
Refresh Rate	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz
Gray Scale	13bits~16bits	13bits~16bits	13bits~16bits	13bits~16bits	13bits~16bits	13bits~14bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	800W/㎡	800W/㎡	800W/㎡	800W/㎡	800W/㎡	800W/㎡
Average Power Consumption	230W/㎡	230W/㎡	230W/㎡	230W/㎡	230W/㎡	230W/㎡
Input Voltage	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz	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℃	- 20℃~65℃	- 20℃~65℃
Operating Humidity	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
Cabinet Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Cabinet Weight	7.5kg/panel	7.5kg/panel	7.5kg/panel	7.5kg/panel	7.5kg/panel	7.5kg/panel
Operating System	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	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.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.