PREMTECO
INNOVATIVE VISUAL TECHNOLOGIES

IR1 Series

Indoor LED Panel for Rental-P2.6, P2.9, P3.9, P4.8

Great Cabinet Design

Light Weight

Seamless Connection

Excellent Performance

Curve Capabilities

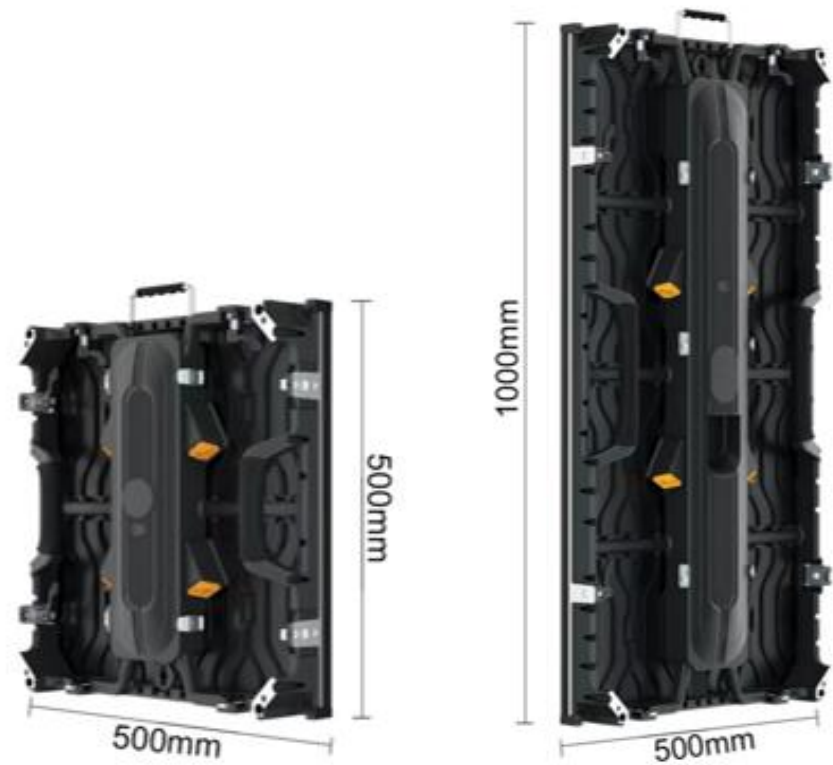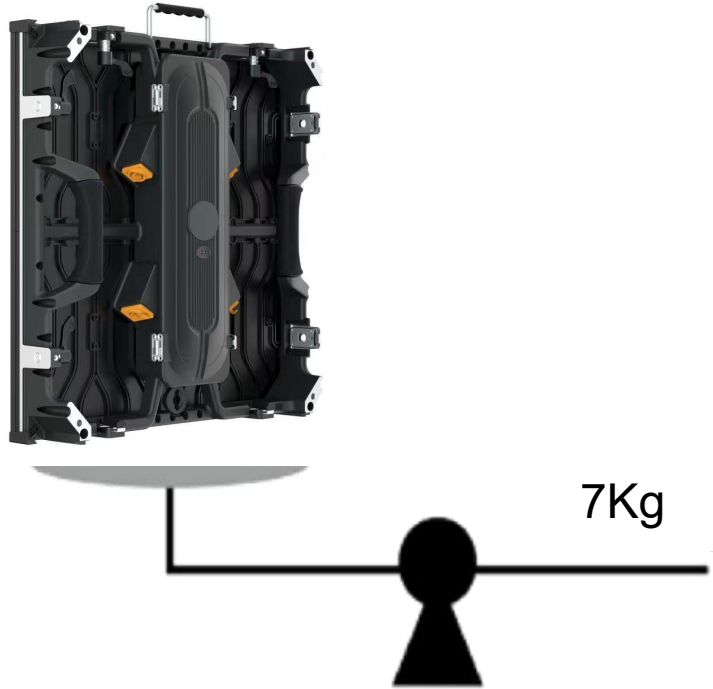Easy Repair

1,920Hz～3,840Hz

Various Shapes

Great Cabinet Design

- Handle on the top brings convenience.
- Protectors on the corner to protect the LEDs and cabinet
- Fast lock for quick installation

Two options: 500*500mm, 500*1000mm

7Kg

Light Weight

As the cabinet uses die-cast aluminum material, the weight of the panel is only 7 kgs, and it has great heat dissipation.

