



IR & OR L-Y Series

Indoor & Outdoor Rental LED Display

Indoor: P1.9,P2.6,P2.9,P3.9

Outdoor: 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

Product Description

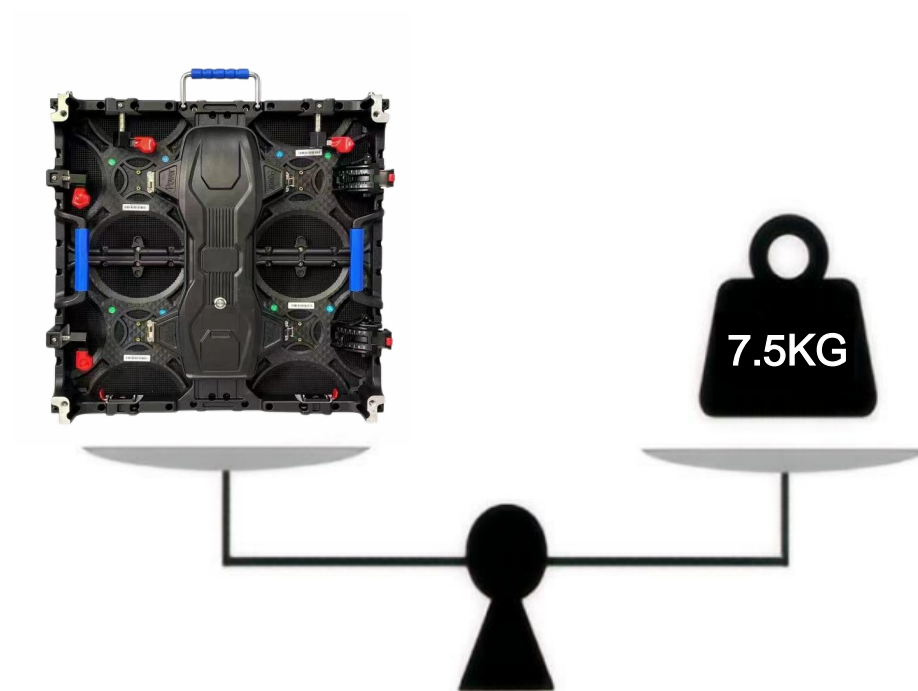
Great Cabinet Design

To meet the requirements of customers in different application scenarios, 2 cabinet sizes are available. One of the cabinet size is 500mm x 500mm, and another one is 500mm x 1000mm, which makes installation flexible during the event.

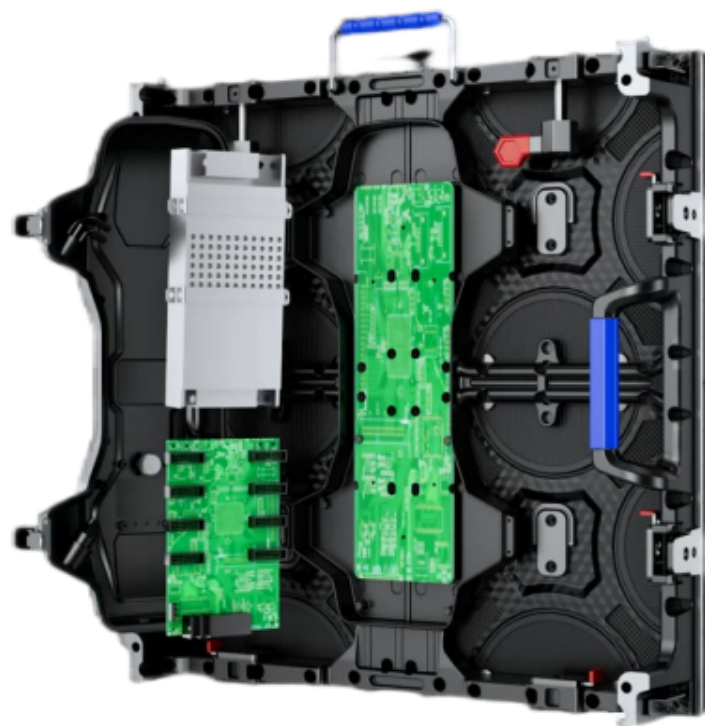


Light Weight and High precision

As the cabinet uses Die-cast aluminum material, the weight of the panel is only 7.5 kgs, and it has great heat dissipation.

