



Outdoor LED Display

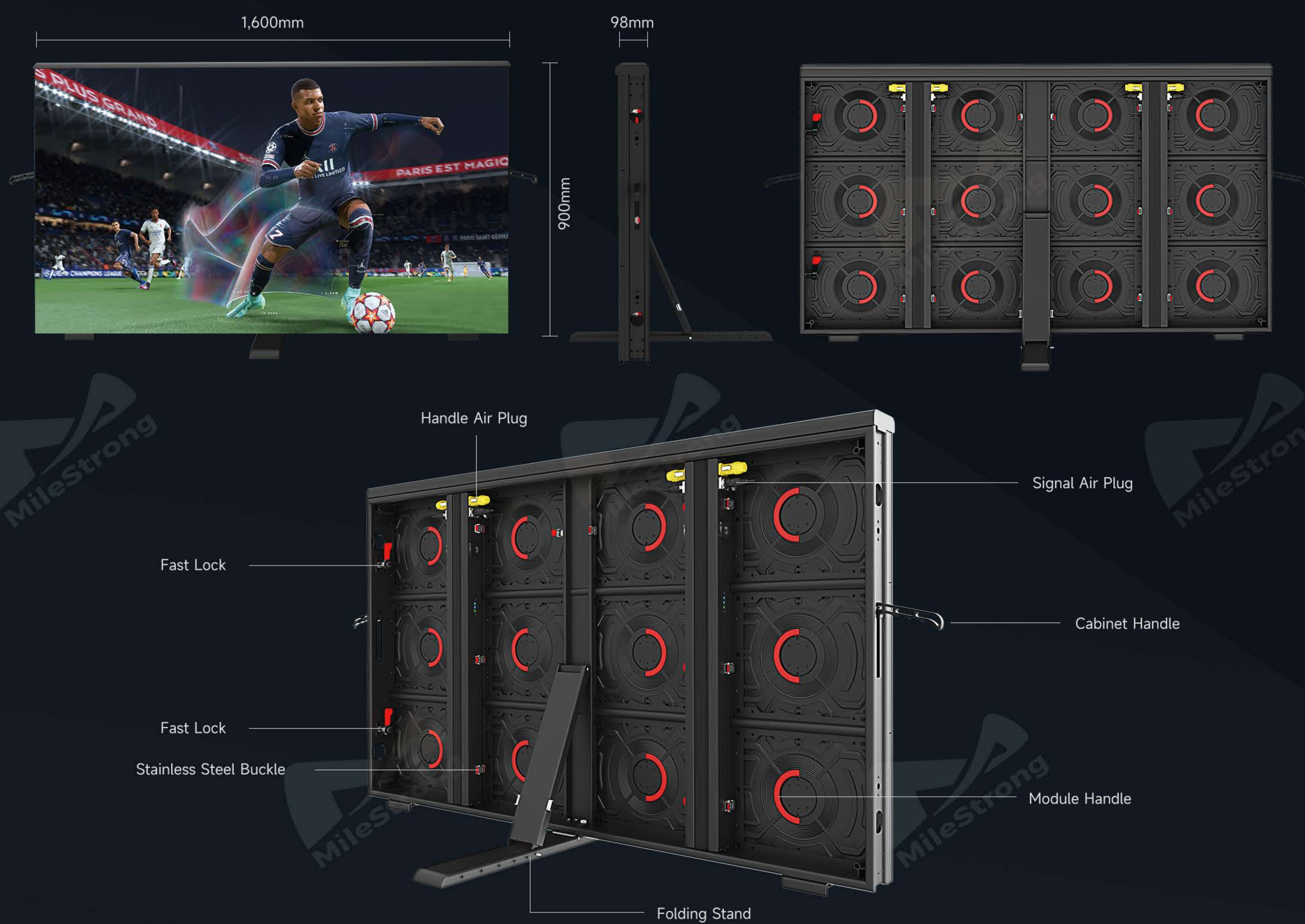
SP Series

Pixel Pitch (mm) : 5 / 6.25 / 8.33 / 10

Cabinet Size (mm) : 1,600*900*98

Lightweight Aluminum Cabinet Design

Featuring a lightweight aluminum profile cabinet, the SP Series reduces transportation and installation costs. The modular structure enables convenient handling, quick installation, and efficient maintenance, making it ideal for large-scale stadium applications.



Soft Mask Protection for Player Safety

Equipped with a soft rubber mask and matte corrugated module design, the SP Series delivers an ultra-high contrast ratio while providing enhanced protection for athletes. The soft surface helps reduce impact risks during sports activities.



