SS1 Series

(1152×768mm) (1024×768mm) (960×960mm)

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

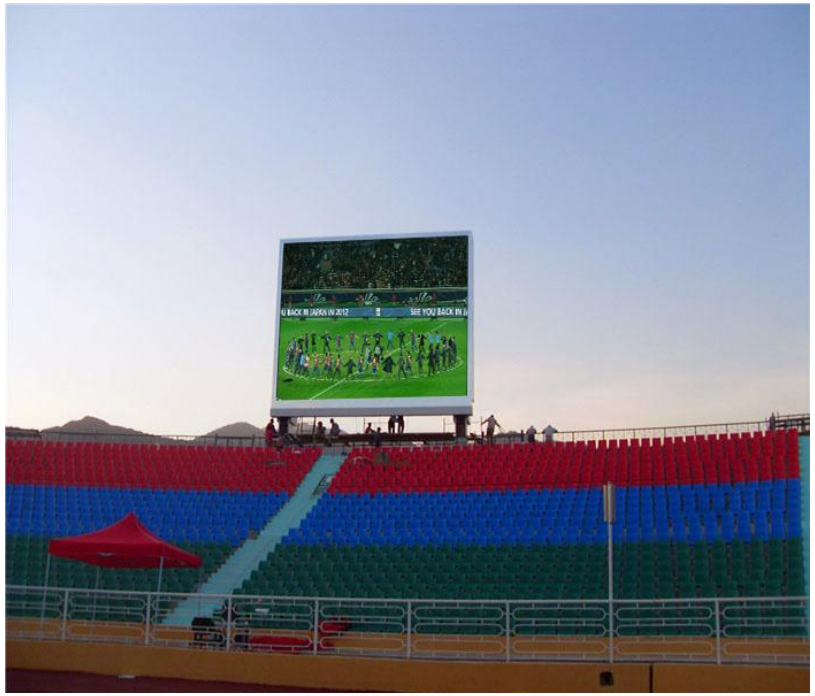
SS1 series adopts high quality conformal coating, so the component is effectively moisture-proof and dust-proof. Therefore, the screen can be used in severe indoor and outdoor environment.

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 StandardOur 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 RateWith 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 CertificationsOur 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/㎡	15,625dots/㎡	10,000dots/㎡
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/㎡	800W/㎡	800W/㎡
Average Power Consumption	265W/㎡	265W/㎡	265W/㎡
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.