

SP1 Series

Narrow Pitch 4K LED Display-P1.2, P1.5, P1.9



Cost-Effective



Light Weight



Thin Screen



Easy Maintenance



Die-Casting Aluminum



Quick Installation



1920Hz ~ 3840Hz



14bits ~ 26bits

More Cost-Effective and Reliable

SP1 series is the most classic design and once it is put on the market the screen has captured great attention. The product is hot-selling not only because of its cost-effectiveness but also its reliable performance.





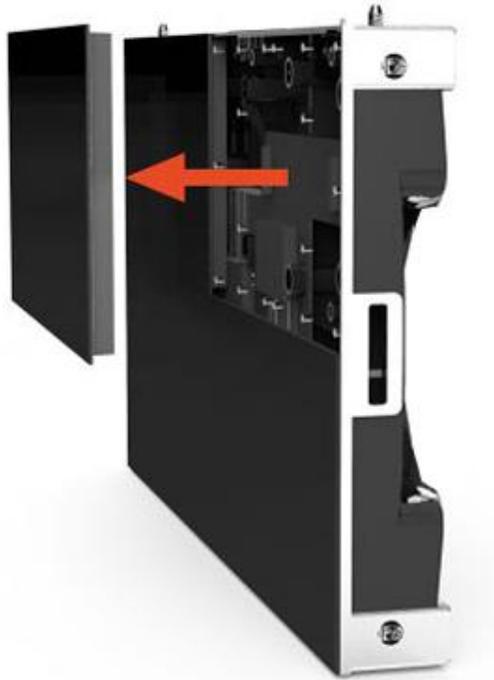
Ultra Light Weight, Thin Screen

Die-casting aluminum design is used in the cabinet and the thickness of cabinet including modules is only 59mm, so each panel weighs only 6.5kgs, 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.

Quick Installation

Internal lockers are designed to make joint cabinets combine together quickly and tightly. Internal power cable connectors bring quick cable connections.



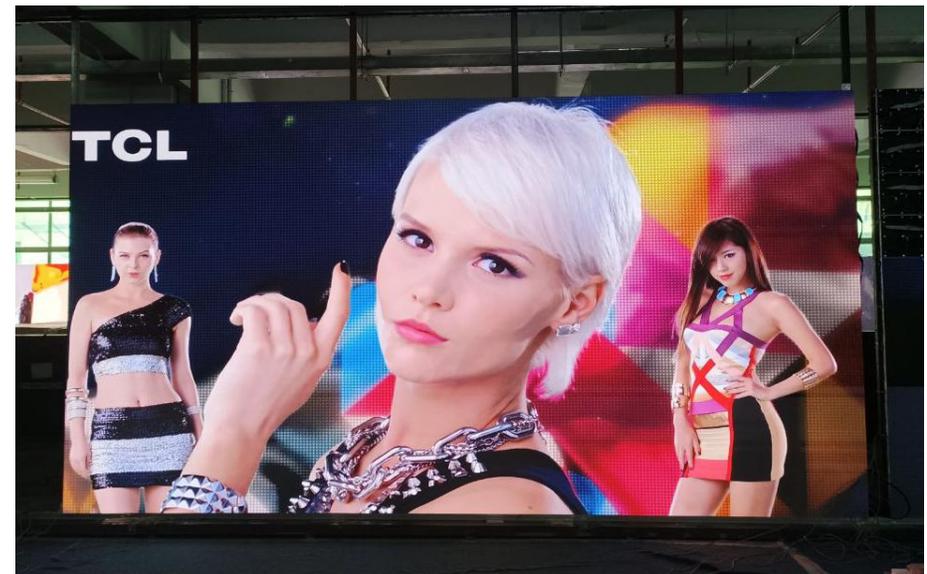
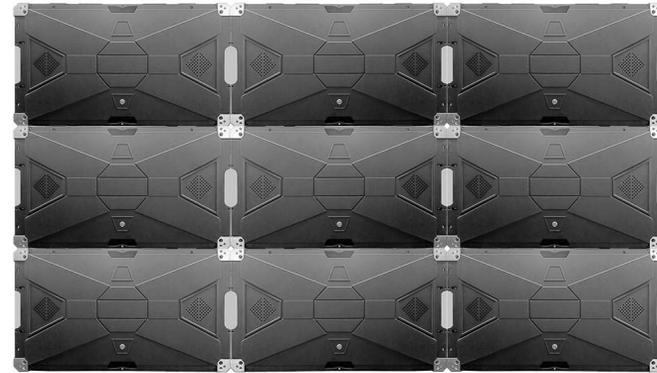


Easy Maintenance

The cabinet can be accessed from the front side for maintenance and installation. All receiving cards, power supplies, and other components can be serviced from the front side.

Seamless Connection

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 no external cables design brings more stability.



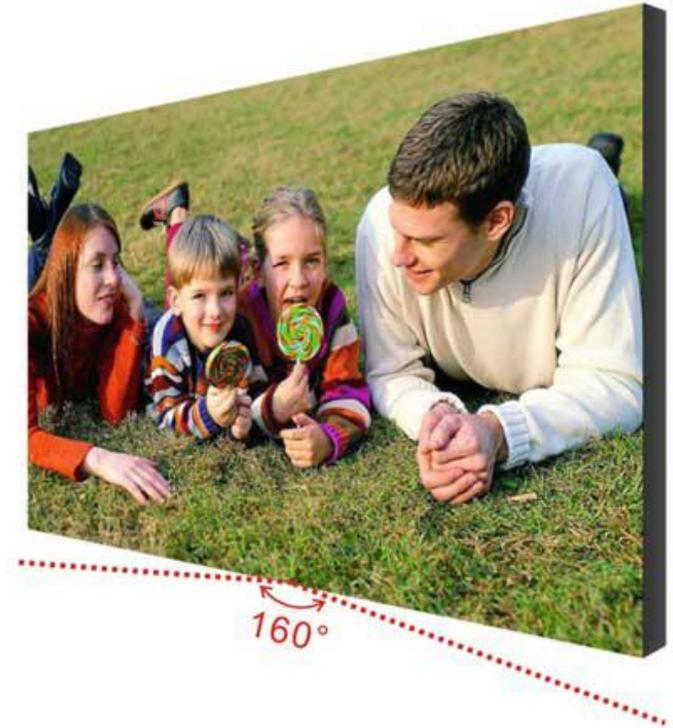


Multiple Functions

The screen can be installed on movable structure and it can be used for meeting rooms, exhibitions, etc.

