IR & OR L-N Series

Indoor & Outdoor Rental LED Display

Indoor: P1.56,P1.9,P2.5,P2.6,P2.9,P3.9,P4.8

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 avalable.
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.

Removable power supply easy

The power supply box is easy to disassemble,you only need to open the button next to the box, and you can easily replace it.

Removable module easy

Technical support and upgrades:
Front magnet service module makes it easier to upgrade and maintain the screen.

Arc lock Display and Flat lock Display

Choosing different locks can achieve scene changes with different needs of customers.

Curved Design

The lock is very secure and strong. It can be designed to be curved to form a curved screen from -12.5°(convex) to +15°(concave).

Installation methods

Hoisting and Stacking etc...

Parameters (Indoor)

Item	P1.56	P1.9	P2.5	P2.6	P2.9	P3.9	P4.8
Pixel Pitch	1.56mm	1.95mm	2.5mm	2.604mm	2.97mm	3.91mm	4.807mm
LED Type	SMD1515	SMD1515	SMD1515	SMD1515	SMD1515/SMD2020	SMD2020	SMD2020
Module Resolution	160dots×160dots	128dots×128dots	100dots×100dots	96dots×96dots	84dcts×84dots	64dots×64dots	52dots×52dots
Driving Mode	1/32scan	1/32scan	1/32scan	1/24scan	1/21scan	1/16scan	1/13scan
Module Pixels	25,600dots	16,384dots	10,000dots	9,216dots	7,058dots	4,098dots	2,704dots
Module Size	250mm×250mm	250mm×250mm	250mm×250mm	250mm×250mm	250mm×250mm	250mm×250mm	250mm×250mm
Cabinet Size	500 × 500/1000mm	500 × 500/1000mm	500 × 500/1000mm	500 × 500/1000mm	500 × 500/1000mm	500 × 500/1000mm	500 × 500/1000mm
Cabinet Resolution	320 × 320/640dots	256 × 256/512dots	200 × 200/400dots	192 × 192/384dots	168 × 168/376dots	128 × 128/256dots	104 × 104/208dots
Pixel Density	409,600dots/㎡	282,144dots/㎡	160,000dots/㎡	147,456dots/㎡	112,898dots/㎡	65,538dots/㎡	43,264dots/㎡
Minimum Viewing Distance	≥1.5m	≥1.9m	≥2.5m	≥2.6m	≥2.9m	≥3.9m	≥4.8m
Brightness	600~800nits(Black)	600~800nits(Black)	600~800nits(Black)	600~800nits(Black)	600~800nits(Black)	600~800nits(Black)	600~800nits(Black)
IP Grade	IP43	IP43	IP43	IP43	IP43	IP43	IP43
Refresh Rate	1,920Hz~7,680Hz	1,920Hz~7,680Hz	1,920Hz~7,680Hz	1,920Hz~7,680Hz	1,920Hz~7,680Hz	1,920Hz~7,680Hz	1,920Hz~7,680Hz
Gray Scale	13bits~24bits	13bits~24bits	13bits~24bits	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°	H:160° /V:160°	H:160° /V:160°	H:160° /V:160°
Max Power Consumption	520W/㎡	520W/㎡	520W/㎡	520W/㎡	520W/㎡	520W/㎡	520W/㎡
Avg Power Consumption	175W/㎡	175W/㎡	175W/㎡	175W/㎡	175W/㎡	175W/㎡	175W/㎡
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	AC110V~AC220V @50Hz/60Hz
Operating Temperature	20℃~85℃	20℃~85℃	20℃~85℃	20℃~85℃	20℃~50℃	20℃~50℃	20℃~50℃
Operating Humidity	10%~90%	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-casing 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	7.5kg/panel
Operating System	Windows (Win7,Win8,etc.)	Windows (Win7,Win8,etc.)	Windows (Win7,Win8,etc.)	Windows (Win7,Win8,etc.)	Windows (Win7,Win10,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	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	84dcts×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/㎡	112,898dots/㎡	65,538dots/㎡	43,264dots/㎡
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/㎡	800W/㎡	800W/㎡	800W/㎡
Avg Power Consumption	230W/㎡	250W/㎡	250W/㎡	250W/㎡
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-casing 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,HDM1.3,DP1.2, SDI,HDMI20,etc	DVI,HDM1.3,DP1.2, SDI,HDMI20,etc	DVI,HDM1.3,DP1.2, SDI,HDMI20,etc	DVI,HDM1.3,DP1.2, SDI,HDMI20,etc