FA2 PRO

IP68 Outdoor Front Access LED Display

IP 68

Fanless Design

Cable Free

Light Weight

≥ 10000nits

50% Energy Saved

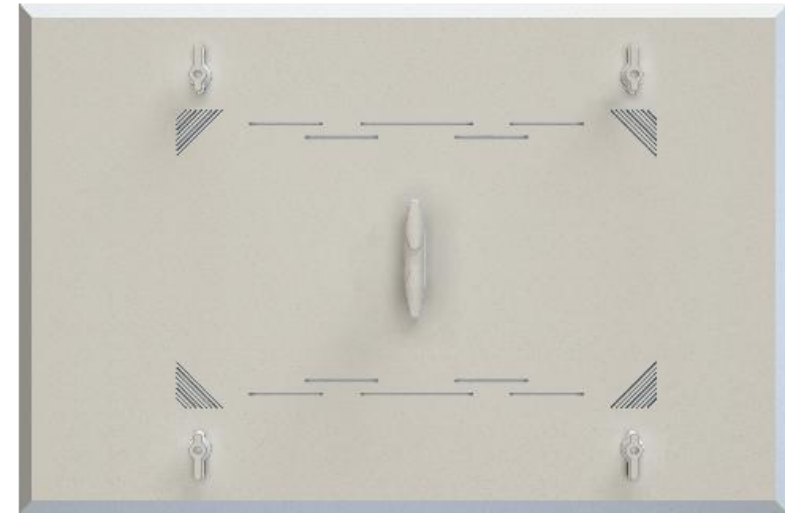1920Hz ~ 3840Hz

Aluminium Module Case

Cable free backside

All cables are hidden at the bottom of the cabinet and there are no flat cables in the modules. This design makes the appearance and feeling clean, and also avoids the bad contact caused by accidents.

The pixel pitch P6.67, P8 and P10 are available.

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

Aluminium module casing accelerates heat dissipation, and light gray color can reflect the sunlight to reduce heat generation. Therefore, the LED screen can work properly without air conditioner even when the weather temperature is as high as 55 degrees. Meanwhile, fanless design enable the screen to work more reliable in dusty environment such as roadside and high humidity places such as seashore.

More Than 10000nits, Ultimate Visual Performance

To display clearly what is on the 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

Extremely Protective Methods: IP 68

The LED screen in outdoor scenes will face more challenges than the indoor ones such as the damage of dust and water. To make the LED screen function safely and stably 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**

- **50% 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 Pro Parameters

Item	P6.67	P8	P10
Pixel Pitch	6.67mm	8mm	10mm
LED Type	SMD2727	SMD2727	SMD2727
Module Resolution	72dots x 48dots	80dots x 40dots	64dots x 32dots
Driving Mode	1/6scan or 1/4scan	1/4scan	1/2scan
Module Pixels	3456dots	3200dots	2048dots
Module Size	480mm x 320mm	480mm x 320mm	480mm x 320mm
Cabinet Size	960mm x 960mm	960mm x 960mm	960mm x 960mm
Cabinet Resolution	144dots x 144dots	120dots x 120dots	96dots x 96dots
Pixel Density	22,477dots/m²	15,625dots/m²	10,000dots/m²
Minimum Viewing Distance	≥6.7 m	≥8 m	≥10 m
Brightness	6,000nits ~ 10,000nits	6,000nits ~ 10,000nits	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:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	800W/m²	800W/m²	800W/m²
Average Power Consumption	230W/m²	230W/m²	230W/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	Aluminum	Aluminum
Cabinet Weight	28kg/sqm	28kg/sqm	28kg/sqm
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.