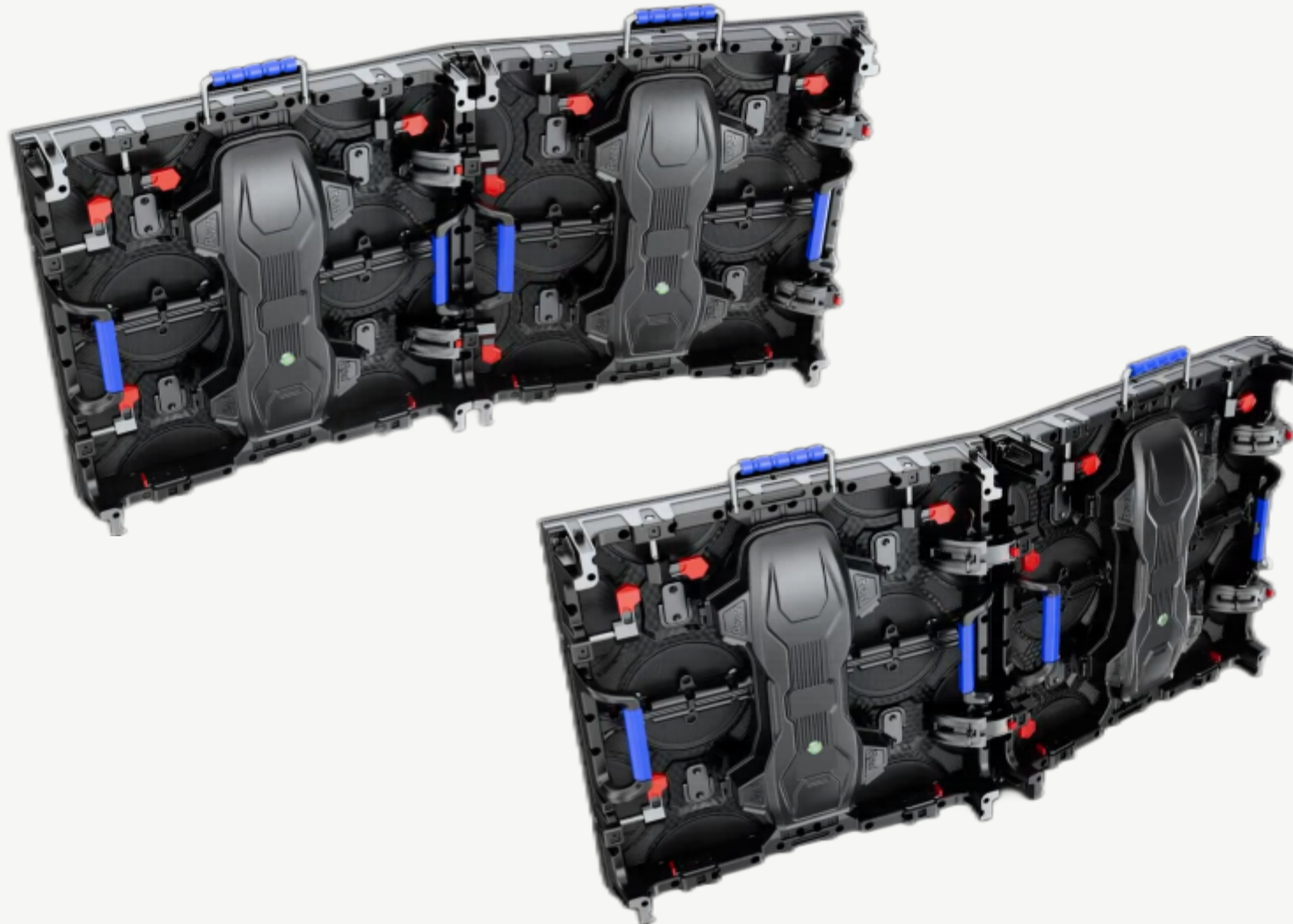


Power supply and Receiver card



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 $+15^{\circ}$ (concave).



Cabinet arc splicing

500 and 1000 arc cabinets with inner arc/outer arc/straight screen



Excellent visual effort

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



Application Files

Activity: Stages; Exhibition hall; Sport Events.



