

SS1 Series

Perimeter LED Screen for Stadium-P6.6, P8, P10




 Soft Plastic Mask

 Big Viewing Angle

 Multifunctional

 IP65

 High Quality SMD LED

 1,920Hz ~ 3,840Hz

 13bits ~ 16bits

 6,000nits ~ 10,000nits

Reliable Protection and Flexible Adjustment

The main difference between perimeter led screen and the other series is SS1 series has soft plastic mask to protect the players from injury when they hit the screen in the stadium by accident.

It has a back supporting stand for adjusting the screen to different viewing angle.





HD Performance

Since we use high-quality SMD LED and excellent PCB design, the screen can bring you the HD picture performance indoors or outdoors. The pixel pitches are P6.6, P8 and P10.

High Brightness

Up to 10,000nits

Wide Viewing Angle

Up to 160 degrees

Gray Scale

Up to 16 bits

High Protective Grade IP65

SS1 series adopts high quality conformal coating, so the component is effectively moisture-proof and dust-proof. Therefore, the screen can be used in severe indoor and outdoor environment.





Multifunction For Sports Events

Perimeter led screen can be also used as a scoreboard in the stadium. You can clearly see what is on the screen at various angles.

Seamless Connection

The high-precision die-casting aluminum cabinet is adopted. Compared with the traditional one, perimeter led screen's cabinet is quicker, and it has better splicing effect.





High Refresh Rate, Perfect Live Screen

UEFA Standard Our perimeter LED screen meets the UEFA standard, and we have sold many perimeter screens to different European stadiums.

Large Viewing Angle

The viewing angle of our sports LED display can be up to 160° . High Refresh Rate With the high refresh rate of 3840Hz, the visual effect is excellent when we running the videos or images.

High Brightness

Our perimeter LED screen's brightness is up to 5500nits even higher. The Product Passed All Certifications Our products have been certified by CE (including EMC & LVD), RoHS, ETL, FCC, CB, IECEE, KC, PSE, etc.

Redundant Signal Data and Power Supply

In order to avoid black-out screen during the events, we can provide signal back solution. When one of the signal cables breaks down, the screen is still able to display the live-feed or advertising content. Meanwhile, backup power supply is also feasible. When the power supply gets failed, the screen won't appear black.

Complete Image Solution

Normally the width of the perimeter display is very long and the horizontal resolution is way over the limit of the monitor 3840dots, so the screen will be displayed in several separate windows. We have solution to make the screen to display a complete image even if the pixels more than 30k or even more.





Application Fields

On the basis of its superior performance, unique design, the perimeter led screen can be used indoors and outdoors. It is always used in the stadium as:

- **Perimeter Banner Screen;**
- **Score Board;**
- **Live Feed Video Screen;**

| Sport Stadium SS1 | | | |
|-----------------------------|---|---|---|
| Item | P6.6 | P8 | P10 |
| Pixel Pitch | 6.67mm | 8mm | 10mm |
| LED Type | SMD2727 | SMD3535 | SMD3535 |
| Module Resolution | 32dots × 32dots | 32dots × 16dots / 40dots × 20dots | 32dots × 16dots |
| Driving Mode | 1/6scan | 1/4scan / 1/5scan | 1/2scan |
| Module Pixels | 1,024dots | 512dots / 800dots | 512dots |
| Module Size | 192mm × 192mm | 256mm × 128mm / 320mm × 160mm | 320mm × 160mm |
| Cabinet Size | 1,152mm × 768mm | 1024mm × 768mm / 960mm × 960mm | 960mm × 960mm |
| Cabinet Resolution | 192dots × 128dots | 128dots × 96dots / 120dots × 120dots | 96dots × 96dots |
| Pixel Density | 27,777dots/m ² | 15,625dots/m ² | 10,000dots/m ² |
| Minimum Viewing Distance | ≥6m | ≥8m | ≥10m |
| Brightness | 6,000nits~10,000nits | 5,500nits~7,000nits | 6,000nits~10,000nits |
| IP Grade | IP67 | IP67 | IP67 |
| 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:110° / V:110° | H:110° / V:110° | H:110° / V:110° |
| Maximum Power Consumption | 800W/m ² | 800W/m ² | 800W/m ² |
| Average Power Consumption | 265W/m ² | 265W/m ² | 265W/m ² |
| Input Voltage | AC220V~AC110V @ 50Hz / 60Hz | AC220V~AC110V @ 50Hz / 60Hz | AC220V~AC110V @ 50Hz / 60Hz |
| Operating Temperature | -20℃~65℃ | -20℃~65℃ | -20℃~65℃ |
| Operating Humidity | 10%~90% | 10%~90% | 10%~90% |
| Cabinet Material | Aluminum profile | Aluminum profile | Aluminum profile |
| Cabinet Weight | 30kg/panel | 30kg/panel | 30kg/panel |
| Operating System | Windows (Win7, Win10, etc.) | Windows (Win7, Win10, etc.) | Windows (Win7, Win10, 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. |