

FA2 Elite

Outdoor Front and Rear Access LED Display P5.71, P6.67, P8 and P10



Lightweight



High stability



Cable Free



Super Cost-effective



14bits ~ 22bits



50% Energy Saved



Aluminum cabinet



IP66



Slim and lightweight design

The aluminum cabinet is designed to be 25kgs/sqm lighter than conventional cabinets in the market. Lighter cabinets provide more convenience for installation. Multiple panel sizes can be easily assembled into a big screen of different dimensions.

- 960(w)mm x 960(h)mm
- 82mm thickness
- 25kgs/sqm weight

The pixel pitch P5.71, P6.67, P8 and P10 are available.

Front and Rear Access

The power supply, receiving card, and module can be removed from the front or rear side. This kind of concise and easy design allows removing and replacing modules fast in an emergency, especially when the technician wonders which part has issues. Fast problem-solving saves a large amount of labor costs.

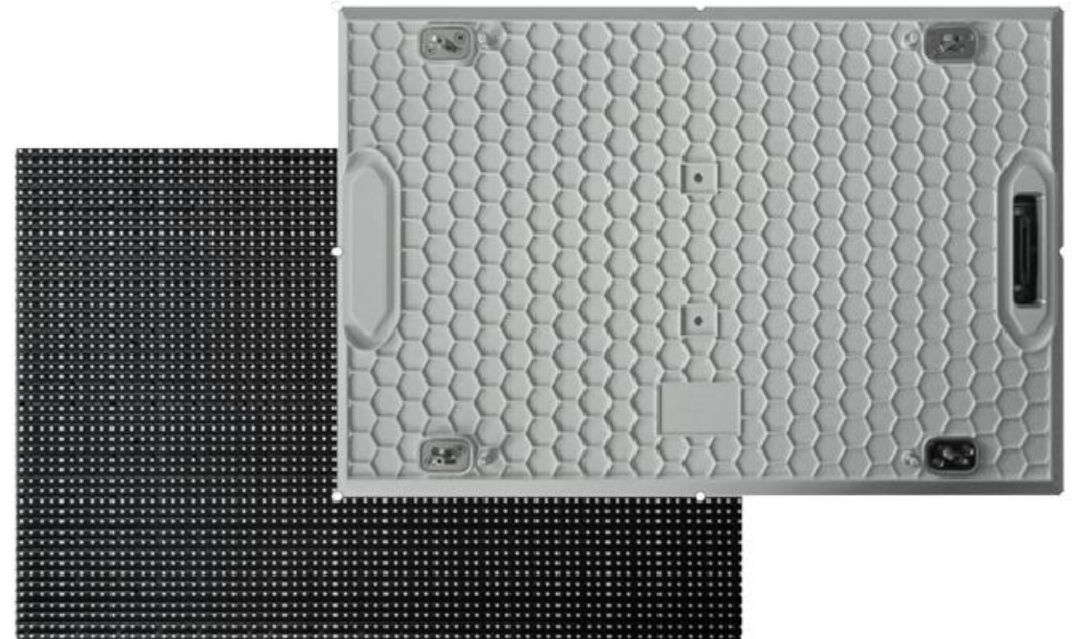


Cable free module with signal row pin socket

This design doesn't require the ribbon cable, so the signal connection of the modules is much better than common designs in the market.

What's more, we use single row pin sockets, its characteristics are:
High precision: Its precise pin spacing ensures stable connections between electronic components and improves the overall performance of the circuit board.

High reliability: It is made of high-quality materials, has good electrical conductivity and corrosion resistance, and can ensure the stable operation of the circuit.





Protective Method: IP 66

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 advanced protective methods to withstand heavy rain and strong winds for a long time. The IP66 design can isolate electronic parts from humidity and dust, so the screen is more reliable.

Hight Brightness up to 10,000nits

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.





High refresh rate and high grayscale

A refresh rate greater than or equal to 3840Hz is used to capture high dynamic range images, which helps to eliminate scan lines and flickering on the display. A high grayscale level of 14bits-22bits ensures excellent visual quality, and the LED display provides vivid visual effects.

Applications

To fit every different scene, our products utilize superior materials with a concise and strong structure, and various installation methods make it flexible and easy to apply.

This product is usually used in:

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



FA2 Elite Parameters

Item	P5.71	P6.67	P8	P10
Pixel Pitch	5.71mm	6.67mm	8mm	10mm
LED Type	SMD2727	SMD2727	SMD2727	SMD2727
Module Resolution	84dots x 56dots	72dots x 48dots	60dots x 40dots	48dots x 32dots
Driving Mode	1/7scan	1/4scan	1/4scan	1/2scan
Module Pixels	4704dots	3456dots	2400dots	1536dots
Module Size	480mm x 320mm	480mm x 320mm	480mm x 320mm	480mm x 320mm
Cabinet Size(mm)	960 x960×82	960 x960×82	960 x960×82	960 x960×82
Cabinet Resolution	168dots x 168dots	144dots x 144dots	120dots x 120dots	96dots x 96dots
Pixel Density	30,671dots/㎡	22,478dots/㎡	15,625dots/㎡	10,000dots/㎡
Minimum Viewing Distance	≥5.71 m	≥6.67 m	≥8 m	≥10 m
Brightness	5000nits ~ 10000nits	5000nits ~ 10000nits	5000nits ~ 10000nits	5000nits ~ 10000nits
IP Grade	IP66	IP66	IP66	IP66
Refresh Rate	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz
Gray Scale	14bits~22bits	14bits~22bits	14bits~22bits	14bits~22bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	560W/m²	560W/m²	560W/m²	560W/m²
Average Power Consumption	160W/m²	160W/m²	160W/m²	160W/m²
Input Voltage	AC110V-220V@ 50Hz/60Hz	AC110V-220V@ 50Hz/60Hz	AC110V-220V@ 50Hz/60Hz	AC110V-220V@ 50Hz/60Hz
Operating Temperature	- 20°C ~ 60°C	- 20°C ~ 60°C	- 20°C ~ 60°C	- 20°C ~ 60°C
Operating Humidity	10%~90%	10%~90%	10%~90%	10%~90%
Cabinet Material	Aluminum	Aluminum	Aluminum	Aluminum
Cabinet Weight	25kg/sqm	25kg/sqm	25kg/sqm	25kg/sqm
Operating System	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.