Main Parameter Specification

Specification for Floor led screen:

ITEM	P2.5-FL	P2.604-FL	P2.976-FL	P3.91-FL
Pixel Pitch (mm)	2.5	2.604	2.976	3.91
LED Configuration	SMD1415	SMD1415	SMD1415	SMD1921
Module Resolution	100 x 100 pixels	96 x 96 pixels	84 x 84 pixels	64 x 64 pixels
Module Dimensions(W x H)(mm)	250 x 250			
Cabinet Resolution	200x200 pixels 200x400 pixels	192x192 pixels 192x384 pixels	168x168 pixels 168x336 pixels	128x128 pixels 128x256 pixels
Cabinet Dimensions(W x H x D)(mm)	500x500x80mm/500 x1,000 x 80mm			
Contrast Ratio	>3,000:1			
Brightness (cd/m²)	900-1800	900-1800	900-1800	900-1800
Max./Avg. Power(W)	400 / 200			
Viewing Angle	160°/160°			
Operating Voltage	100-240V AC 50-60Hz			
Refresh Rate	3840Hz			
IP Rating	Fron-IP54, back-IP43			
Cabinet Weight(Kg)	11KG/22KG			
Cabinet Material	Iron			
Max Load-Bearing	1.5ton/m²			

Specification for Soft Flexible led screen:

ITEM	P1.875-FLEX	P2-FLEX	P2.5-FLEX	P3-FLEX	P4-FLEX	P5-FLEX
Pixel Pitch(mm)	1.875	2	2.5	3	4	5
Physical Density (Pixels/m²)	284444	250000	160000	111111	62500	40000
Pixel specifications	1R1G1B					
LED Encapsulation	SMD1515	SMD1515	SMD2121	SMD2121	SMD2121	SMD2121
Module Size(mm)	L240xH120xT15	L240xH120xT15	L240xH120xT15	L240xH120xT15	L256xH128xT15	L320xH160xT15
Driving mode	1/32s	1/32s	1/32s	1/32s	1/16S	1/16S
Display resolution (dots)	128x64=8192	120x60=7200	96x48=4608	80x40=3200	64x32=2048	64x32=2048
Brightness(cd/nf)	>700	>700	>1100	>1100	>1100	>800
Optimum Viewing Angle	H:160° V:140°					
Refresh Frequency (Hz)	>1920-3840	>1920-3840	>1920-3840	>1920-3840	>1920-3840	>960-3840
Frame Frequency (Hz)	60	60	60	60	60	60
Max. Power Consumption(w/m²)	<550	<550	<600	<550	<550	<550
Scale (bit)	16					
Operating Temperature/Humidity(°C/RH)	-20°C to+50°C/ 20% to 90%					

Shenzhen ATOP Led Opto Electronic Co., Limited

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Website: www.atop-led.com

Indoor Floor Led Screen

ATOP-FL Series

- 1000x500mm/500x500mm iron cabinet
- Equipped with high strength acrylic board on the surface
- Seamlessly connect, height can also be adjusted.
- Super load-bearing
- Build-in Interactive IC



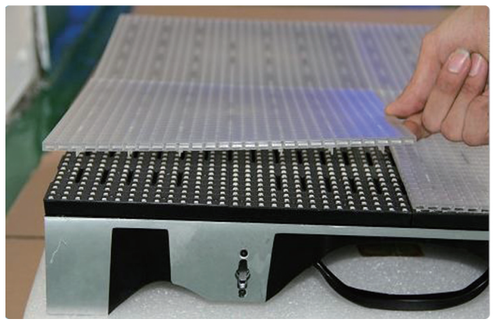
Website: www.atop-led.com

Shenzhen ATOP Led Opto Electronic Co., Limited

ATOP-FL Series

Excellent Performance

Simple design, ultra-light and ultra-thin, cabinet size can be 1000x1000mm or 1000x500mm, side thickness 80mm.
The module is made of high-permeability alkaline material, and the anti-sharpening and
scratch-resistant cover design ensures the stable use of the floor tile screen



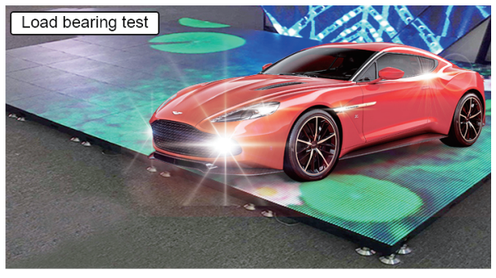


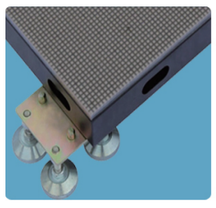
High-transmittance Acrylic Plate

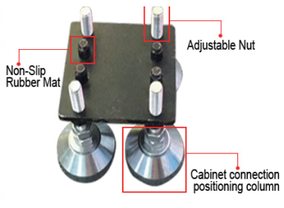
Acrylic mask protects led lamp not be damaged when walking on it, the acrylic plate on the surface of the module is with high transmittance, make sure the contents can be seen clearly, also protect the modules from damage effetely.