Corner Protection

Each cabinet corners are equipped with protectors, which can protect the cabinet and LEDs from damage caused by accidental collision.

Curved Design

The lock is very secure and strong. It can be designed to be curved to form a curved screen from -15° (convex) to +15° (concave).

Excellent visual effert

With its excellent video performance, create an immersive and dynamic visual experience. Provide viewers with a dynamic and engaging visual experience.

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Application Fields

This indoor LED panel is usually be used for:

- **Activity;**
- **Stages;**
- **Exhibition hall;;**
- **Sports Events.**

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Item	P1.9	P2.6	P2.9	P3.9	P4.8
Pixel Pitch	1.953mm	2.604mm	2.976mm	3.906mm	4.807mm
LED Type	SMD1515	SMD1515	SMD1515	SMD2020	SMD2020
Module Resolution	128dots x 128dots	96dots x 96dots	84dots x 84dots	64dots x 64dots	52dots x 52dots
Driving Mode	1/32scan	1/32scan	1/28scan or 1/42scan	1/16scan	1/13scan
Module Pixels	16384dots	9,216dots	7,056dots	4,096dots	2,704dots
Module Size	250mm x 250mm	250mm x 250mm	250mm x 250mm	250mm x 250mm	250mm x 250mm
Cabinet Size	500mm x 500mm or 500mm x 1000mm	500mm x 500mm or 500mm x 1000mm	500mm x 500mm or 500mm x 1000mm	500mm x 500mm or 500mm x 1,000mm	500mm x 500mm or 500mm x 1,000mm
Cabinet Resolution	256dots x 256dots or 256dots x 512dots	192dots x 192dots or 192dots x 348dots	168dots x 168dots or 168dots x 336dots	128dots x 128dots or 128dots x 256dots	104dots x 104dots or 104dots x 208dots
Pixel Density	262144dots/㎡	147,456dots/m²	112,896dot/m²	65,536dots/m²	43,264dots/m²
Minimum Viewing Distance	≥2.4m	≥2.6m	≥2.9m	≥3.9m	≥4.8m
Brightness	600nits~800nits	600nits~800nits	600nits~800nits	800nits~1,200nits	800nits~1,200nits
IP Grade	IP45	IP43	IP43	IP43	IP43
Refresh Rate	1,920Hz~3840Hz	1,920Hz~3840Hz	1,920Hz~3840Hz	1,920Hz~3840Hz	1,920Hz~3840Hz
Gray Scale	13bits~18bits	13bits~18bits	13bits~18bits	13bits~18bits	13bits~18bits
Viewing Angle	H:160°/V:160°	H:160°/V:160°	H:160°/V:160°	H:160°/V:160°	H:160°/V:160°
Maximum Power Consumption	≤580W/㎡	520W/m²	520W/m² or 300W/m²	520W/m²	520W/m²
Average Power Consumption	≤195W/㎡	175W/m²	175W/m² or 100W/m²	175W/m²	175W/m²
Cabinet Weight	AC110V~AC220V @ 50Hz/60Hz	7kg/panel	7kg/panel or 14kg/panel	7kg/panel or 14kg/panel	7kg/panel or 15kg/panel
Cabinet Material	−20℃~65℃	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Input Voltage	10%~90%	AC110V~AC220V @ 50Hz/60Hz	AC110V~AC220V @ 50Hz/60Hz	AC110V~AC220V @ 50Hz/60Hz	AC110V~AC220V @ 50Hz/61Hz
Operating Temperature	Die-casting Aluminum	−20℃~65℃	−20℃~65℃	−20℃~65℃	−20℃~66℃
Operating Humidity	9kg/panel or 14kg/panel	10%~90%	10%~90%	10%~90%	10%~91%
Operating System	Windows(Win7,Win8,etc.)	Windows(Win7,Win8,etc.)	Windows(Win7,Win8,etc.)	Windows(Win7,Win8,etc.)	Windows(Win7,Win9,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, HDMI2.1, etc.