

LED Indoor Soft Display

TW-21 SP Series

INTRODUCTION

SP series feature dynamic creativity with any arc shape achievable, high flatness for uniform color accuracy, even stress distribution for sustained reliability, and advanced modular technology ensuring seamless screen performance. Ideal for immersive installations, curved advertisements, and architectural displays.



FEATURES

- High resolution, no image trail
- 140° super large viewing angle
- Quick and flexible installation
- High contrast design
- Excellent maintenance performance
- Low brightness and high gray effect, display grayscale uniformity, good consistency
- Excellent heat dissipation performance
- Various models to choose from
- Silicone soft bottom shell design



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FEATURES INDETAIL

Streamline Operation Efficiency

Optional magnetic tools make it easy to maintain the front-end module, thereby improving maintenance efficiency. This streamlined approach is ideal for quick repairs in high-traffic areas such as shopping malls, transport hubs and public spaces, ensuring minimal downtime and continued performance.



Flexible Display & Creative

The Bending arc is greater than 120°Flexible application, suitable for customized scenarios From research and development to production, the product is constantly updated in technology, and the product is tested for 10,000 times of bending and folding before production.



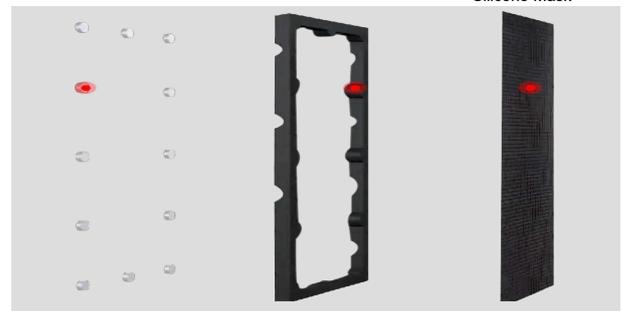
Ultra-Light & Ultra-Thin

Silicone soft bottom shell design, The flexible screen splicing technology uses semiconductors and electric drive luminescence, and the thickness is only about 3 mm, The module is composed of multi-layer organic molecular silicone mask, LED lamp beads, silicone soft bottom shell, magnet and other materials. The thickness of a single module is less than 2cm, and the weight is less than 200

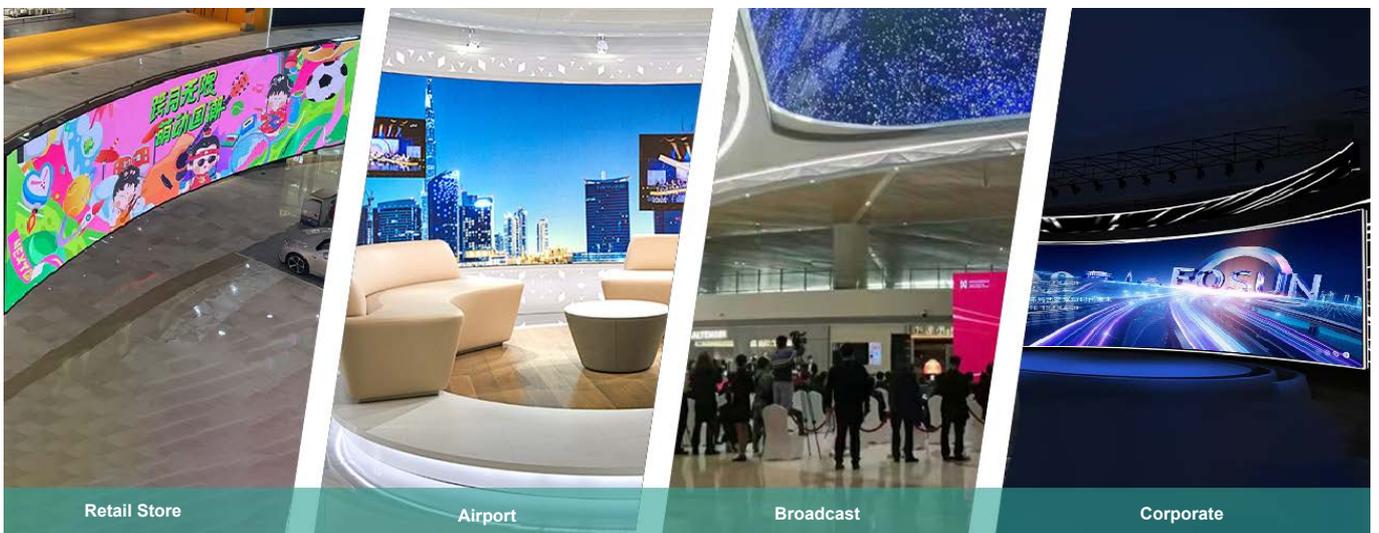
Powerful magnets
(height adjustable)

Silicone soft
bottom shell

LED Lamp Bead
Organic Molecular
Silicone Mask



Application Scenario



Retail Store

Airport

Broadcast

Corporate

SPECIFICATIONS

Name	TW21-SP-P1.2	TW21-SP-P1.5	TW21-SP-P1.8	TW21-SP-P2.0	TW21-SP-P2.5	TW21-SP-P3.0	TW21-SP-P4.0
Pixel Pitch	1.25mm	1.538mm	1.86mm	2mm	2.5mm	3.076mm	4mm
Brightness	600nit(Normal)						
Pixel Density (pixel/sqm)	640000	422500	288906	250000	160000	105625	62500
Module Size	320mm(W)×160mm(H)						
Module Resolution	256(W)×128(H)	208(W)×104(H)	172(W)×86(H)	160(W)×80(H)	128(W)×64(H)	104(W)×52(H)	80(W)×40(H)
Frame Rate	60Hz						
Horizontal Viewing Angle	140°						
Vertical Viewing Angle	120°						
Best View Distance	1.25m~32m	1.5m~32m	1.8m~32m	2m~32m	2.5m~32m	3m~32m	4m~32m
Avg Power Consumption	165W/sqm	325W/sqm					
Max Power Consumption	490w/sqm	650w/sqm					
RefreshRate	3840Hz						
Scanning Method	1/64	1/52	1/43	1/40	1/32	1/26	1/20
Software Manual Adjustment	100 Levels Adjustable						
Lifespan(Max)	100000 Hours						
Contrast	4000:1						
Signal Support	RF、S-Video、RGB、RGBHV、YUV、YC、COMPOSITION						