iCATCHER DIGITAL SIGNS
LEADERS IN LED MESSAGING

FA2 Series

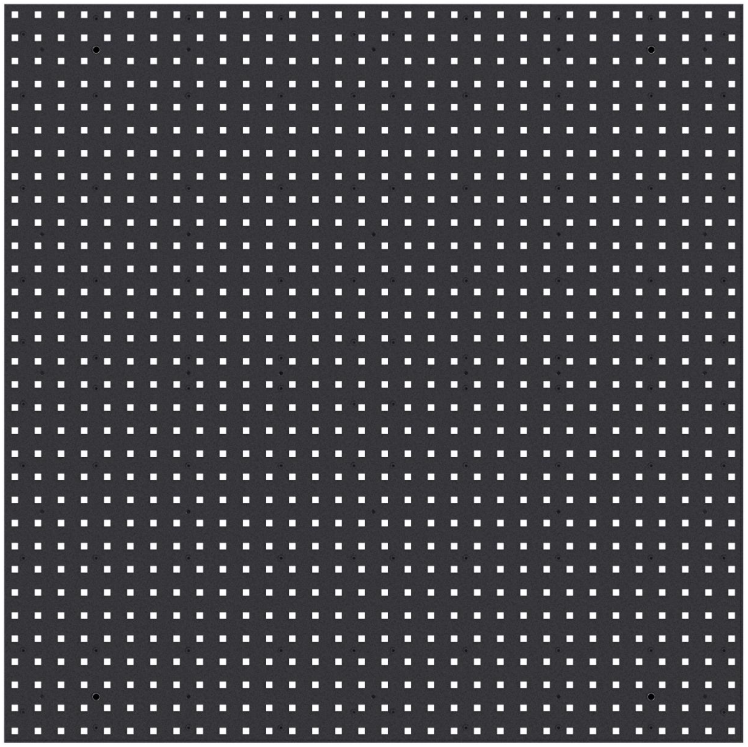
IP68 Outdoor Front Service LED Display-P3.9, P6, P8, P10





- IP 68
- ≥ 10000nits
- Fanless Design
- 20% Energy Saved
- Superior PCB
- 1920Hz ~ 3840Hz
- Light Weight
- 13bits ~ 16bits

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Superior Design, Outstanding Features

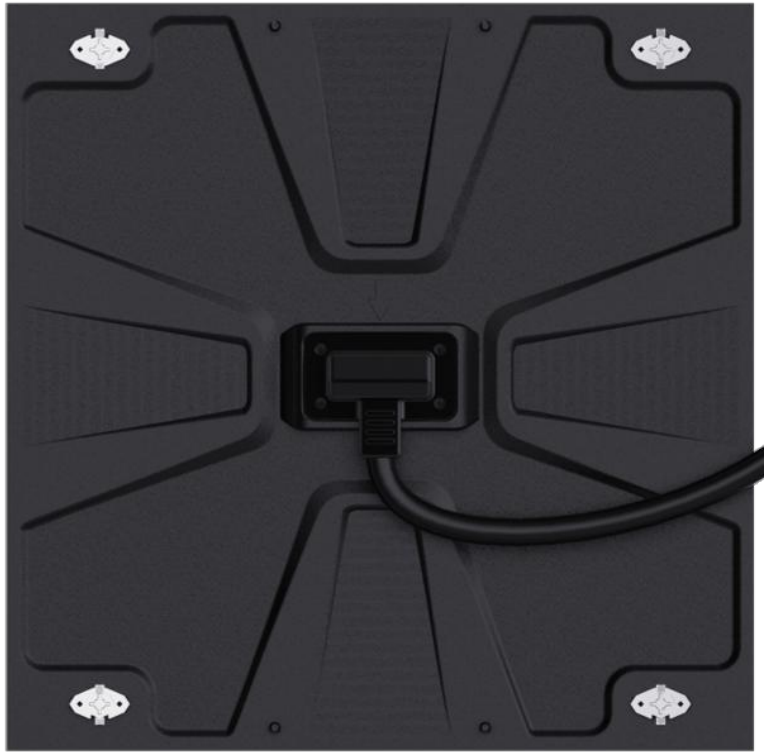
To meet the needs of extremely high brightness, we fully use high-quality materials and exquisite craftsmanship to manufacture this module. After thousands of performance tests and stability tests, this new star has been introduced into the group of Front Access Series. There are enough pixel pitches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

