

# FA1 Series

Outdoor Front Service LED Display-P3.9, P4.8, P6,P6.6, P8, P10



Front Maintenance



Up to 10000nits



Wide Viewing Angle



Excellent Performance



High Definition



13bits ~ 16bits



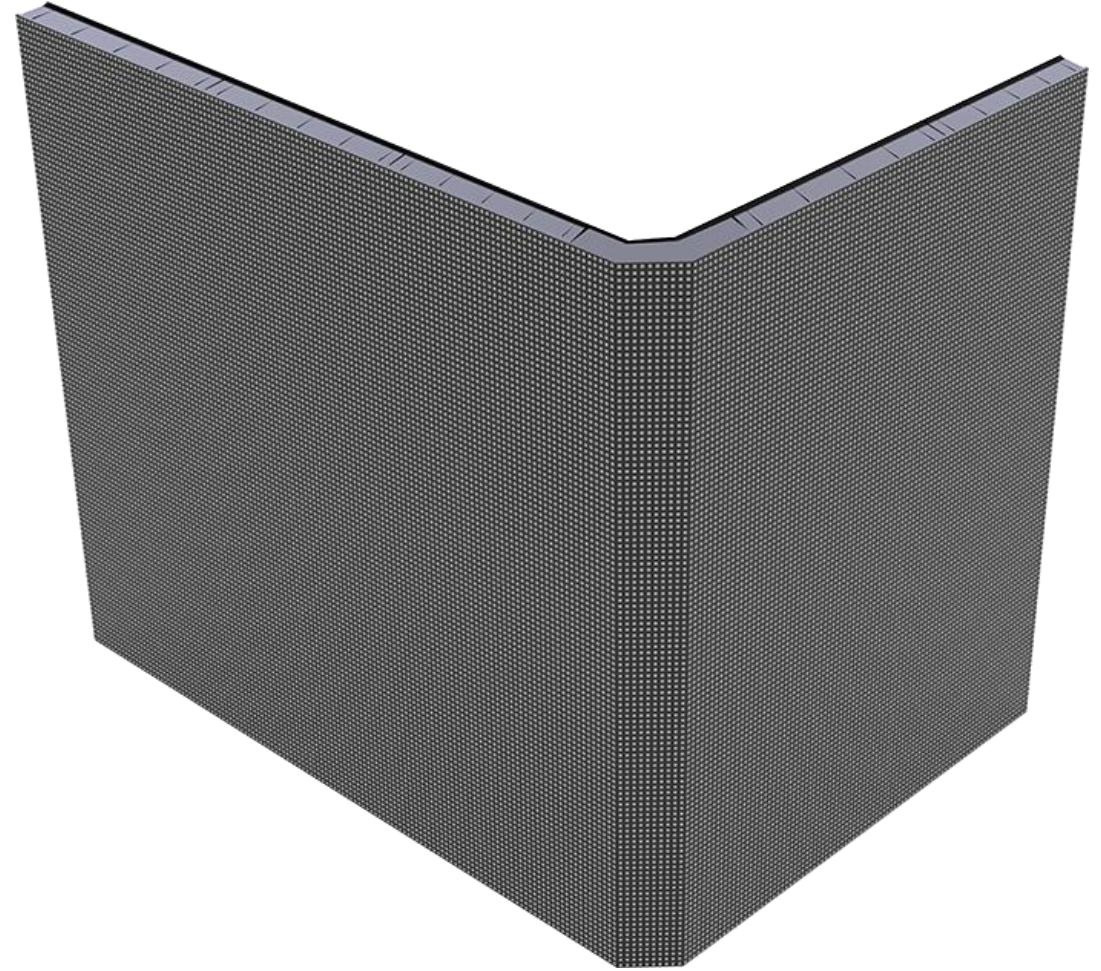
1920Hz ~ 3840Hz

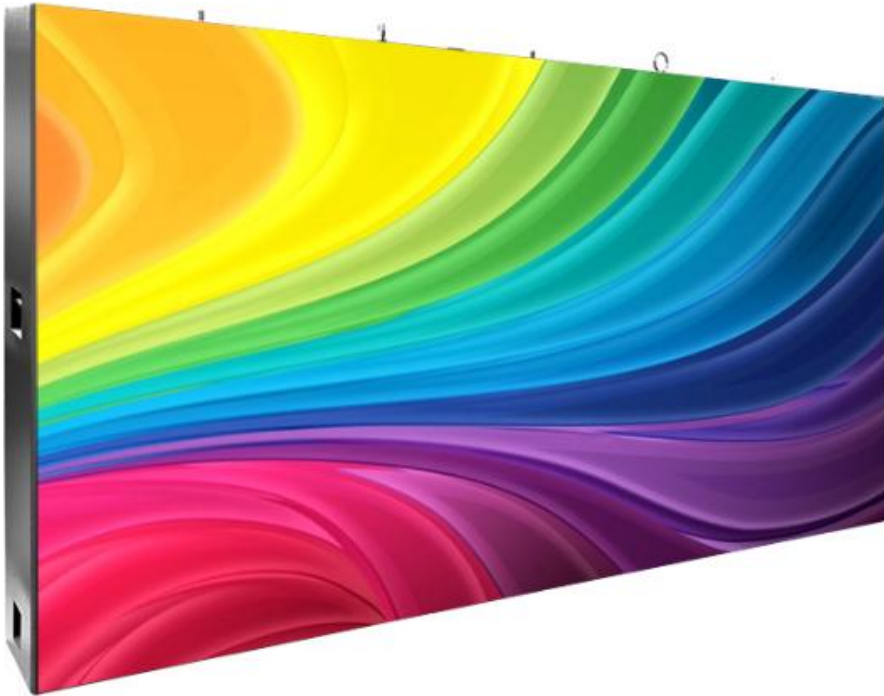


High IP Level

### **Innovative Cabinet Design**

The FA1 cabinet has a unique and innovative feature: The modules can be spliced into a 90 degree angle seamlessly, without the black line. This feature allows the screen to fit 90 degree shape wall-mounted installation perfectly.





## **Premium LED Screen for Outdoor Advertising**

Designed for outdoor advertising, our FA1 series has been proved to be a very successful front access LED screen. To make the LED display stable and reliable, we have carefully selected high-quality materials.

### **The pixel pitches are**

SMD LED module: P3.9, P4.8, P5, P6.1, P6.6, P8, P10

DIP LED module: P10, P16, P20

## High Brightness

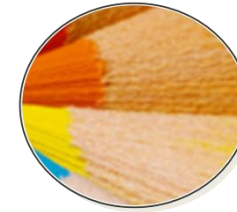
The brightness of this outdoor advertising display can be up to 10,000nits. So the display content will still look very clear in direct sunlight.

## Lower Attenuation

The LED screen is still bright enough in the sun after 6 years.

