SP1 PRO Series

Extremely thin 4k LED Display

HD 4K Resolution	👌 The world's thinnest cabinet	$ Cost-effective	↻ 1920Hz ~ 3840Hz
▦ 14bits ~ 24bits	🔗 Seamless Connection	⚙ Easy Maintenance	🖥 16:9 Aspect Ratio

High Resolution

High resolution is a key point in LED display performance, the higher pixels, the higher definition, the closer distance you can see the screen from without pixelation.

The pixel pitches of our SP1 PRO series are P0.9, P1.2, P1.5, P1.8 and P2.5. It is a perfect item for the traffic control room, meeting room, TV studio, exhibition center, etc.

The World's Thinnest Cabinet Design

The thickness of our SP1 PRO series is only 31mm including the module, which is definitely the thinnest cabinet in the world. It is very convenient for installation, transportation, and the cabinet looks nobler.

Cost- effective

Our SP1 PRO use customized LED, PCB, Hub card and other high quality components, so it is really reliable and has perfect performance. What's more, the price is lower than other suppliers' fine pitch LED display products on the market.

High Refresh Rate

The refresh rate of the SP1 PRO LED screen can be 2880HZ - 3840Hz. So it has no flickering on the camera, there will be no tailing and ghosting. The performance of this led screen is extraordinary and stable.
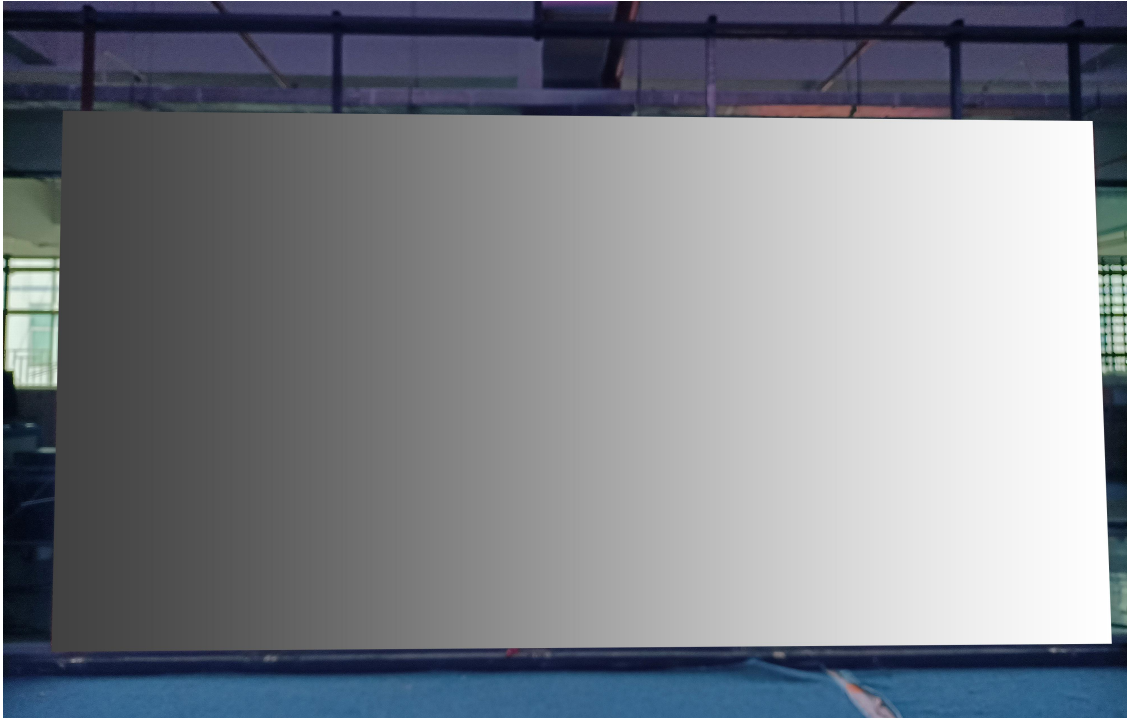
High Grayscale and Excellent White Balance

Our LED screens use high-quality material. The excellent grayscale is 14bits-24bits. Meanwhile, the white balance is extremely pure.

The dark part of the color will still be clearly displayed, the color gradation of the screen is very smooth, the overall color display effect is more clear and vivid. The low gray state can not achieve this display effect.

Seamless Connection

The precise die-casting aluminum cabinet with internal lockers make the screen bezel-free and gapless. Signal cables and power cables are inside of the cabinets and its no external cable design brings more stability. And the screen looks very neat.

Front Access & Easy to Install and maintain

The cabinet uses fully front access design. The power supply, receiving card, cables, and other components all can be removed from front after removing modules. It is more convenient for us to finish the installation and maintenance.