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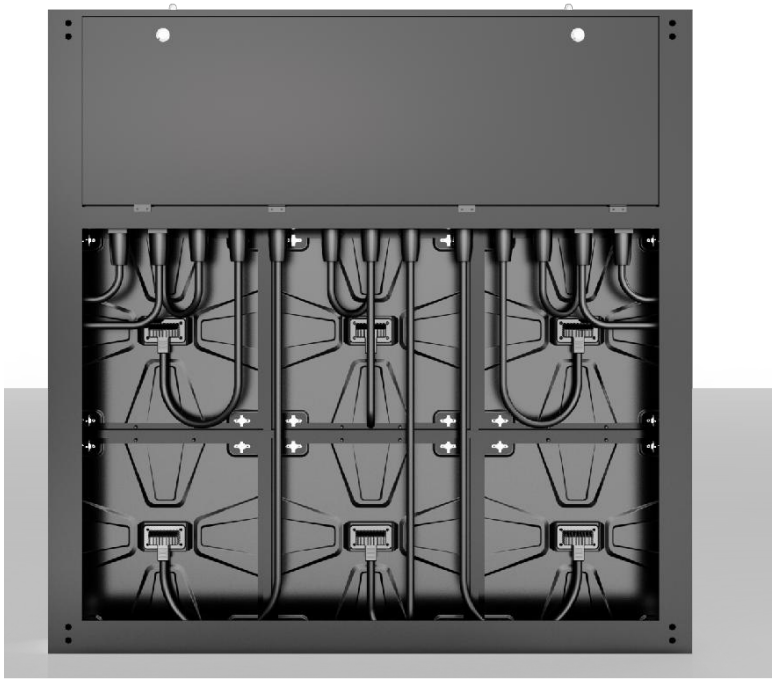
Fully Front Access, Lighter and Easier

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**



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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.

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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



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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.

