PREMTECO
INNOVATIVE VISUAL TECHNOLOGIES

SP1 Pro Series

Ultra-thin and small pitch LED screen

- Utral-thin cabinet
- Seamless connection
- More Creativity
- IP43
- High Quality Material
- High Quality PCB
- Excel flatness
- Stunning Vision

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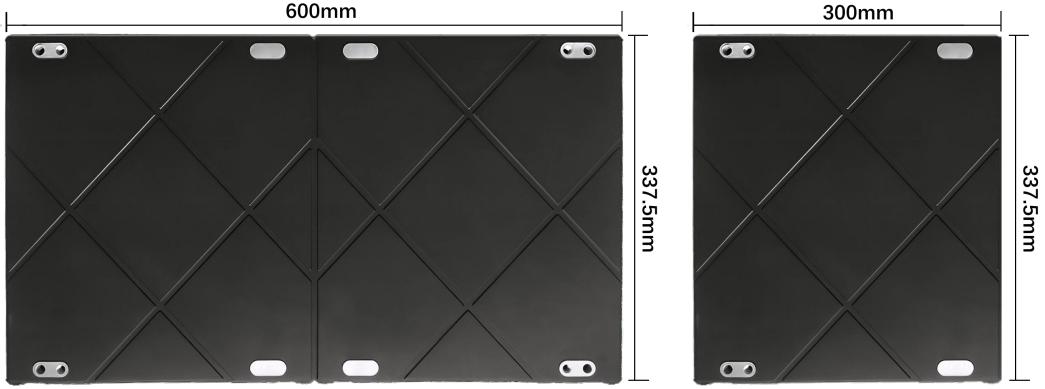
Light and thin Cabinet

- Thickness: 32mm; Weightness: 4.5kg/panel
  Compared with the same type of products on the market, the box is 40% lighter in weight, easy to install, saving transportation and installation costs.



Freewill splicing

- 600x337.5mm cabinet; 300x337.5mm cabinet
  Two cabinet sizes can be perfectly matched with each other.

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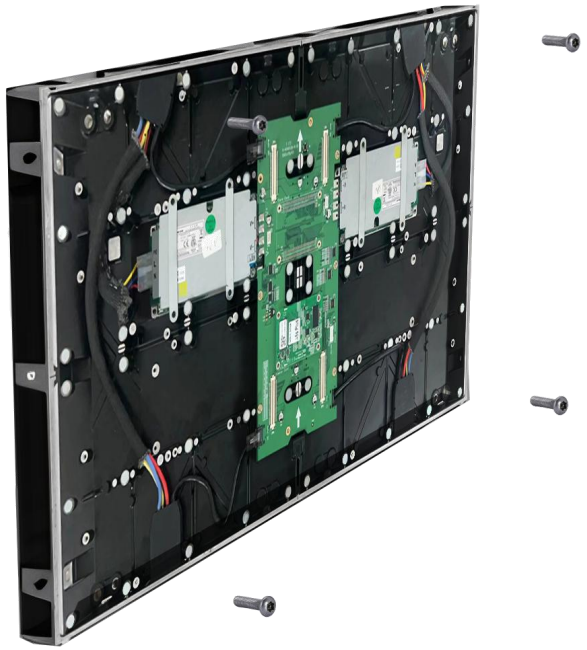
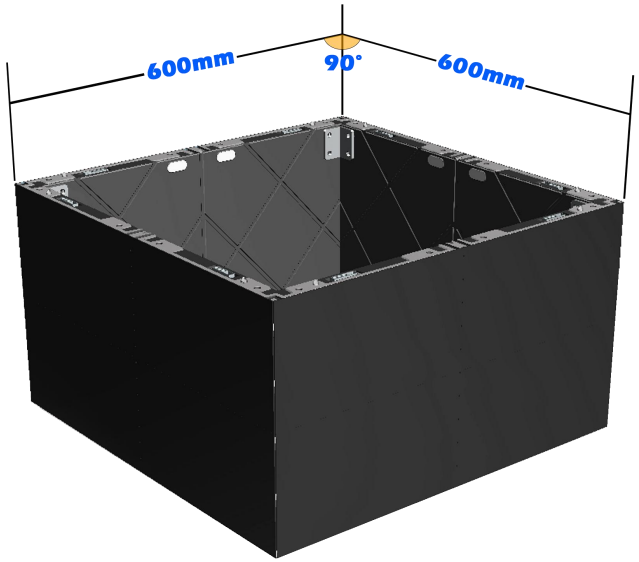
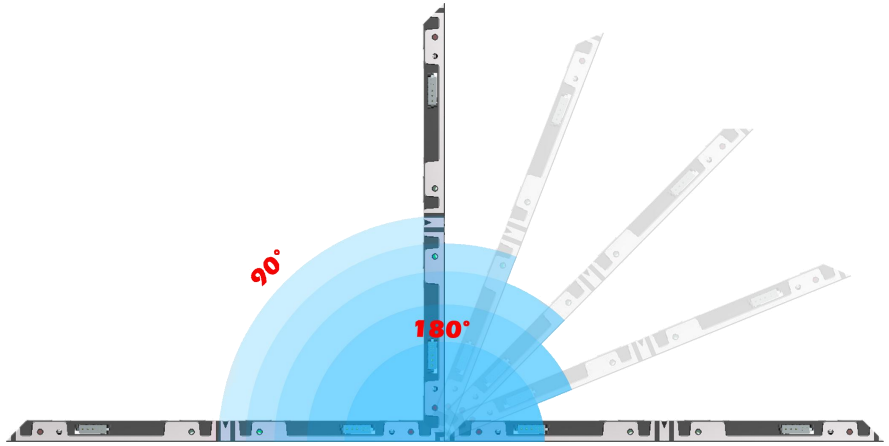
Flexible installation: it can apply to any place



