PREMTECO
INNOVATIVE VISUAL TECHNOLOGIES

SP2 Series

Indoor Fine Pitch LED Display

- Cost-Effective
- Front Access
- Thin Screen
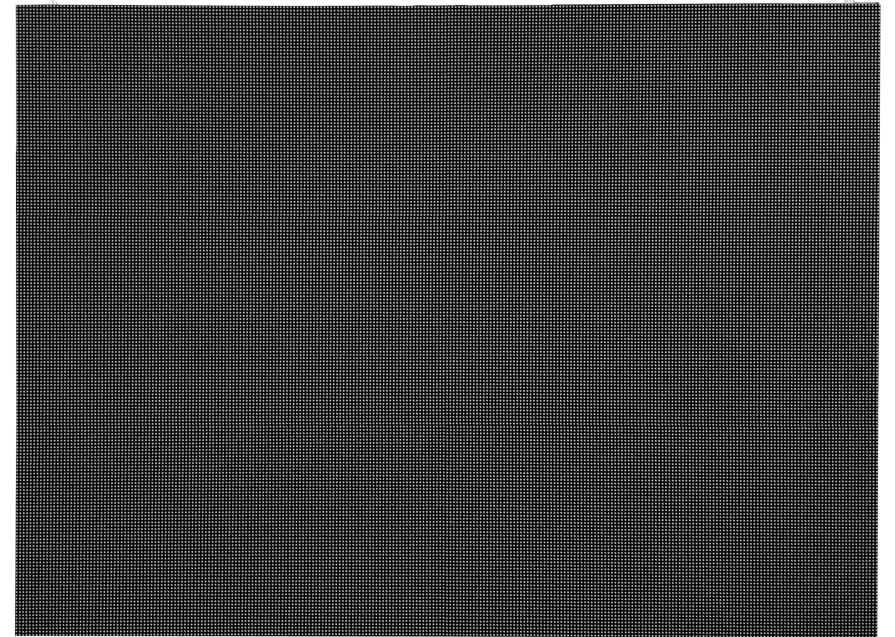- Easy Maintenance
- Die-Casting Aluminum
- Quick Installation
- 1920Hz ~ 3840Hz
- 14bits ~ 24bits

High Refresh 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.

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.

160°

Large Viewing Angle

The surface of the small LED screen looks very flat and neat.160° wide horizontal and vertical viewing support maximum audience engagement in short viewing distance.
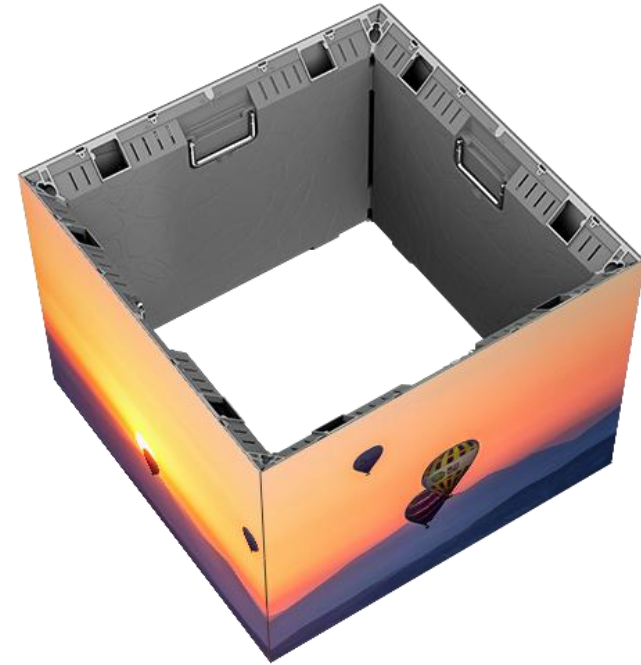
Multiple Functions