Large Viewing Angle

The surface of the screen looks very flat and neat because of the precision of cabinets, and thus the viewing angle can be up to 160°



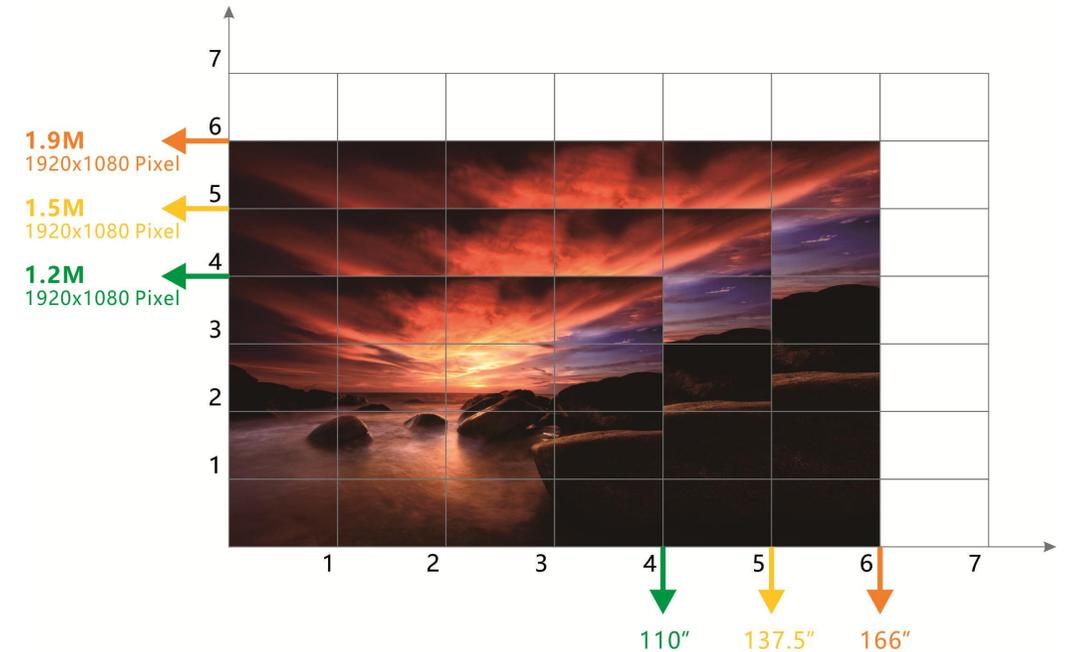


High Color Contrast Ratio and Enhancement of Sharpness, Brightness and Color

Our SP1 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.

Golden Aspect Ratio (16 : 9)

When we build a screen with 2k, 4k, 8k or some other resolutions, we can still have a 16:9 screen aspect ratio.





Advanced Visual Performance

To display the perfect image is not easy, but we persist in producing the high - quality image on the screen. After thousands of tests and improvements, the screen has reached the ideal value of each visual performance.

Ultimate Refresh Rate

The refresh rate of SP1 LED display is up to 3,840Hz.

Best Gray Scale

The refresh rate of SP1 LED display is up to 24bits.

Application Fields

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



SP1 Parameters

Item	P1.2	P1.5	P1.7	P1.9	P2.5
Pixel Pitch	1.27mm	1.58mm	1.793mm	1.905mm	2.54mm
LED Type	SMD1010	SMD1010	SMD1010	SMD1515	SMD2020
Module Resolution	120dots × 270dots	96dots × 216dots	85dots × 192dots	80dots × 180dots	60dots × 135dots
Driving Mode	1/45scan	1/27scan	1/32scan	1/30scan	1/32scan
Module Pixels	32,400dots	20,736dots	16,320dots	14,400dots	8,100dots
Module Size	152.43mm × 343.08mm				
Cabinet Size	609.72mm × 343.08mm				
Cabinet Resolution	480dots × 270dots	384dots × 216dots	340dots × 192dots	320dots × 180dots	240dots × 135dots
Pixel Density	619,757.21dots/m ²	400,576dots/m ²	312,100dots/m ²	275,556dots/m ²	155,000dots/m ²
Minimum Viewing Distance	≥1.2m	≥1.5m	≥1.7m	≥1.9 m	≥2.5 m
Brightness	800nits~1,200nits	800nits~1,200nits	800nits~1,200nits	800nits~1,200nits	800nits~1,200nits
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
Grey Scale	13bits~16bits	13bits~16bits	13bits~16bits	13bits~16bits	13bits~16bits
Viewing Angle	H:160° / V:160°				
Maximum Power Consumption	350W/m ²				
Average Power Consumption	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	-20°C~65°C
Operating Humidity	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
Cabinet Material	Die-casting Aluminum				
Cabinet Weight	6.5kg/panel	6.5kg/panel	6.5kg/panel	6.5kg/panel	6.5kg/panel
Operating System	Windows (Win7, Win8, etc.)				
Signal Source Compatibility	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.				