Dual Backup System

The dual backup design for power and signal ensures stable operation and improves system reliability. Even in demanding environments, the SP Series provides continuous and secure display performance.



IP65 Waterproof Protection

With IP65 waterproof protection on both the front and rear sides, the SP Series is designed to withstand outdoor conditions and deliver reliable performance in various weather environments.



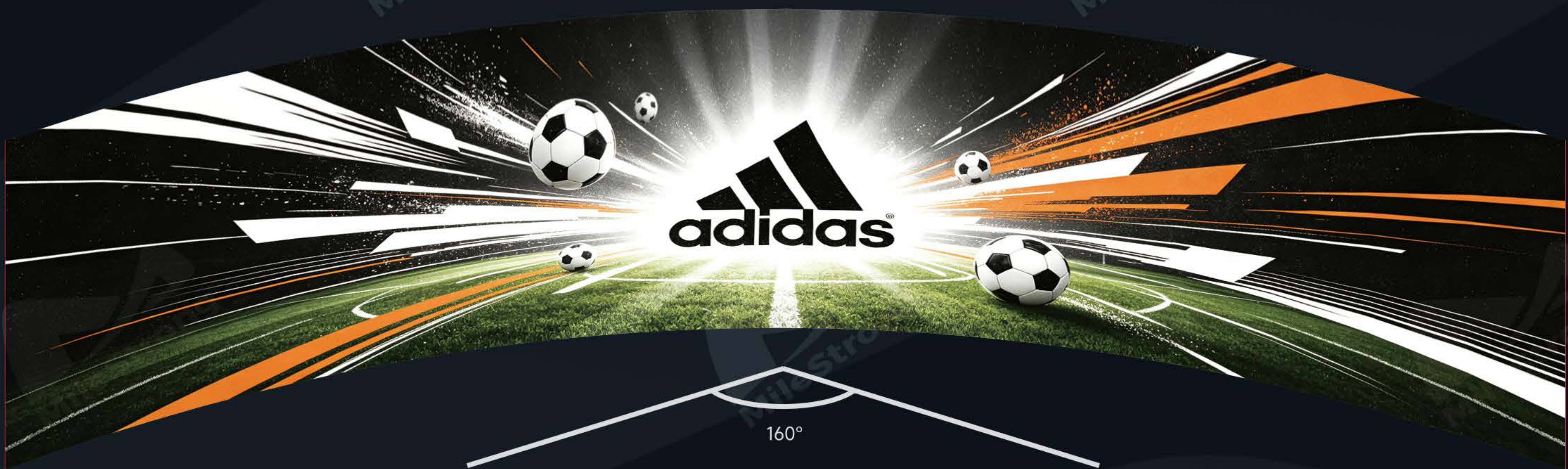
High Brightness Visual Performance

With high brightness, high refresh rate, and high grayscale performance, the SP Series delivers vivid and smooth images even under strong sunlight, ensuring clear visibility throughout outdoor events.



160° Ultra-Wide Viewing Angle

Featuring a 160° ultra-wide viewing angle, the SP Series ensures clear and consistent image quality from different viewing positions, providing an excellent visual experience for audiences.



Adjustable Installation Angle

The support stand allows flexible angle adjustment from 90° to 115° (90°, 95°, 100°, 105°, 110°, and 115°) to meet different viewing requirements. The foldable stand design enables convenient storage and transportation.



Front & Rear Maintenance

Supporting both front and rear maintenance, the SP Series adapts to different installation environments and provides flexible maintenance solutions for efficient operation.