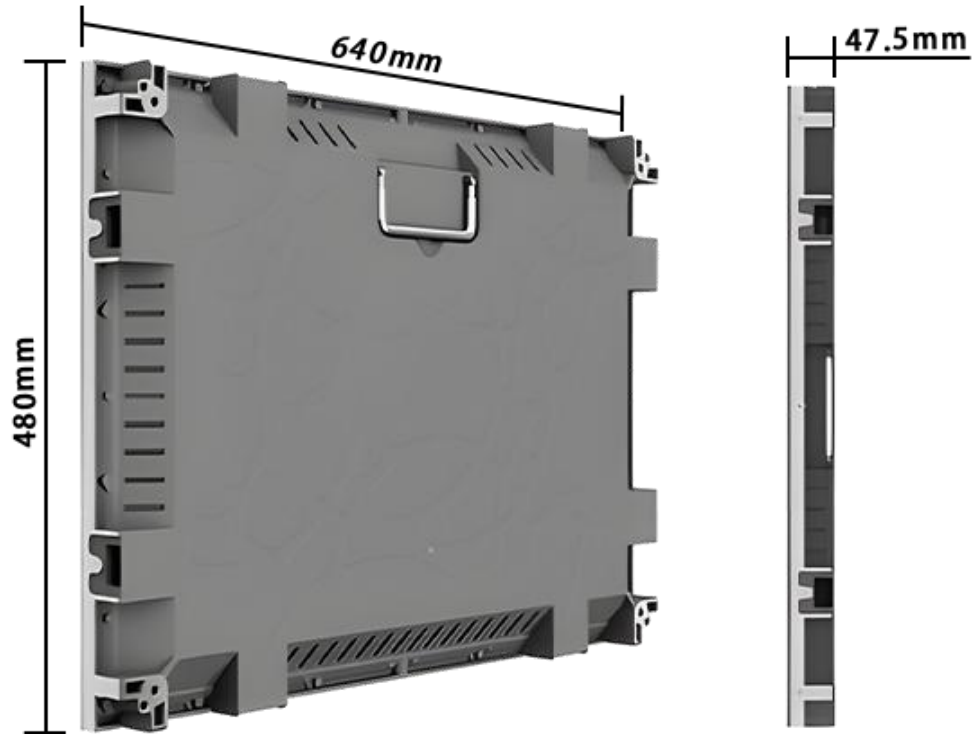Small pitch screen can be used for both fixed and rental indoor installation.
The feedback from the clients for this item is 5 stars because of its reliable performance and high quality images.

PREMTECO
INNOVATIVE VISUAL TECHNOLOGIES

Cost-effective

Indoor LED panel with the slim and unique design and the pixel pitches are P1.2, P1.5, P1.8, P2.0, P2.5 and P3. Meanwhile, our SP2 series LED screens were sold a lot each year, it's favourable and cost effective.

640mm

480mm

47.5mm

Light Weight, Thin Screen

Die-casting aluminum design is used in the cabinet , so each panel weighs only 7.7 kgs, 47.5mm thickness, 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.
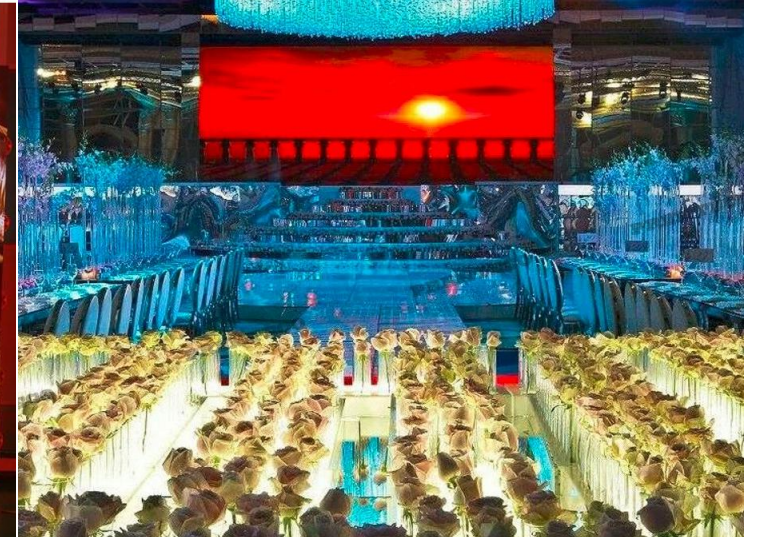
Excellent Visual Effect

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.

