FA2 Series

IP68 Outdoor Front Service LED Display-P3.9, P6, P8, P10
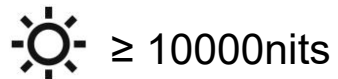

IP 68

≥ 10000nits
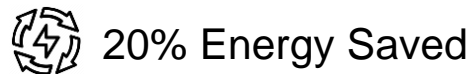
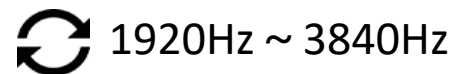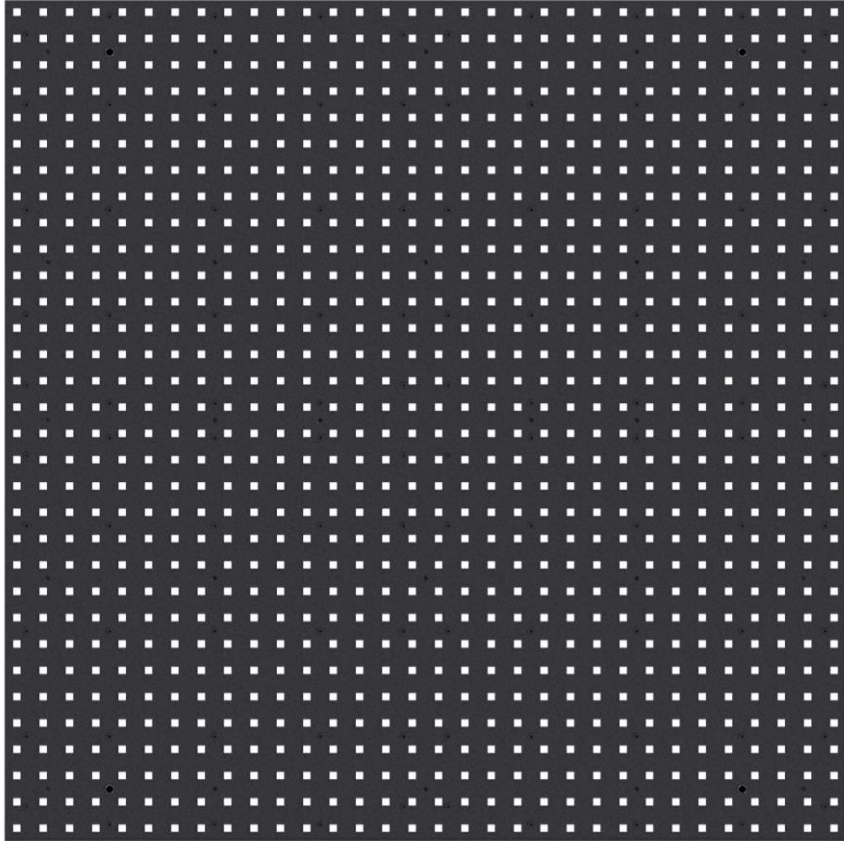Fanless Design