## Less Power Consumption

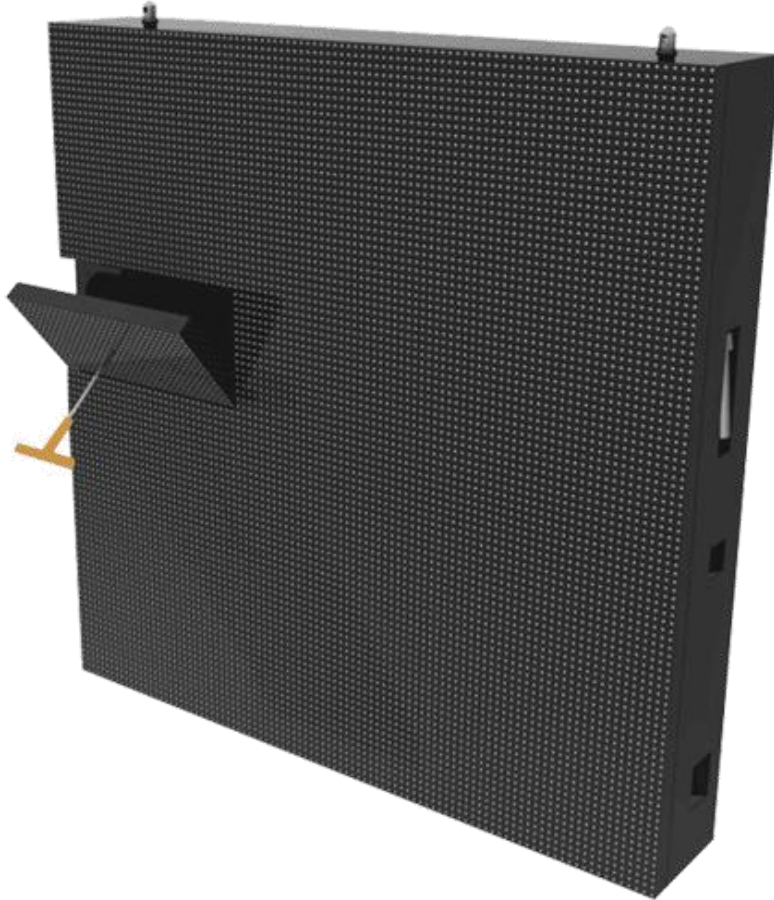
We have adopted the unique design. This LED cabinet consumes 30% less power than the other similar products in the market.



High Brightness







### **Fully Front Access Design**

With fully front access design, all components, such as power box, receiving card and other accessories, can be removed in the front of the LED cabinets.

### **103mm Thickness and Neat Back**

The LED screen panel can be very thin and its back is neat, so it can be directly mounted on the wall. You don't need to leave any space in the back.

## High Protection Grade

This outdoor LED cabinet can be designed to be no door, no fan and no ventilation. Therefore, the protective grade is higher than IP65. That's to say, the LED display can function well in dusty roadside and seashore.





## Wide Viewing Angle

We use high-quality plastic mask on the LED modules, which makes the LED screen very flat. Thus, the viewing angle is wider than that of other LED products. Moreover, the LED display is able to attract more audience.

## Great Performance

We adopt the scientific design to reach 3840Hz refresh rate and 14bits grayscale. So the LED video screen won't look flickering in the camera and the visual effect will also look even more amazing.







## Multiple Functions

FA1 full color LED displays are mainly for outdoor advertising. They have been sold to many countries, including Australia, Qatar, Saudi, Thailand, etc. Those countries have very strong sunlight or high humidity. This product is usually used in:

- Mall Advertisement;
- Stadiums scoreboard;
- Road billboard, etc.

