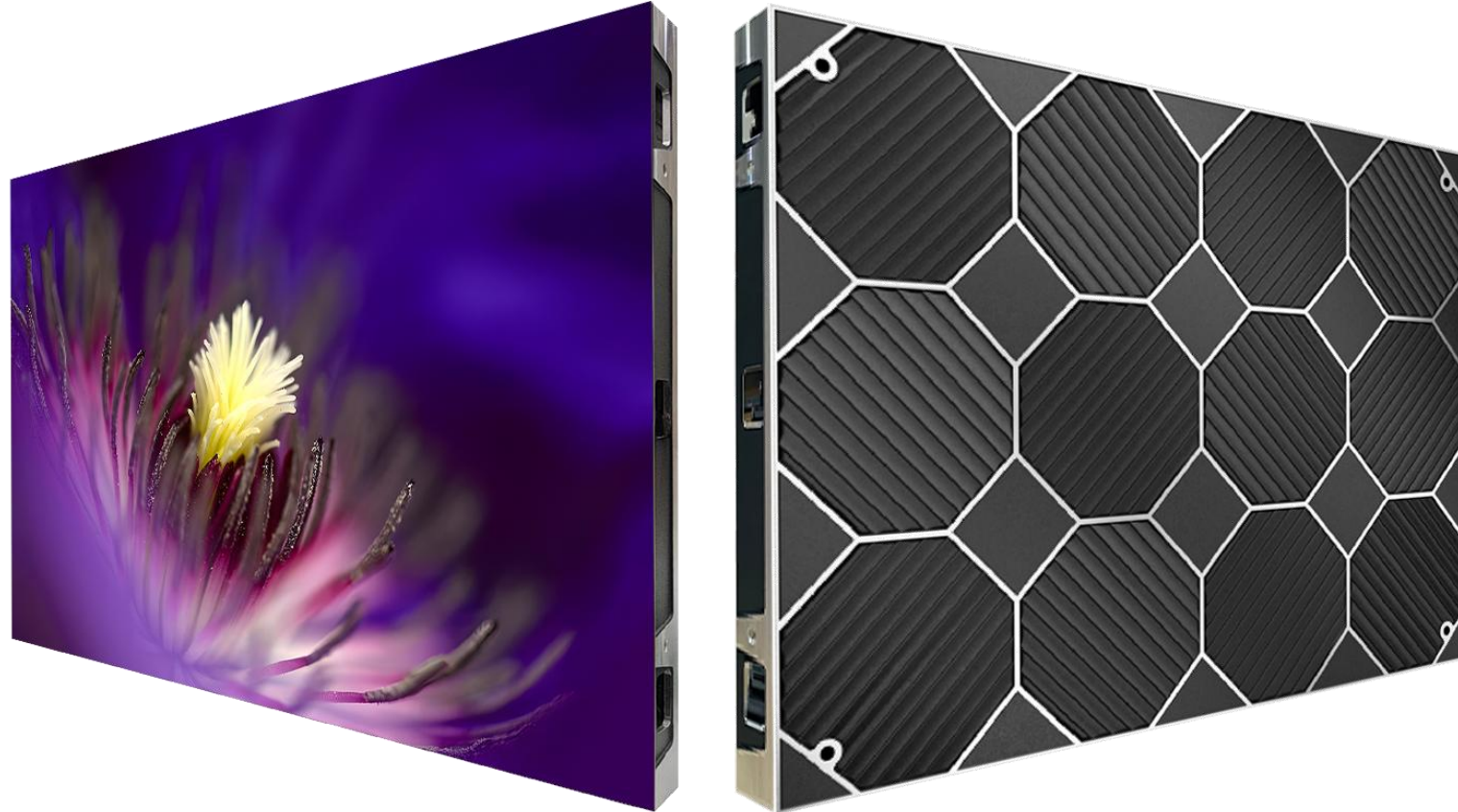


SP3 PRO Series

Indoor Fine Pitch LED Display-P1.2, P1.5, P1.8, P2.0, P2.5, P3



Energy Saving



Front Access



Ultra Slim Design



Hard Pin Connection



Die-Casting Aluminum



Quick Installation



7680Hz



22bits+ Grayscale

Thin And Lightweight Design

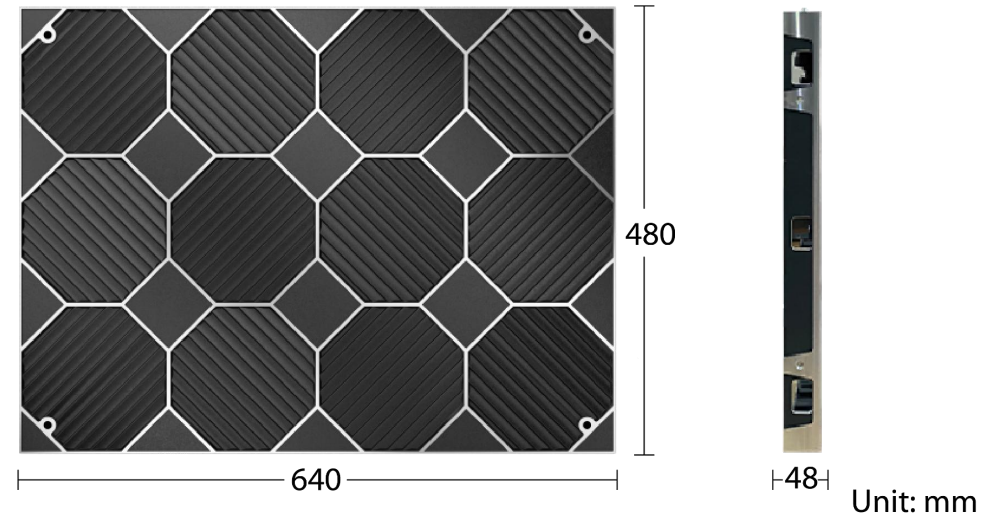
The die-casting aluminum cabinet is designed to weigh 6.5 kgs/panel, providing greater convenience during installation and transportation. Additionally, it can alleviate architectural pressure and reduce the risk of collapse.