20% Energy Saved

Superior PCB

1920Hz ~ 3840Hz

Light Weight

13bits ~ 16bits
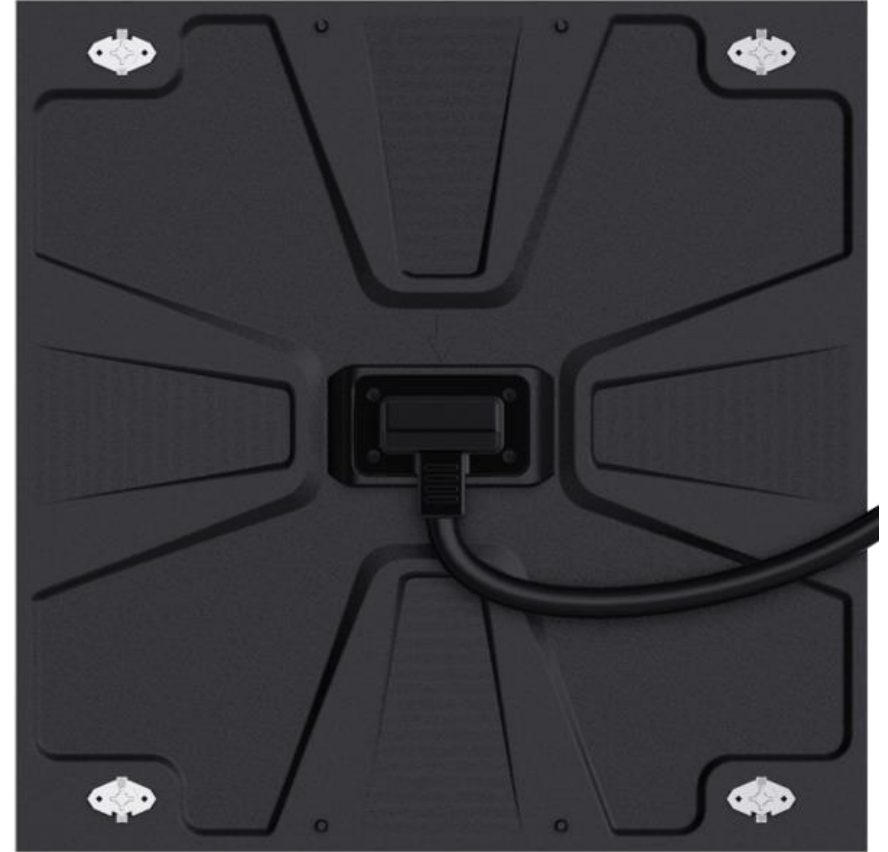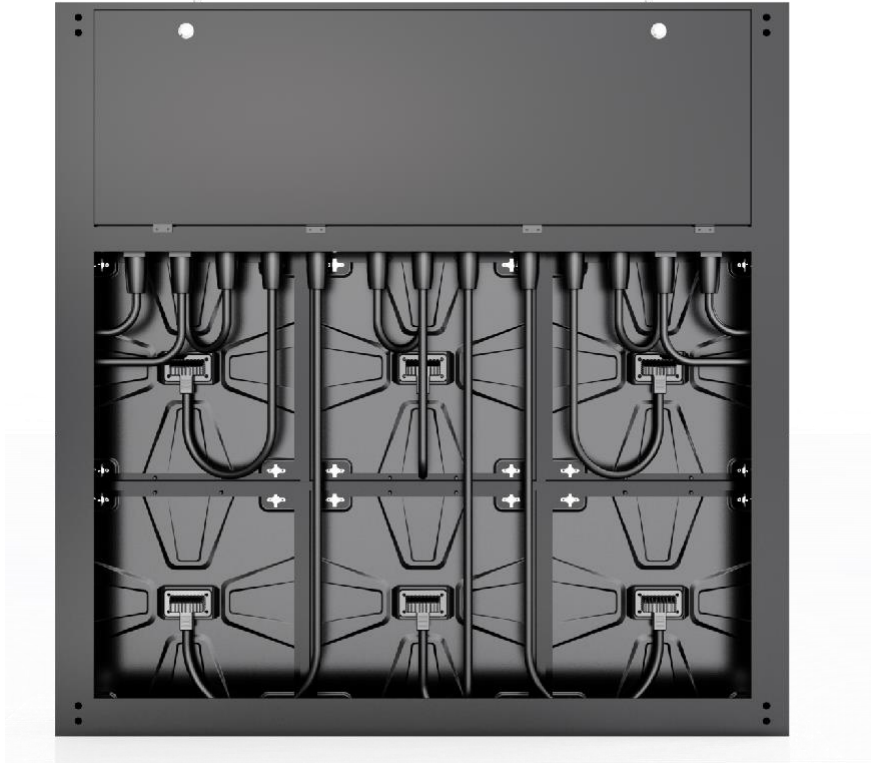
Superior Design, Outstanding Features

To meet the needs of extremely high brightness, we fully use high-quality materials and exquisite craftsmanship to manufacture this module. After thousands of performance tests and stability tests, this new star has been introduced into the group of Front Access Series. There are enough pixel pitches for you to choose: P4, P5, P6.6, P8, and P10.

Fully Front Access, Lighter and Easier

The concise structure and light weight are designed to reduce the pressure of constructions and transportation. The modules, power supply, receiving card, and other components can be removed in the front, which is convenient for the maintainer to maintain the LED screen. Single cabinet is:

- **30kgs Weight**
- **110mm Thickness**

Fanless Design, Better Heat Dissipation

The LED screen is able to work properly without air conditioner even if the weather temperature is up to 55 degree. That is because LED modules and power supply are not in the same compartment, so the heat generated from the power supply won't affect the LED module, and the heat from the LED module won't get the power supply overheated neither. Meanwhile, the LED module back is left in the open space, and the power supply has a direct attach on metal case, so both of them can be cooled down quickly by the natural wind.

More Than 10000nits, Ultimate Visual Performance

To display clearly what is on the LED screen in outdoor scenes, we adopt the new methods of superior PCB design and LED chip to make brightness reach more than 10000nits. With the ultra-high brightness, refresh rate and gray scale, the visual performance of the screen is unexceptionable. Moreover, the aspect ratio of this cabinet is 4:3, and it is very easy to make the aspect ratio of screen reach 4:3 or 16:9. This design makes the vision even better.