- Type 1: wall-mounted screen
  It supports direct wall-mounted installation and double-side screen



- Type 2: Column screen
  the smallest size is 600x600mm



- Type 3: Curved screen
  the range of curve is 90°-180°

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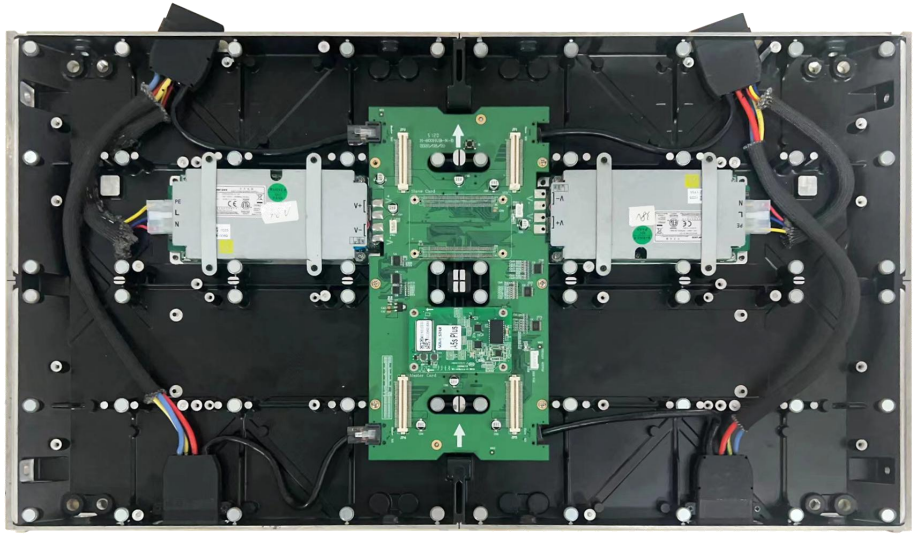
Fully front access

- Such maintenance way can better protect the product against dust and lower damage to electronic components and PCB boards;



Power and Signal redundancy

- We have reasonale space to support two power supply and two receiving cards.This design ensures the operation of cabinets, since when there is something wrong with one of the power supplies or receiving cards, the other one will take charge in the operation.