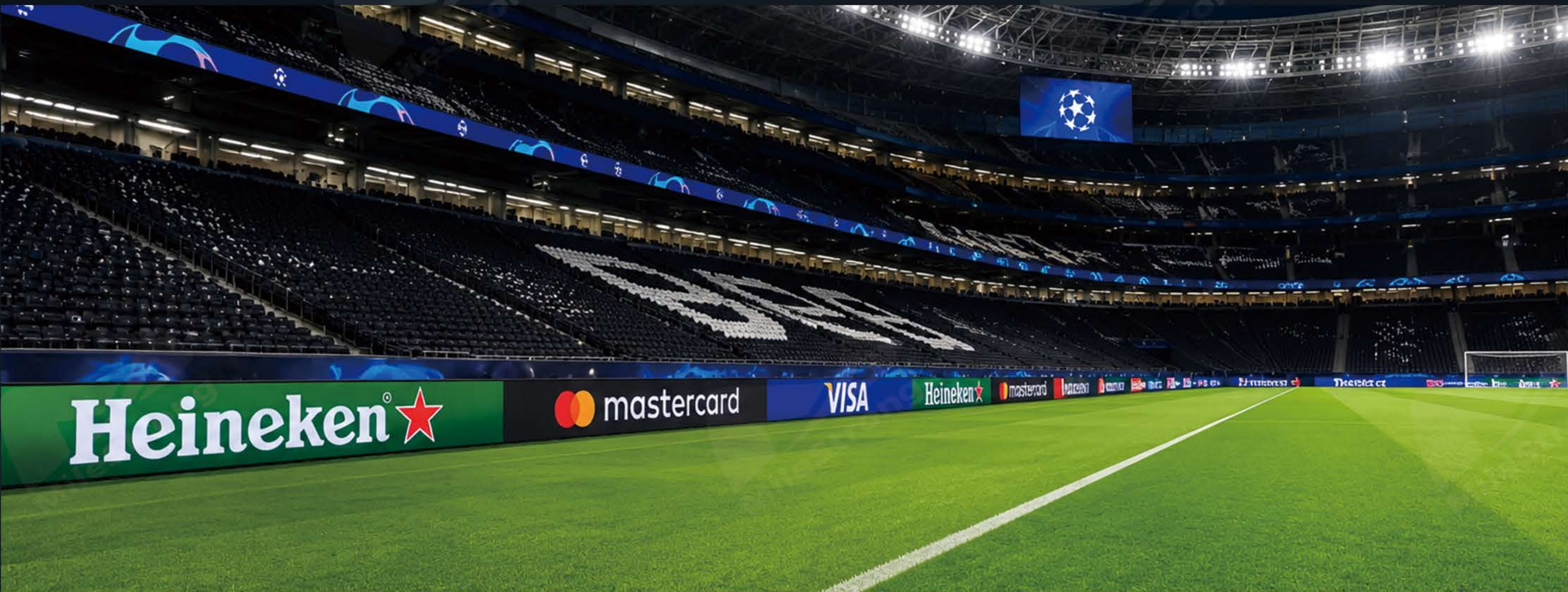
Seamless Splicing & Perfect Flatness

Designed with a precise cabinet structure, the SP Series achieves seamless splicing and excellent flatness, ensuring a smooth and consistent display surface.



Application Scenarios

The SP Series is widely used in football stadiums, basketball courts, sports arenas, outdoor competitions, and other professional sports venues. With excellent durability, safety design, and reliable display performance, it helps create engaging viewing experiences for audiences and supports high-quality event broadcasting.



Parameters

Items	SP5	SP6	SP8	SP10
Pixel Pitch (mm)	5	6.25	8.33	10
LED Type	SMD1921	SMD2727	SMD2727	SMD2727
Pixel Density (pixels/m²)	40,000	25,600	14,400	10,000
Module Resolution (W×H)	80×60	64×48	48×36	40×30
Module Size (W×H)	400×300			
Module Arrangement (W×H)	4×3			
Cabinet Size (mm)	1,600×900×98			
Cabinet Resolution (W×H)	320×180	256×144	192×108	160×90
Cabinet Weight (kg)	35			
Maintenance	Front & Rear			
Brightness (nits)	6000	6,500	6,500	6,500
Color Temperature (K)	8,000-11,000			
Viewing Angle (H/V)	160°/140°			
Contrast Ratio	10,000:1			
Scan Mode	1/6	1/6	1/3	1/2
Grayscale (bit)	14			
Frame Rate (Hz)	50/60			
Refresh Rate (Hz)	3,840			
Peak Power Consumption (W/m²)	800			
Average Power Consumption (W/m²)	200			
Protection Level	IP65			
Input Voltage	AC90V-AC264V, 47-63Hz			
Operating Environment	-20 °C ~ 60 °C, 10% ~ 95% RH			

* The specifications are for reference only. Actual parameters may vary depending on the specific model or contractual agreement.



Bring your ideas into reality

MileStrong Headquarters & Showroom

4/F, Building B15, Phase II, Xincheng Chuangzhi
Industrial Park, No. 456 Heping Road,
Furong District, Changsha, Hunan, China

Shenzhen MileStrong XR/Immersive Display Division

3/F, Building 5, Xinlianhe Industrial Park, Bao'an
District, Shenzhen, Guangdong, China

Shenzhen MileStrong Conventional Display Division

Building 4, Yinjin Technology Industrial Park,
Fengjing South Road, Hewan Community,
Matian Subdistrict, Guangming District, Shen-
zhen, Guangdong, China

Shenzhen MileStrong Transparent Display Division

3/F, Tianyou Building, Yuekang Road, Bao'an
District, Shenzhen, Guangdong, China

Shenzhen Milestrong Technology Co., Ltd.



Website



WhatsApp



WeChat



TikTok



YouTube