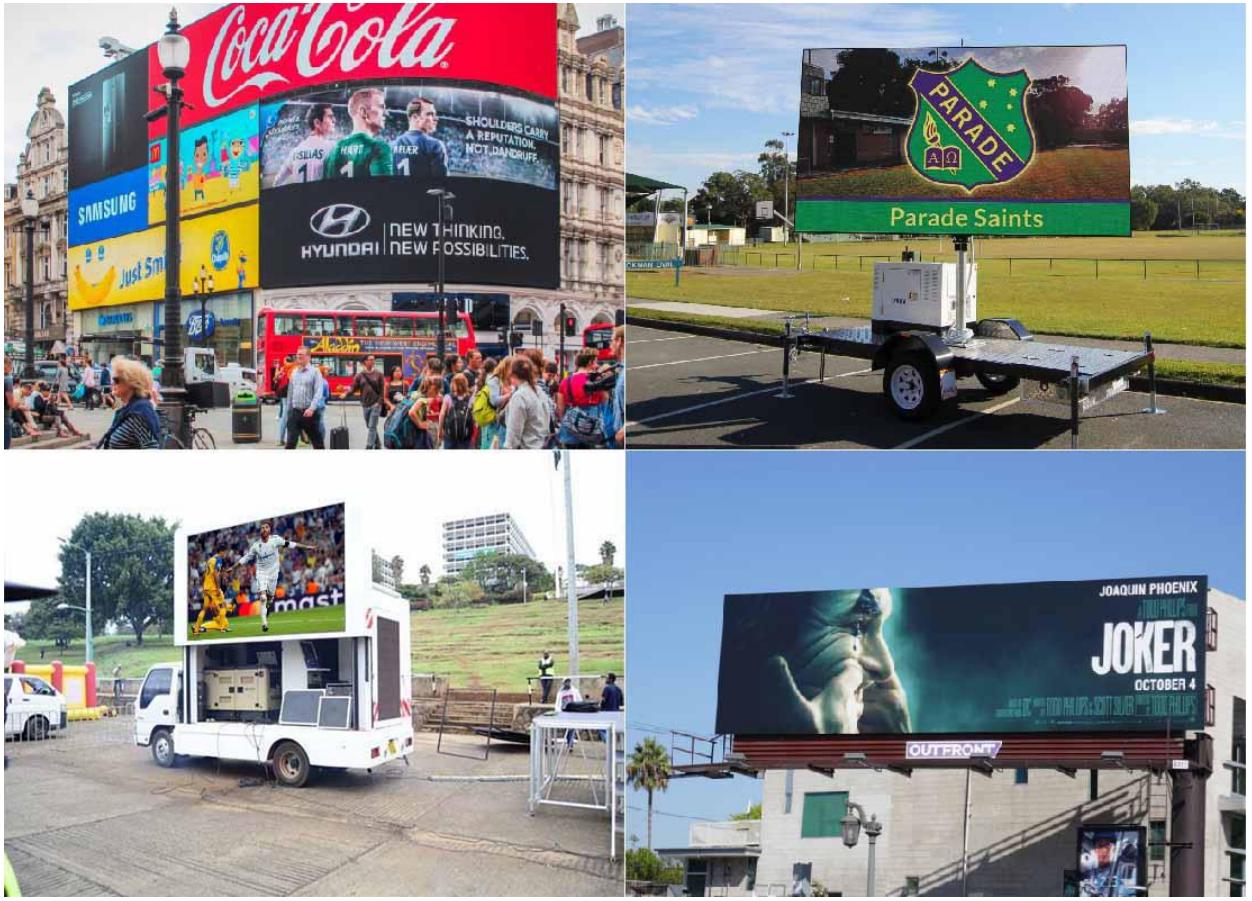
- **IP68**
- **20% Energy Saved**

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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	P3.9	P4.8	P6.6	P8	P10
Pixel Pitch	3.906mm	4.807mm	6.67mm	8mm	10mm
LED Type	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727
Module Resolution	64dots × 64dots	52dots × 52dots	48dots x 48dots	40dots x 40dots	32dots x 32dots
Driving Mode	1/8scan	1/7scan	1/6scan or 1/3scan	1/4scan	1/2scan
Module Pixels	4,096dots	2,704dots	2304dots	1600dots	1024dots
Module Size	250mm × 250mm	250mm × 250mm	320mm x 320mm	320mm x 320mm	320mm x 320mm
Cabinet Size	1,000mm × 1,000mm	1,000mm × 1,000mm	960mm x 960mm	960mm x 960mm	960mm x 960mm
Cabinet Resolution	256dots × 256dots	208dots × 208dots	144dots x 144dots	120dots x 120dots	96dots x 96dots
Pixel Density	65,536dots/㎡	43,264dots/㎡	22,500dots/m²	15,625dots/m²	10,000dots/m²
Minimum Viewing Distance	≥3.9m	≥4.8m	≥6.67 m	≥8 m	≥10m
Brightness	6,000nits～7,000nits	6,000nits～7,000nits	6,000nits ~ 10,000nits	5500nits ~ 8000nits	6,000nits ~ 10,000nits
IP Grade	IP68	IP68	IP68	IP68	IP68
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～16bits	13bits～16bits	13bits～16bits	13bits～16bits	13bits～16bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	800W/m²	800W/m²	800W/m²	800W/m²	800W/m²
Average Power Consumption	230W/m²	230W/m²	230W/m²	230W/m²	230W/m²
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℃～65℃	- 20℃～65℃	- 20℃～65℃	- 20℃～65℃	- 20℃～65℃
Operating Humidity	10%～90%	10%～90%	10%～90%	10%～90%	10%～90%
Cabinet Material	Iron or Aluminum	Iron or Aluminum	Iron or Aluminum	Iron or Aluminum	Iron or Aluminum
Cabinet Weight	Steel:36kg/sqm; Aluminum:28kg/sqm	Steel:36kg/sqm; Aluminum:28kg/sqm	Steel:36kg/sqm; Aluminum:28kg/sqm	Steel:36kg/sqm; Aluminum:28kg/sqm	Steel:36kg/sqm; Aluminum:28kg/sqm
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.