Cabinet size: 640mm x 480mm

Thickness: 48mm

Weight per panel: 6.5 kgs

Available pixel pitches: P1.2, P1.5, P1.8, P2.5





Front Access Service

With front access service, the front part of the LED screen can be easily removed, enabling quick and convenient maintenance or replacement of components.

Stunning Visual Effects

The grayscale of the SP3 PRO achieves an impressive 22bit+ and the refresh rate reaches 7680Hz. Whether observed with the naked eye or captured on camera, the video effect it produces is unparalleled in quality.



More Reliable

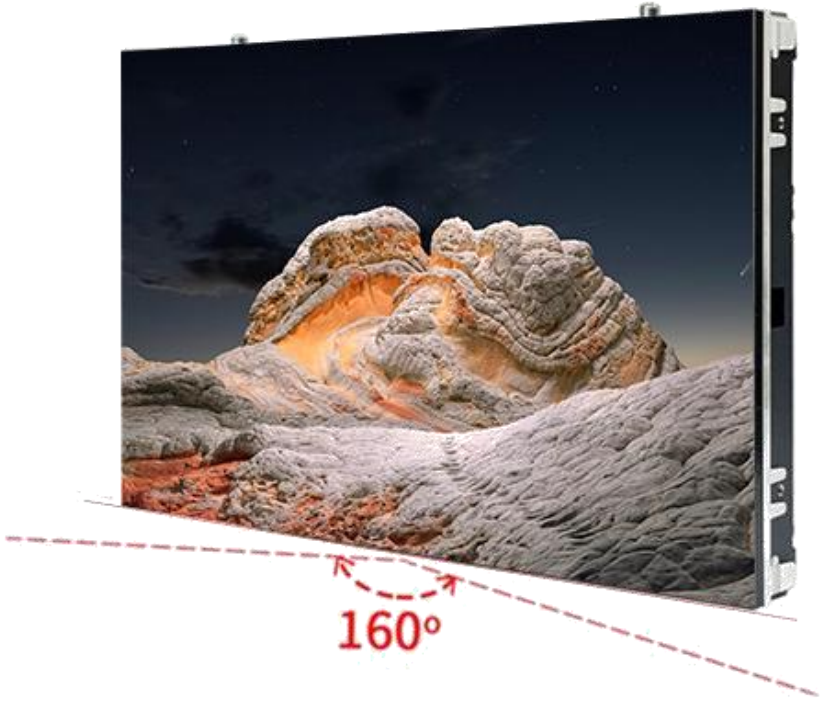
Our SP3 PRO series module utilizes a wireless connection (hard pin connection) as opposed to the traditional soft ribbon cable connection. This newer technology provides increased stability compared to modules with the conventional cable connection.



Power and signal redundancy

By utilizing its upgraded version, we can efficiently allocate space to accommodate two power supplies and two receiving cards. This design ensures the seamless operation of cabinets, as in the event of a malfunction with one of the power supplies or receiving cards, the other will seamlessly take over operations.





Large Viewing Angle

The LED display offers vertical and horizontal viewing angles of 160°, allowing for a wide viewing range. This means that multiple viewers can comfortably enjoy the display from various angles without needing to adjust their positions, resulting in a more immersive experience.

Application Fields

- Meeting Room
- Exhibition Center
- Shopping Mall
- Airport



Item	P1.2	P1.5	P1.86	P2.5
Pixel Pitch	1.25mm	1.538mm	1.86mm	2.5mm
LED Type	SMD1010	SMD1212	SMD1515	SMD2020
Module Resolution	256dotsx 128dots	208dotsx 104dots	172dotsx 86dots	128dots × 64dots
Driving Mode	1/64scan	1/52scan	1/43scan	1/32scan
Module Pixels	21,632dots	21,632dots	14,792dots	8,192dots
Module Size	320mm × 160mm	320mm × 160mm	320mm × 160mm	320mm × 160mm
Cabinet Size	640mm × 480mm	640mm × 480mm	640mm × 480mm	640mm × 480mm
Cabinet Resolution	512dots x 384dots	416dots x 312dots	344dots x 258dots	256dots × 192dots
Pixel Density	640000dots/m ²	422500dots/m ²	288,906dots/m ²	160,000 dots/m ²
Minimum Viewing Distance	1.25m	1.5m	1.8m	2.5m
Brightness	600-1000nits	600-1000nits	600-1000nits	600-1000nits
IP Grade	IP43	IP43	IP43	IP43
Refresh Rate	3840Hz ~7680Hz	3840Hz ~7680Hz	3840Hz ~7680Hz	3840Hz ~7680Hz
Gray Scale	14bits ~ 22bits	14bits ~ 22bits	14bits ~ 22bits	14bits ~ 22bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	430W/m ²	430W/m ²	430W/m ²	430W/m ²
Average Power Consumption	145W/m ²	145W/m ²	145W/m ²	145W/m ²
Input Voltage	AC110V ~ AC220V @ 50Hz / 60Hz	AC110V ~ AC220V @ 50Hz / 60Hz	AC110V ~ AC220V @ 50Hz / 60Hz	AC110V ~ AC220V @ 50Hz / 60Hz
Operating Temperature	- 20°C ~ 50°C	- 20°C ~ 50°C	- 20°C ~ 50°C	- 20°C ~ 50°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	6.5kg/panel	6.5kg/panel	6.5kg/panel	6.5kg/panel
Operating System	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.