Parameters (Indoor)

Item	P1.9	P2.6	P2.9	P3.9
Pixel Pitch	1.95mm	2.604mm	2.97mm	3.91mm
LED Type	SMD1515	SMD1515	SMD1515	SMD2020
Module Resolution	128dots×128dots	96dots×96dots	84dots×84dots	64dots×64dots
Driving Mode	1/32scan	1/24scan	1/21scan	1/16scan
Module Pixels	16,384dots	9,216dots	7,058dots	4,098dots
Module Size	250mm×250mm	250mm×250mm	250mm×250mm	250mm×250mm
Cabinet Size	500 × 500/1000mm	500 × 500/1000mm	500 × 500/1000mm	500 × 500/1000mm
Cabinet Resolution	256 × 256/512dots	192 × 192/384dots	168 × 168/376dots	128 × 128/256dots
Pixel Density	282,144dots/m ²	147,456dots/m ²	112,898dots/m ²	65,538dots/m ²
Minimum Viewing Distance	≥1.9m	≥2.6m	≥2.9m	≥3.9m
Brightness	600~800nits(Black)	600~800nits(Black)	600~800nits(Black)	600~800nits(Black)
IP Grade	IP43	IP43	IP43	IP43
Refresh Rate	1,920Hz~7,680Hz	1,920Hz~7,680Hz	1,920Hz~7,680Hz	1,920Hz~7,680Hz
Gray Scale	13bits~24bits	13bits~24bits	14bits~24bits	14bits~24bits
Viewing Angle	H:160° /V:160°	H:160° /V:160°	H:160° /V:160°	H:160° /V:160°
Max Power Consumption	520W/m ²	520W/m ²	520W/m ²	520W/m ²
Avg Power Consumption	175W/m ²	175W/m ²	175W/m ²	175W/m ²
Input Voltage	AC110V~AC220V @50Hz/60Hz	AC110V~AC220V @50Hz/60Hz	AC110V~AC220V @50Hz/60Hz	AC110V~AC220V @50Hz/60Hz
Operating Temperature	20℃~85℃	20℃~85℃	20℃~50℃	20℃~50℃
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	7.5kg/panel	7.5kg/panel	7.5kg/panel	7.5kg/panel
Operating System	Windows (Win7,Win8,etc.)	Windows (Win7,Win8,etc.)	Windows (Win7,Win10,etc.)	Windows (Win7,Win10,etc.)
Signal Source Compatibility	DVI,HDMI1.3,DP1.2,SDI,HDMI20,etc	DVI,HDMI1.3,DP1.2,SDI,HDMI20,etc	DVI,HDMI1.3,DP1.2,SDI,HDMI20,etc	DVI,HDMI1.3,DP1.2,SDI,HDMI20,etc

Parameters (Outdoor)

Item	P2.6	P2.9	P3.9	P4.8
Pixel Pitch	2.604mm	2.978mm	3.906mm	4.807mm
LED Type	SMD1415	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	7,058dots	4,098dots	2,704dots
Module Size	250mm×250mm	250mm×250mm	250mm×250mm	250mm×250mm
Cabinet Size	500 × 500/1000mm	500 × 500/1000mm	500 × 500/1000mm	500 × 500/1000mm
Cabinet Resolution	192 × 192/384dots	168 × 168/376dots	128 × 128/256dots	104 × 104/208dots
Pixel Density	147,456dots/m ²	112,898dots/m ²	65,538dots/m ²	43,264dots/m ²
Minimum Viewing Distance	≥2.6m	≥2.9m	≥3.9m	≥4.8m
Brightness	≥4,000nits	≥4,000nits	≥4,000nits	≥4,000nits
IP Grade	IP65	IP65	IP65	IP65
Refresh Rate	1,920Hz~7,680Hz	1,920Hz~7,680Hz	1,920Hz~7,680Hz	1,920Hz~7,680Hz
Gray Scale	13bits~24bits	14bits~24bits	14bits~24bits	14bits~24bits
Viewing Angle	H:160° /V:160°	H:160° /V:160°	H:160° /V:160°	H:160° /V:160°
Max Power Consumption	760W/m ²	800W/m ²	800W/m ²	800W/m ²
Avg Power Consumption	230W/m ²	250W/m ²	250W/m ²	250W/m ²
Input Voltage	AC110V~AC220V @50Hz/60Hz	AC110V~AC220V @50Hz/60Hz	AC110V~AC220V @50Hz/60Hz	AC110V~AC220V @50Hz/60Hz
Operating Temperature	20℃~85℃	20℃~50℃	20℃~50℃	20℃~30℃
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	7.5kg/panel	7.5kg/panel	7.5kg/panel	7.5kg/panel
Operating System	Windows (Win7,Win8,etc.)	Windows (Win7,Win10,etc.)	Windows (Win7,Win10,etc.)	Windows (Win7,Win10,etc.)
Signal Source Compatibility	DVI,HDMI 1.3,DP1.2,SDI,HDMI20,etc	DVI,HDMI 1.3,DP1.2,SDI,HDMI20,etc	DVI,HDMI 1.3,DP1.2,SDI,HDMI20,etc	DVI,HDMI 1.3,DP1.2,SDI,HDMI20,etc