Strong and durable structure, large loading capacity

Each component of ATOP LED intelligent interactive floor tile screen is designed according to different mechanics, and the ultimate load-bearing capacity per square meter can be as high as 1.5~2.5 tons.
Equipped with foot installation, floor led screen height can be adjustable by four nuts, support adjustable height 130mm-170m
The bracket makes led screen not slip when you walk on it.







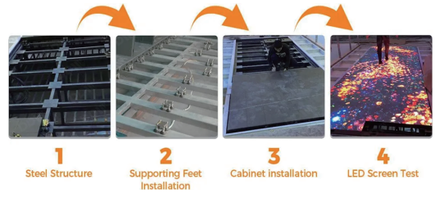
Front Rear Maintenance

With magnetic design, supports front service, save your time and energy to finish the maintenance.



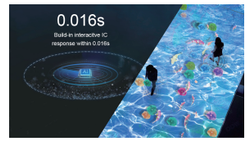
Easy Installation

Can choose different installations. Ground installation, embedded installation.



Intelligent Interactive Function

The module has a built-in self-developed interactive sensor chip with a response speed of only 0.016s. Supports intelligent interactive function, people can interact with the dance floor led display, enhance the interesting-ness, reach high realistic immersive scene experience.



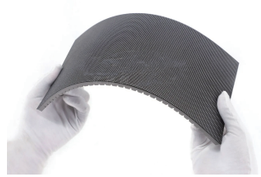
Multiple Applications

Stage, conferences, expo, event, concert ect.



ATOP-FLEX Series

ATOP flexible LED billboards can be customized in any shape according to customer needs, and can be used in various fields and applications. Especially for various irregular buildings, ATOP flexible LED screen is very suitable.

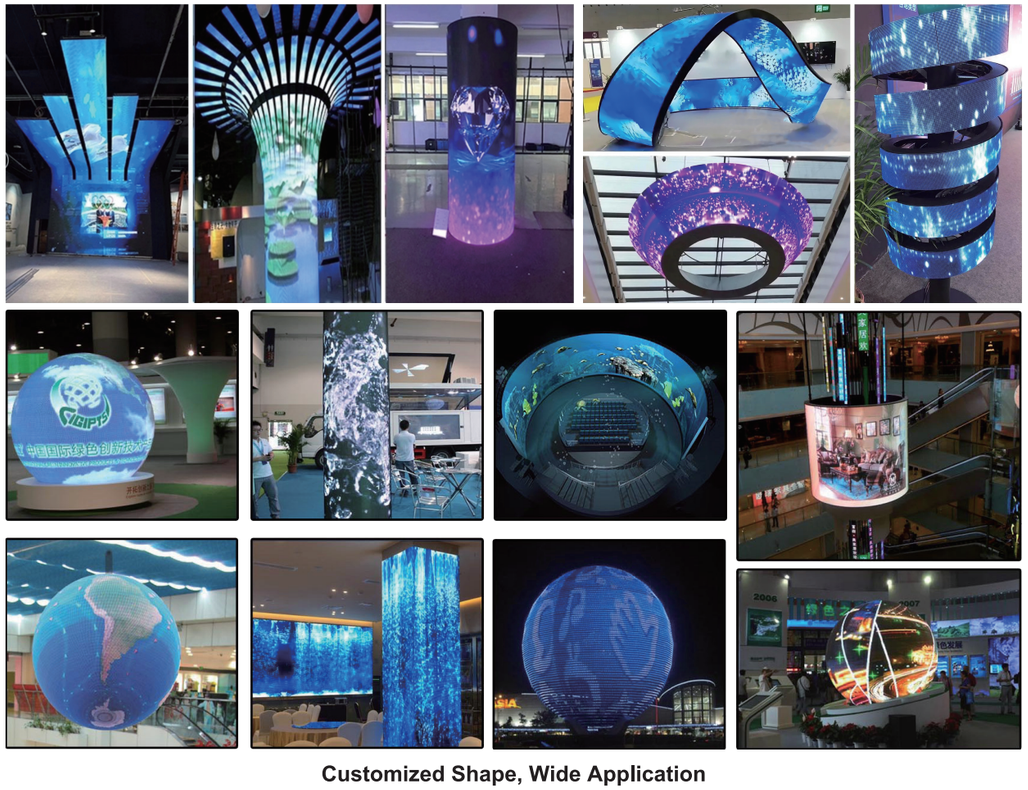


Soft Flexible Led Module





Magnetic Front Service Design



Customized Shape, Wide Application