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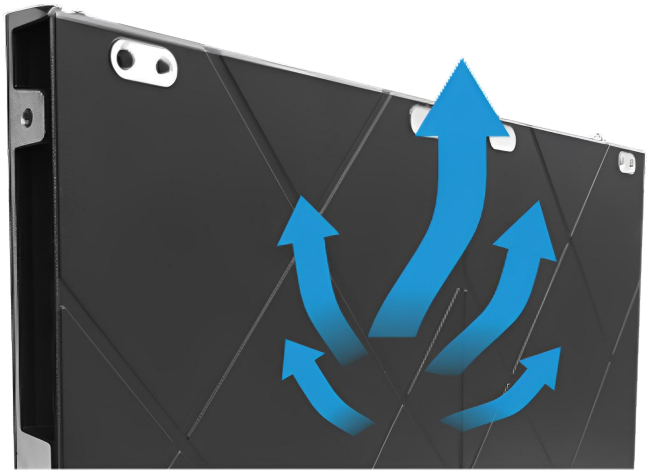
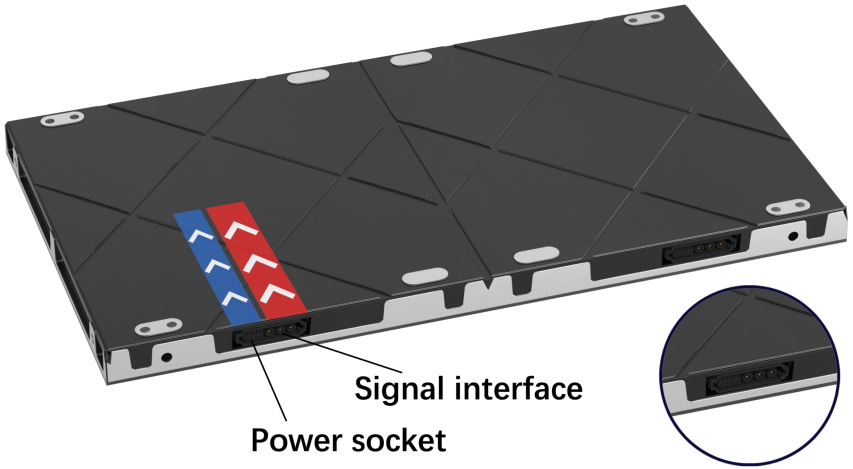
Fanless design

- The aluminum back shell dissipates heat better, no-fan design can reduce resonant noise caused by the fan and the air conditioner.
- It also reduce electricity consumption caused by the extra fan.





“Invisitable” cable

- The power and signal cables are hidden inside the cabinet to avoid accidental damage to the cable and keep the whole screen tidy.
- Integration of connector, data and power supply , it only needs one step to conect the power supply and signal

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16 bits grayscale, 3840Hz refresh rate

- 16-bit grayscale, it brings excel visual effect to the whole screen, every detail can be displayed clearly.
- 3840Hz refresh rate, ensuring each clip is clear and smooth, and restore the best visual experience.

Tighter connection between cabinets

- The cabinets are held together by position pins and two screws with coaxial function for a tighter connection

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All in one conference screen can be realized

Full-process solution: Our SP1 PRO supports LED all-in-one machine, making it not only a screen, but also the center of the conference. Taking into account all aspects of pre-meeting reservations, in-meeting collaboration, and post-meeting settlement in medium and large meetings, this provides a smooth and efficient meeting experience