Golden Aspect Ratio Cabinet Size

The cabinet aspect ratio is 16:9. We can also make various screen resolutions with 16:9 aspect ratio, such as 720P, 2K, 4K, or other resolutions.
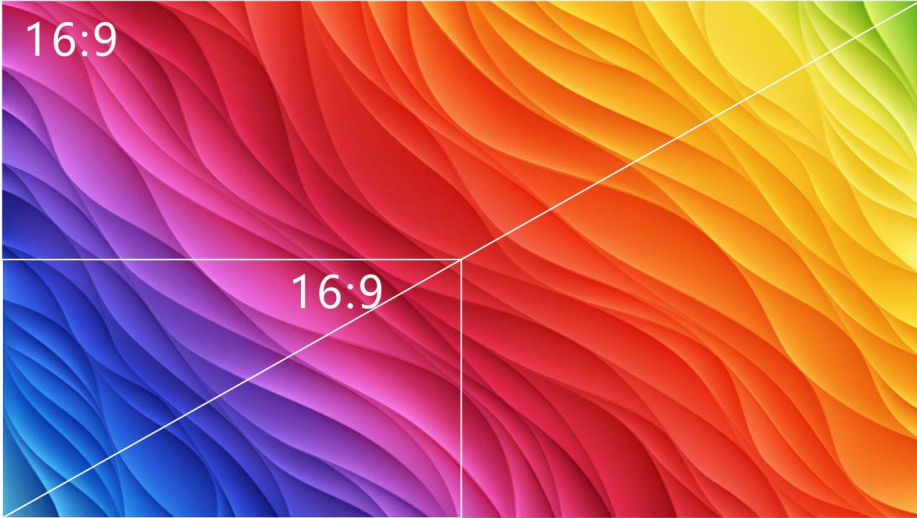
Large Viewing Angle

The high-precision die-casting cabinet makes the flatness of the screen great, thus the viewing angle can be up to 160°. And the screen is seamless.

High Color Contrast Ratio and Enhancement of Sharpness, Brightness and Color

Our SP1 PRO series has an excellent visual performance because we adopt high-quality black LED. The color contrast ratio is even better than 5,000:1. 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.

Flexible Installation and High Reliability

Our SP1 PRO LED screen is able to be done with the flexible installation with a curved shape or 90 degrees.The screen is designed for 24x7 operation. With its great visual performance, it catches lots of attention since its launch.

Application Fields

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

SP1 Pro Parameters

Item	P0.9	P1.2	P1.5	P1.8	P2.5
Pixel Pitch	0.9375mm	1.25mm	1.5625mm	1.875mm	2.500mm
LED Type	MINI LED	SMD1010	SMD1010	SMD1515	SMD2020
Module Resolution	320dots × 180dots	240dots × 135dots	192dots × 108dots	160dots × 90dots	120dots × 68dots
Driving Mode	1/60scan	1/45scan	1/36scan	1/32scan	1/32scan
Module Pixels	57,600dots	32,400dots	20,736dots	14,400dots	8160dots
Module Size	300mm × 168.75mm	300mm × 168.75mm	300mm × 168.75mm	300mm × 168.75mm	300mm × 168.75mm
Cabinet Size	600mm × 337.5mm × 31mm	600mm × 337.5mm × 31mm	600mm × 337.5mm × 31mm	600mm × 337.5mm × 31mm	600mm × 337.5mm × 31mm
Cabinet Resolution	640dots × 360dots	480dots × 270dots	384dots × 216dots	320dots × 180dots	240dots × 135dots
Pixel Density	1137,777dots/㎡	640,000dots/㎡	409,600dots/㎡	284,444dots/㎡	160000dots/㎡
Minimum Viewing Distance	≥0.9m	≥1.2 m	≥1.5 m	≥1.8 m	≥2.5 m
Brightness	800nits～1,200nits	800nits～1,200nits	800nits～1,200nits	800nits～1,200nits	800nits～1,200nits
IP Grade	IP43	IP43	IP43	IP43	IP43
Refresh Rate	1,920Hz～3,840Hz	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	14bits～24bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	350W/㎡	350W/㎡	350W/㎡	350W/㎡	350W/㎡
Average Power Consumption	100W/㎡	100W/㎡	100W/㎡	100W/㎡	100W/㎡
Input Voltage	AC110V～AC220V @ 50Hz / 60Hz	AC110V～AC220V @ 50Hz / 60Hz	AC110V～AC220V @ 50Hz / 60Hz	AC110V～AC220V @ 50Hz / 60Hz	AC110V～AC220V @ 50Hz / 60Hz
Operating Temperature	−20℃～65℃	−20℃～65℃	−20℃～65℃	−20℃～65℃	−20℃～65℃
Operating Humidity	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-casting Aluminum
Cabinet Weight	3.8kg/panel	3.8kg/panel	3.8kg/panel	3.8kg/panel	3.8kg/panel
Operating System	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	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.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.