

SP2 Series

Fine Pitch LED Display-P2.5, P2, P1.8



Cost-Effective



Front Access



Thin Screen



Easy Maintenance



Die-Casting Aluminum



Quick Installation



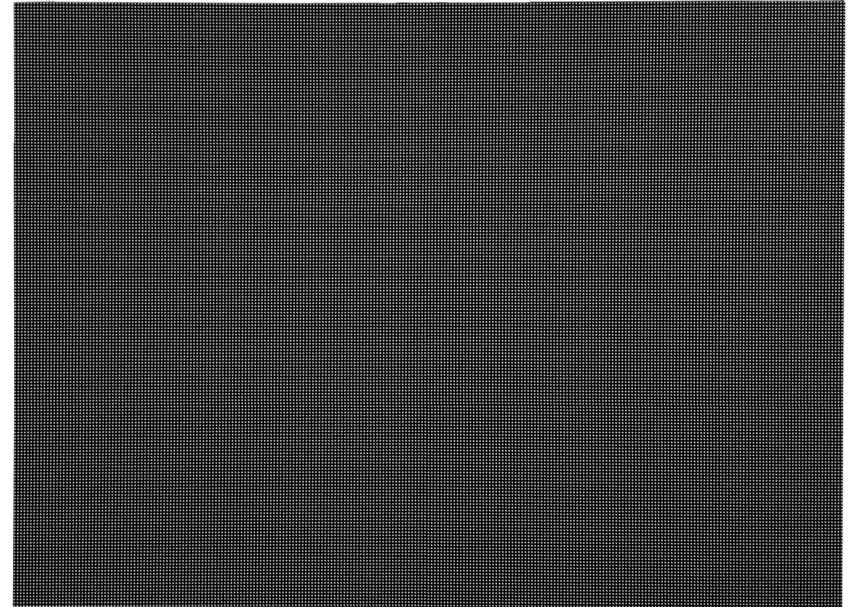
1920Hz ~ 3840Hz

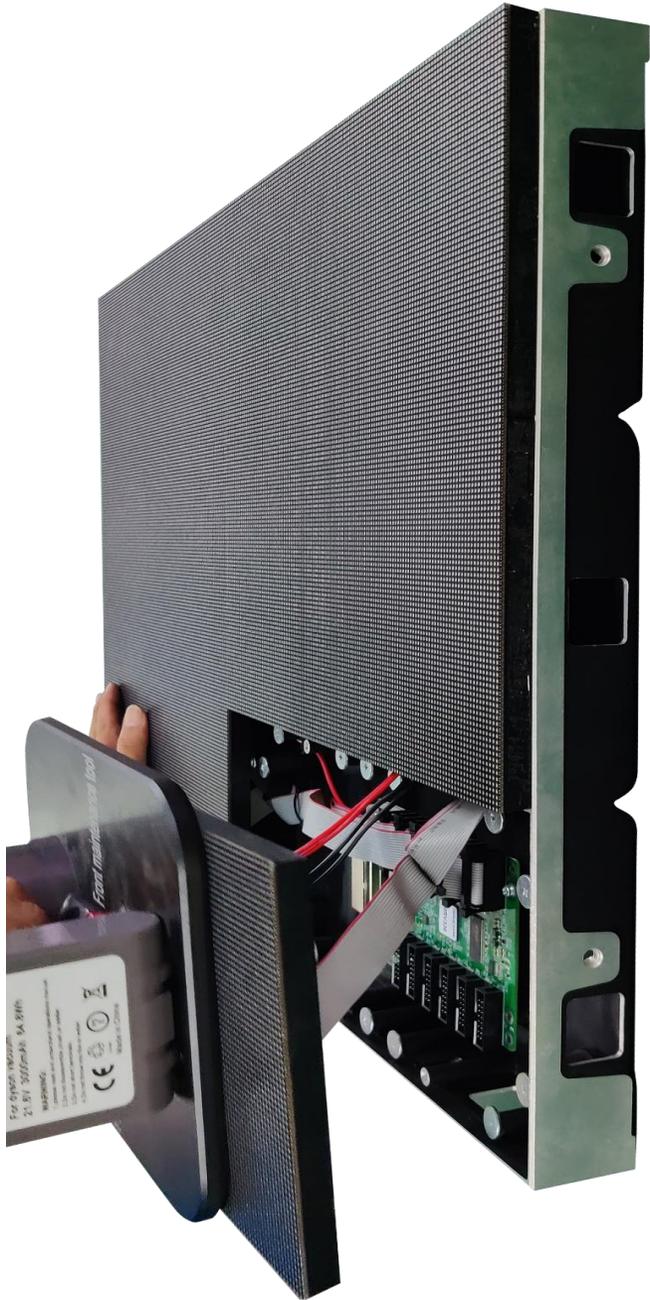


14bits ~ 24bits

High Refresh Rate and Excellent Visual Effect

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. And the images and video visual effects are amazing. Our SP2 series has an excellent visual performance because we adopt high-quality black LED. The color contrast ratio is even better