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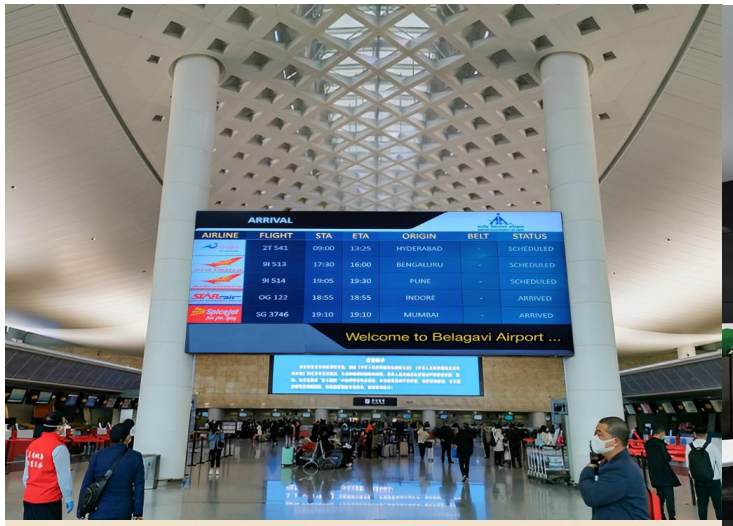
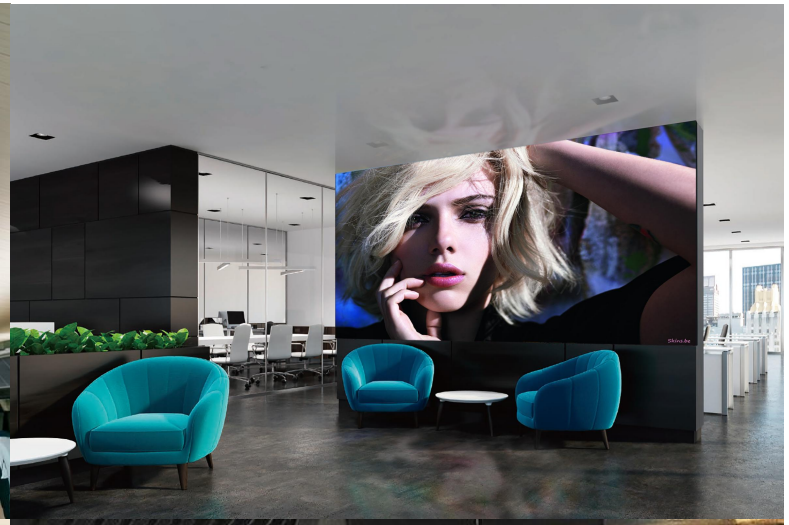
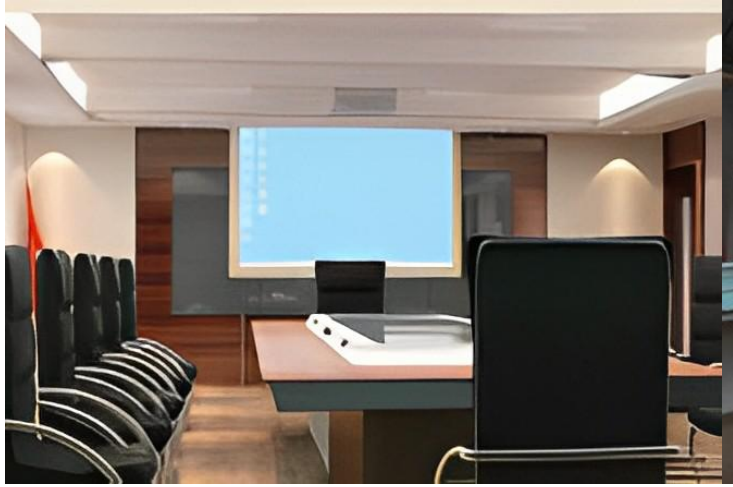
Application Fields

- Conference room
- Exhibition
- Control room
- Airport







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Item	P1.25	P1.56	P1.875
Pixel Pitch	1.25mm	1.56mm	1.875mm
LED Type	SMD1010	SMD1010/SMD1212	SMD1515
Module Resolution	240dotsx135dots	192dotsx 108dots	160dotsx 90dots
Driving Mode	1/60scan	1/64scan	1/54scan
Module Pixels	32,400dots	20,736dots	14,400dots
Module Size	300mm × 168.75mm	300mm × 168.75mm	300mm × 168.75mm
Cabinet Size	600mm × 337.5mm	600mm × 337.5mm	600mm × 337.5mm
Cabinet Resolution	480dots x 270dots	384dots x 216dots	320dots x 180dots
Pixel Density	640000dots/㎡	409600dots/㎡	284444dots/㎡
Minimum Viewing Distance	≥1.25m	≥1.56m	≥1.875m
Brightness	400-600nits	400-600nits	400-600nits
IP Grade	IP43	IP43	IP43
Refresh Rate	1,920Hz ~ 3,840Hz	1,920Hz ~ 3,840Hz	1,920Hz ~ 3,840Hz
Gray Scale	13bits ~ 24bits	13bits ~ 24bits	13bits ~ 24bits
Viewing Angle	H:165°-170° / V:165°-170°	H:165°-170° / V:165°-170°	H:165°-170° / V:165°-170°
Maximum Power Consumption	590W/㎡	450W/㎡	450W/㎡
Average Power Consumption	177W/㎡	135W/㎡	135W/㎡
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	4.5kg/panel	4.5kg/panel	4.5kg/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.