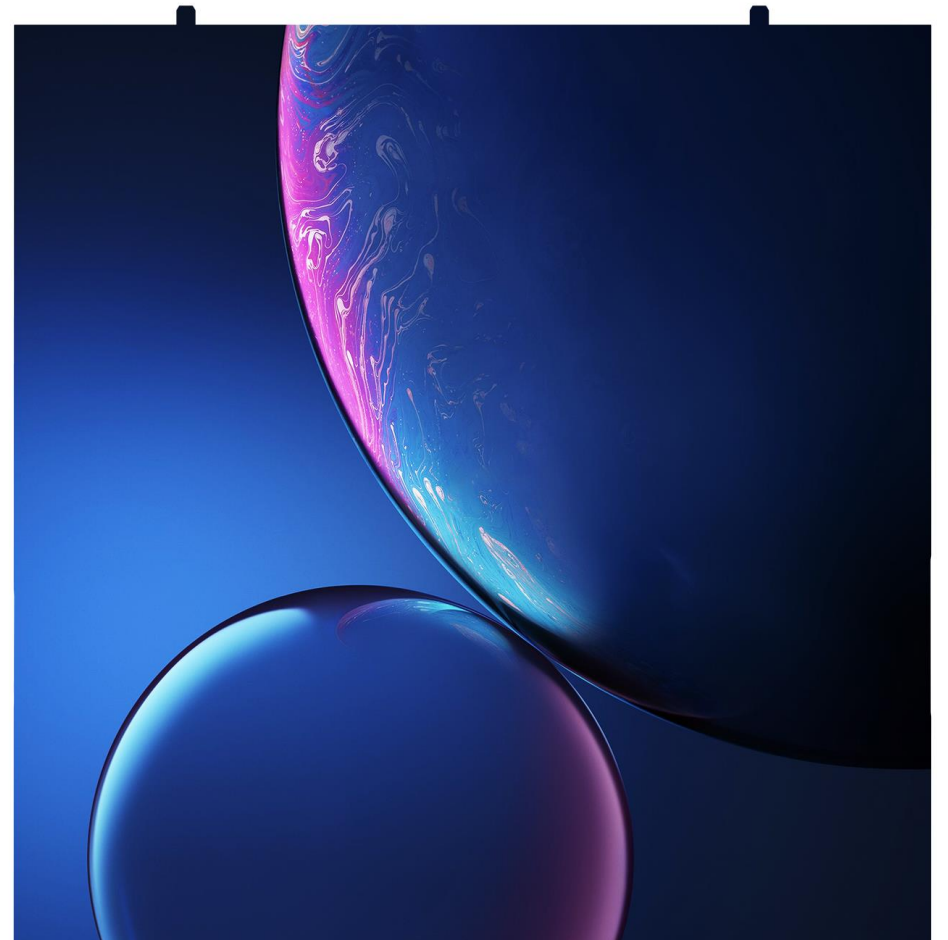**Best Gray Scale**

Up to 16bits

Extremely High Brightness

More than 10000nits

Ultimate Refresh Rate

Up to 3840Hz

Aspect Ratio Of The Cabinet

4:3

Extreme Protective Methods: IP 68

The LED display in outdoor scenes will face more challenges than the indoor ones such as the damage of dust and water. To make the LED display function safe and stabe in outdoor scenes, we adopt the advanced protective methods to withstand heavy rain and strong winds. We also utilize the excellent physical design to reduce the energy cost.

- **IP68**
- **20% Energy Saved**

Application　Fields

To fit every different scene, our products utilize superior materials with the concise and strong structure. This product is usually used in:

- **Truck Trailers;**
- **Scoreboards;**
- **Digital Out Of Home(DOOH).**

FA2 Parameters

Item	P6.67	P8	P10
Pixel Pitch	6.667mm	8mm	10mm
LED Type	SMD2727	SMD2727	SMD2727
Module Resolution	48dots x 48dots	40dots x 40dots	32dots x 32dots
Driving Mode	1/4scan	1/4scan	1/2scan
Module Pixels	2304dots	1600dots	1024dots
Module Size	320mm x 320mm	320mm x 320mm	320mm x 320mm
Cabinet Size	960mm x 960mm ×110mm	960mm x 960mm ×110mm	960mm x 960mm ×110mm
Cabinet Resolution	144dots x 144dots	120dots x 120dots	96dots x 96dots
Pixel Density	22,500dots/m²	15,625dots/m²	10,000dots/m²
Minimum Viewing Distance	≥6.67 m	≥8 m	≥10m
Brightness	6,500nits or 10,000nits	6,000nits or 9000nits	6,000nits ~ 10,000nits
IP Grade	IP68	IP68	IP68
Refresh Rate	1,920Hz～3,840Hz	1,920Hz～3,840Hz	1,920Hz～3,840Hz
Gray Scale	13bits～24bits	13bits～24bits	13bits～24bits
Viewing Angle	H:110° / V:110°	H:110° / V:110°	H:110° / V:110°
Maximum Power Consumption	800W/m²	800W/m²	800W/m²
Average Power Consumption	265W/m²	265W/m²	265W/m²
Input Voltage	AC110V - AC220V @ 50Hz/60Hz	AC110V - AC220V @ 50Hz/60Hz	AC110V - AC220V @ 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, 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.