than 5000:1. Armed with HDR technology and color enhancement technology, the white balance of the screen reaches a 100% sRGB and stunning visual performance. Even in high light environments the screen also looks very clear, and the visual effect looks perfect.



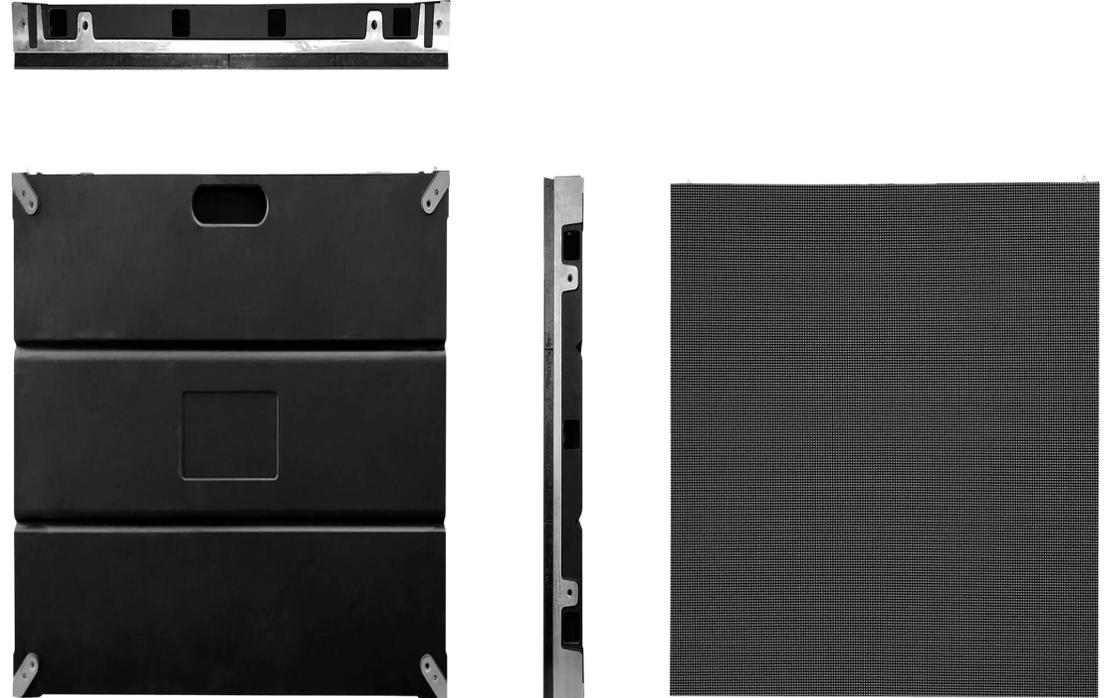


Fully Front Access Service

The cabinet, module, power supply and other components are with fully front access service, therefore super easy disassembly of the fine pitch LED screen is allowed. The cabinet can be accessed from front side for maintenance and installation.

