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INNOVATIVE VISUAL TECHNOLOGIES

IR Max Series

Indoor Rental LED Display- P2.6, P2.9

- Easy Maintenance
- Good Cooling Design
- Excellent Cabinet Design
- 7680Hz Rrefresh Rate
- XR Technology
- Stunning Vision

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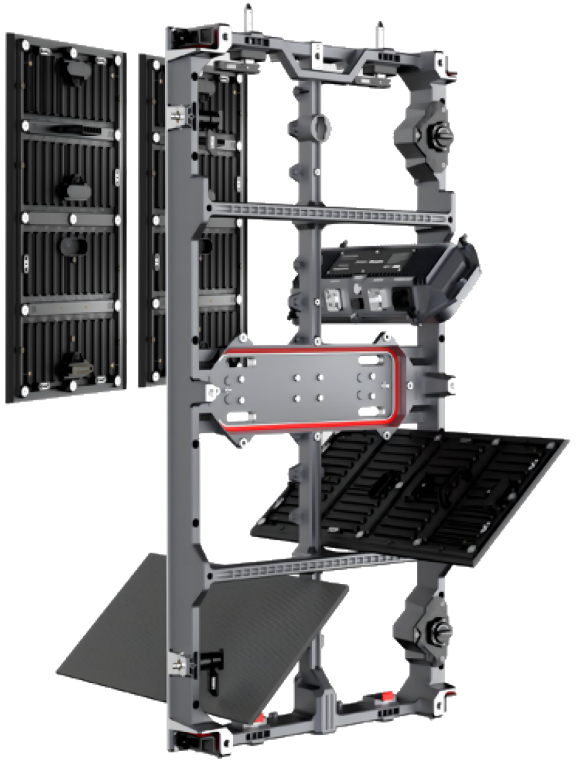
Easy Maintenance

To meet different needs of live events projects, our IR 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 P2.6nd P2.9 are available.



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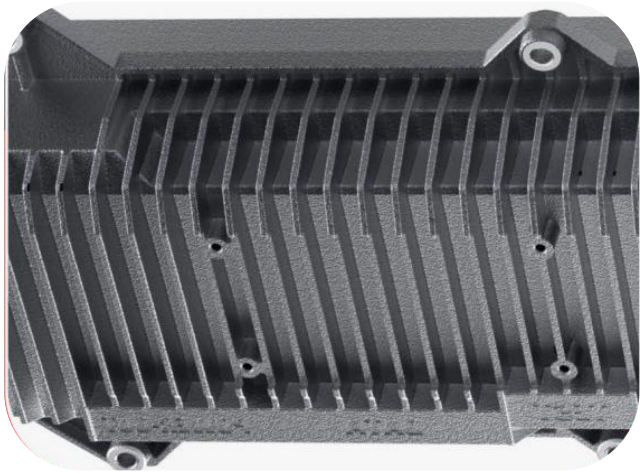

Good Cooling Design

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.

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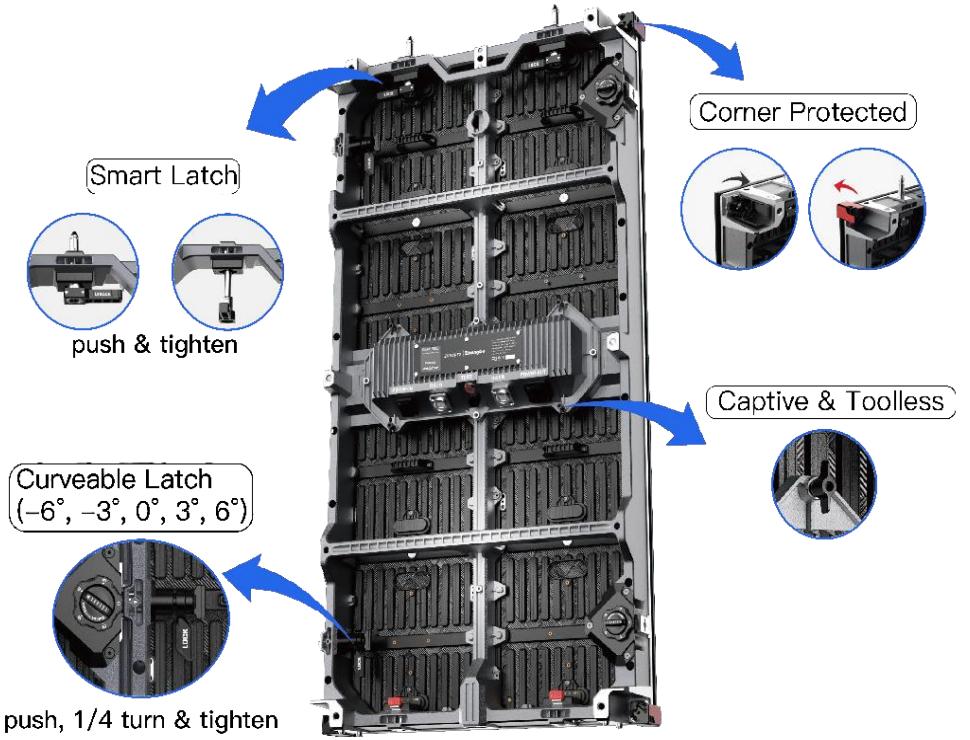
Excellent Cabinet Design