Item	P3.9	P4.8	P5	P6	P6.6
Pixel Pitch	P3.906mm	4.807mm	5mm	6mm	6.667mm
LED Type	SMD1921	SMD1921	SMD1921	SMD1921	SMD2727
Module Resolution	64dots × 64dots	52dots × 52dots	64dots × 32dots	48dots × 48dots	48dots × 24dots
Driving Mode	1/16scan or 1/8scan	1/7scan	1/8scan	1/7scan	1/6scan
Module Pixels	4,096dots	2,704dots	2,048dots	1,352dots	1,152dots
Module Size	250mm × 250mm	250mm × 250mm	320mm × 160mm	240mm × 240mm	320mm×160mm/320mm × 320mm
Cabinet Size	1,000mm × 1,000mm	1,000mm × 1,000mm	960mm × 960mm	960mm × 960mm	960mm × 960mm
Cabinet Resolution	256dots × 256dots	208dots × 208dots	192dots × 192dots	156dots × 156dots	144dots × 144dots
Pixel Density	65,536dots/㎡	43,264dots/㎡	40,000dots/㎡	26,406.25dots/㎡	22,500dots/㎡
Minimum Viewing Distance	≥3.9m	≥4.8m	≥5m	≥6m	≥6.67m
Brightness	5,000nits or 6,500nits	6500nits	6,000nits	6,000nits	6,000nits
IP Grade	IP65	IP65	IP65	IP65	IP65
Refresh Rate	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz
Gray Scale	13bits~24bits	13bits~24bits	13bits~24bits	13bits~24bits	13bits~24bits
Viewing Angle	H:110° / V:110°	H:110° / V:110°	H:110° / V:110°	H:110° / V:110°	H:110° / V:110°
Maximum Power Consumption	750W/㎡ or 1000W/㎡	1000W/㎡	750W/㎡	750W/㎡	680W/㎡
Average Power Consumption	250W/㎡ or 330W/㎡	330W/㎡	250W/㎡	250 W/㎡	220W/㎡
Input Voltage	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz
Operating Temperature	- 20℃~50℃	- 20℃~50℃	- 20℃~50℃	- 20℃~50℃	- 20℃~50℃
Operating Humidity	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
Cabinet Material	Iron / Aluminum	Iron / Aluminum	Iron / Aluminum	Iron / Aluminum	Iron / Aluminum
Cabinet Weight	45kg/㎡ or 38kg/㎡	45kg/㎡ or 38kg/㎡	45kg/㎡ or 38kg/㎡	45kg/㎡ or 38kg/㎡	45kg/㎡ or 38kg/㎡
Operating System	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, 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.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.

P8	P10	P10	P16	P20
8mm	10mm	10mm	16mm	20mm
SMD2727	SMD2727	DIP346	DIP346	DIP346
40dots × 40dots	32dots × 32dots	32dots × 16dots	20dots × 10dots	16dots × 8dots
1/4scan	1/2scan	1/4scan	static	static
1,600dots	1,024dots	512dots	200dots	128dots
320mm × 320mm	320mm × 320mm	320mm × 160mm	320mm × 160mm	320mm × 160mm
960mm × 960mm	960mm × 960mm	960mm × 960mm	960mm × 960mm	960mm × 960mm
120dots × 120dots	96dots × 96dots	96dots × 96dots	60dots × 60dots	48dots × 48dots
15,625dots/m <sup>2</sup>	10,000dots/m <sup>2</sup>	10,000 dots/m <sup>2</sup>	3,906dots/m <sup>2</sup>	2,500dots/m <sup>2</sup>
≥8m	≥10m	≥10m	≥16m	≥20m
6,000nits	6,000nits	7,000nits	7,000nits	6,000nits
IP65	IP65	IP65	IP65	IP65
1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz
13bits~24bits	13bits~24bits	13bits~24bits	13bits~24bits	13bits~24bits
H:110° / V:110°	H:110° / V:110°	H:110° / V:55°	H:110° / V:55°	H:110° / V:55°
800W/m <sup>2</sup>	800W/m <sup>2</sup>	530W/m <sup>2</sup>	500W/m <sup>2</sup>	500W/m <sup>2</sup>
260W/m <sup>2</sup>	260W/m <sup>2</sup>	170W/m <sup>2</sup>	160W/m <sup>2</sup>	160W/m <sup>2</sup>
AC110V~AC220V @ 50Hz/60Hz	AC110V~AC220V @ 50Hz/60Hz	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz
- 20℃~50℃	- 20℃~50℃	- 20℃~50℃	- 20℃~50℃	- 20℃~50℃
10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
Iron / Aluminum	Iron / Aluminum	Iron / Aluminum	Iron / Aluminum	Iron / Aluminum
45kg/m <sup>2</sup> or 38kg/m <sup>2</sup>	45kg/m <sup>2</sup> or 38kg/m <sup>2</sup>	65kg/m <sup>2</sup> or 55kg/m <sup>2</sup>	65kg/m <sup>2</sup> or 55kg/m <sup>2</sup>	65kg/m <sup>2</sup> or 55kg/m <sup>2</sup>
Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)
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.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.