![PREMTECO — INNOVATIVE VISUAL TECHNOLOGIES]

Application   Fields

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

PREMTECO

INNOVATIVE VISUAL TECHNOLOGIES

Item	P1.2	P1.5	P1.8
Pixel Pitch	P1.25mm	P1.538mm	1.86mm
LED Type	SMD1010	SMD1010	SMD1515
Module Resolution	256dotsx 128dots	208dotsx 104dots	172dots × 86dots
Driving Mode	1/64scan	1/52scan	1/43scan
Module Pixels	32,768dots	34,112dots	14,792dots
Module Size	320mm × 160mm	320mm × 160mm	320mm × 160mm
Cabinet Size	640mm × 480mm	640mm × 480mm	640mm × 480mm
Cabinet Resolution	512dots x 384dots	416dots x 312dots	344dots ×258dots
Pixel Density	640,000dots/㎡	422,500dots/㎡	288,906 dots/㎡
Minimum Viewing Distance	≥1.2m	≥1.5m	≥1.8m
Brightness	800nits～1,000nits	800nits～1,000nits	800nits～1,000nits
IP Grade	IP43	IP43	IP43
Refresh Rate	1,920Hz～3,840Hz	1,920Hz～3,840Hz	1,920Hz～3,840Hz
Gray Scale	14bits～24bits	14bits～24bits	14bits～24bits
Viewing Angle	H:160° / V:140°	H:160° / V:140°	H:160° / V:140°
Maximum Power Consumption	450W/㎡	450W/㎡	450W/㎡
Average Power Consumption	150W/㎡	150W/㎡	150W/㎡
Input Voltage	AC110V～AC220V @ 50Hz / 60Hz	AC110V～AC220V @ 50Hz / 60Hz	AC110V～AC220V @ 50Hz / 60Hz
Operating Temperature	−20℃～60℃	−20℃～60℃	−20℃～60℃
Operating Humidity	10%～90%	10%～90%	10%～90%
Cabinet Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Cabinet Weight	7.7kg/panel	7.7kg/panel	7.7kg/panel
Operating System	Windows (Win7, Win8, etc.)	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.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.

PREMTECO
INNOVATIVE VISUAL TECHNOLOGIES

Item	P2.0	P2.5	P3
Pixel Pitch	2.0mm	2.5mm	3.07mm
LED Type	SMD1515	SMD2020	SMD2020
Module Resolution	160dots × 80dots	128dots × 64dots	104dots × 52dots
Driving Mode	1/40scan	1/32scan	1/26scan
Module Pixels	12,800dots	8,192dots	5,408dots
Module Size	320mm × 160mm	320mm × 160mm	320mm × 160mm
Cabinet Size	640mm × 480mm	640mm × 480mm	640mm × 480mm
Cabinet Resolution	320dots × 240dots	256dots × 192dots	208dots × 156dots
Pixel Density	250,000dots/㎡	160,000dots/㎡	32,448dots/㎡
Minimum Viewing Distance	≥2.0m	≥2.5 m	≥3 m
Brightness	800nits～1,000nits	800nits～1,000nits	800nits～1,000nits
IP Grade	IP43	IP43	IP43
Refresh Rate	1,920Hz～3,840Hz	1,920Hz～3,840Hz	1,920Hz～3,840Hz
Gray Scale	14bits～24bits	14bits～24bits	14bits～24bits
Viewing Angle	H:160° / V:140°	H:160° / V:140°	H:160° / V:140°
Maximum Power Consumption	450W/㎡	540W/㎡	540W/㎡
Average Power Consumption	150W/㎡	180W/㎡	180W/㎡
Input Voltage	AC110V～AC220V @ 50Hz / 60Hz	AC110V～AC220V @ 50Hz / 60Hz	AC110V～AC220V @ 50Hz / 60Hz
Operating Temperature	−20℃～60℃	−20℃～60℃	−20℃～60℃
Operating Humidity	10%～90%	10%～90%	10%～90%
Cabinet Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Cabinet Weight	7.7kg/panel	7.7kg/panel	7.7kg/panel
Operating System	Windows (Win7, Win8, etc.)	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.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.