- Smart latch for tighter assemble with no gap.
- Curve 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.



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1920Hz 7680Hz

7680Hz Rrefresh 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.

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XR Technology

Our IR Max series have been specifically developed for used in film & TV industries as well as extended reality applications. Premteco’s intelligent electronnic design capabilities performed acritical role in the XR’s high-performance abilities, creating a display that is meticulously close to real-life imagery.

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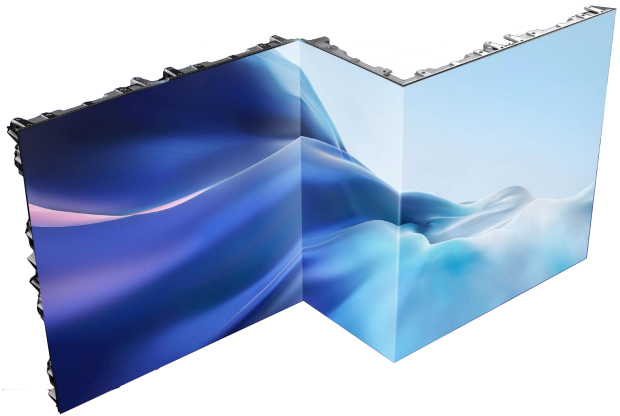
Creative Application

Our IR Max series allow you to realize many creative solutions. In addition to standard designs, panels of IR Max series can curve, be ceiling mounted, at right angles, let your imagination be the solution



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Application Fields

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

- **Program;**
- **Show;**
- **Film Studio.**

IR Max Parameters

Item	P2.6	P2.9
Pixel Pitch	2.604mm	2.976mm
LED Type	SMD1515	SMD2020
Module Resolution	96dots × 192dots	84dots × 168dots
Driving Mode	1/16scan	1/14scan
Module Pixels	18,432dots	14,112dots
Module Size	250mm × 500mm	250mm × 500mm
Cabinet Size	500mm × 1,000mm	500mm × 1,000mm
Cabinet Resolution	192dots × 384dots	168dots × 336dots
Pixel Density	147,456dots/㎡	112,896dots/㎡
Minimum Viewing Distance	≥2.6 m	≥2.9 m
Brightness	≥1000nits	≥1000nits
IP Grade	IP30	IP30
Refresh Rate	7,680Hz	7,680Hz
Gray Scale	≤16bits	≤16bits
Frame Frequency	236Hz	236Hz
Viewing Angle	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	420W/㎡	420W/㎡
Average Power Consumption	140W/㎡	140W/㎡
Input Voltage	AC110V～AC220V @ 50Hz / 60Hz	AC110V～AC220V @ 50Hz / 60Hz
Operating Temperature	−20℃～65℃	−20℃～65℃
Operating Humidity	10%～90%	10%～90%
Cabinet Material	Die-casting Magnesium	Die-casting Magnesium
Cabinet Weight	12kg/panel	12kg/panel
Operating System	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.