Seamless Connection

High precision CNC fabrication and the cabinet precision within 0.05mm bring seamless assembly. Besides, signal cables and power cables are inside of the cabinets and the LED screen without external cables brings more stability.



Multiple Functions

Small pitch screen can be used for both fixed and rental indoor installation.

The feedback from the clients for this item is 5 stars because of its reliable performance and high quality images.



Cost-effective

Indoor LED panel with the slim and unique design and the pixel pitches are P1.6, P1.8, P2.0 and P2.5. Meanwhile, our SP2 series LED screens were sold a lot each year, it's favourable and cost effective.



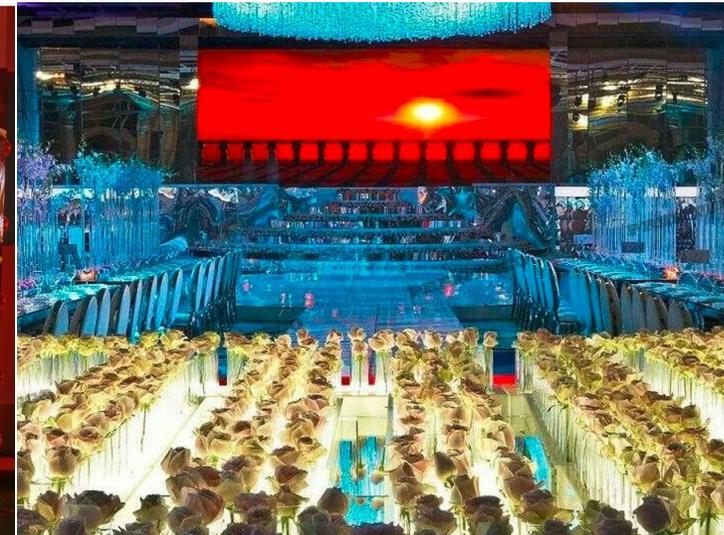


Light Weight, Thin Screen

Die-casting aluminum design is used in the cabinet , so each panel weighs only 7.5 kgs, which brings much more convenience when we do the installation and transportation. More importantly, it can reduce the pressure of architecture and the risk of collapse.

Application Fields

- Meeting Room
- TV studio
- Exhibition Center
- Shopping Mall
- Airport



SP2 Parameters

Item	P1.6	P1.8	P2.0	P2.5
Pixel Pitch	P1.66mm	1.86mm	2.0mm	2.5mm
LED Type	SMD1010	SMD1515	SMD1515	SMD2020
Module Resolution	192dotsx96dots	172dots × 86dots	160dots × 80dots	128dots × 64dots
Driving Mode	1/48scan	1/43scan	1/40scan	1/32scan
Module Pixels	18,432dots	14,792dots	12,800dots	8,192dots
Module Size	320mm × 160mm	320mm × 160mm	320mm × 160mm	320mm × 160mm
Cabinet Size	640mm × 480mm	640mm × 480mm	640mm × 480mm	640mm × 480mm
Cabinet Resolution	384dots x 288dots	344dots × 258dots	320dots × 240dots	256dots × 192dots
Pixel Density	360,000dots/m ²	288,906 dots/m ²	250,000dots/m ²	160,000dots/m ²
Minimum Viewing Distance	≥1.6m	≥1.8m	≥2.0m	≥2.5 m
Brightness	800nits~1,000nits	800nits~1,000nits	800nits~1,000nits	800nits~1,000nits
IP Grade	IP43	IP43	IP43	IP43
Refresh Rate	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz
Gray Scale	14bits~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°
Maximum Power Consumption	350W/m ²	350W/m ²	350W/m ²	350W/m ²
Average Power Consumption	100W/m ²	100W/m ²	100W/m ²	100W/m ²
Input Voltage	AC110V~AC220V @ 50Hz / 60Hz			
Operating Temperature	-20°C~65°C	-20°C~65°C	-20°C~65°C	-20°C~65°C
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.)			
Signal Source Compatibility	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.			