iCATCHER DIGITAL SIGNS
LEADERS IN LED MESSAGING

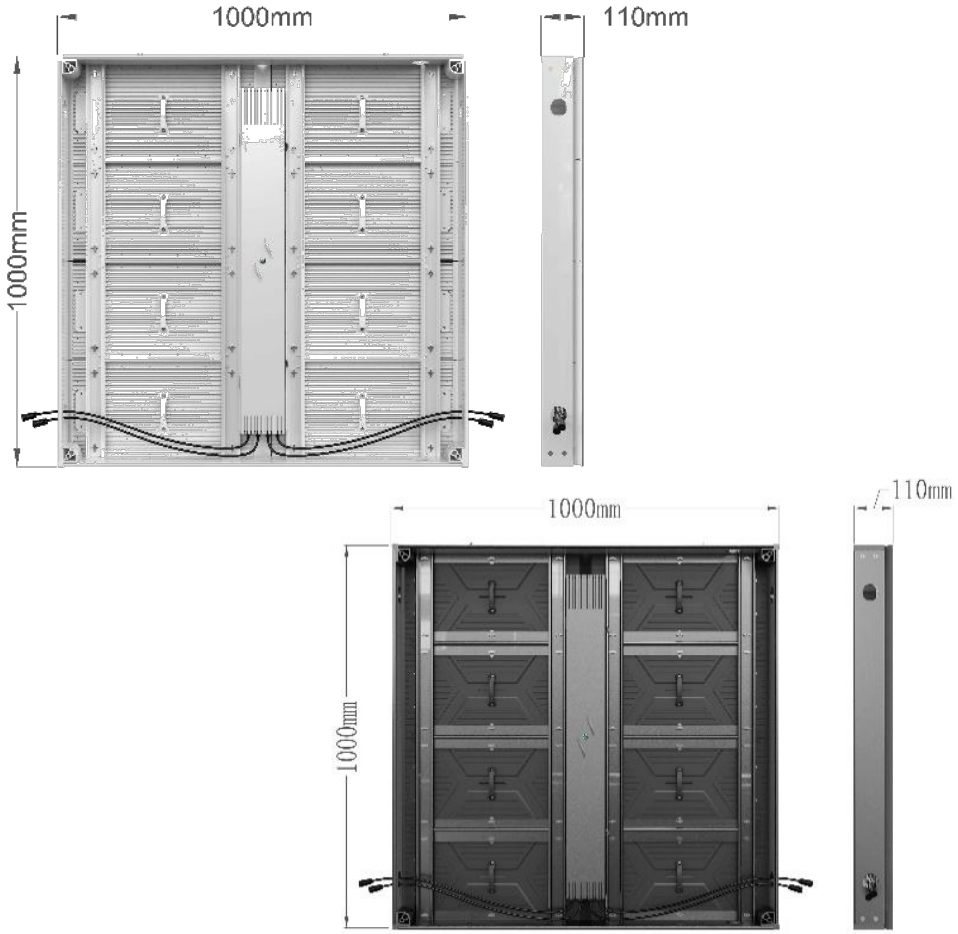
# FA2 Max

## Outdoor Front Access LED Display



- Lightweight
- High stability
- Cable Free
- Cost-effective
- ≥ 10000nits
- 50% Energy Saved
- Aluminium Module Case
- IP68

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## Slim and lightweight design

The aluminum cabinet is designed to be 28kgs lighter than conventional cabinets in the market. Lighter cabinets provide more convenience for installation. 1m by 1m panel size can be easily assembled into big screen of different dimensions. In order to fit some special screen areas, we can also make 1m x 0.75m panel size.

- 1000(w)mm x 1000(h)mm or 1000(w)mm x 750mm(h)
- 110mm thickness
- 28kgs weight

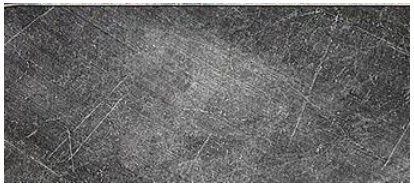
The pixel pitch P2.9, P3.9, P4.8, P5.9, P6.2, P7.8 and P10.4 are available.

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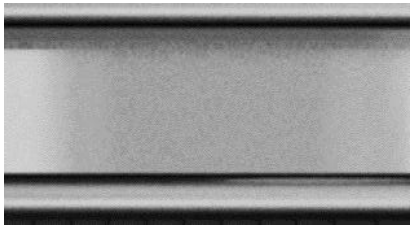
## Better heat dissipation

All aluminum material is more durable and highly stable than traditional steel one. Meanwhile, heat dissipation of aluminum is much better than others in the market. As the electronic components can be cooled down quickly, their lifespan will be longer.





~~Steel~~



Aluminum

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## Cable free with dual sockets

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 signal pin dual sockets which is easy to replace modules. There is no need to confuse about the direction.

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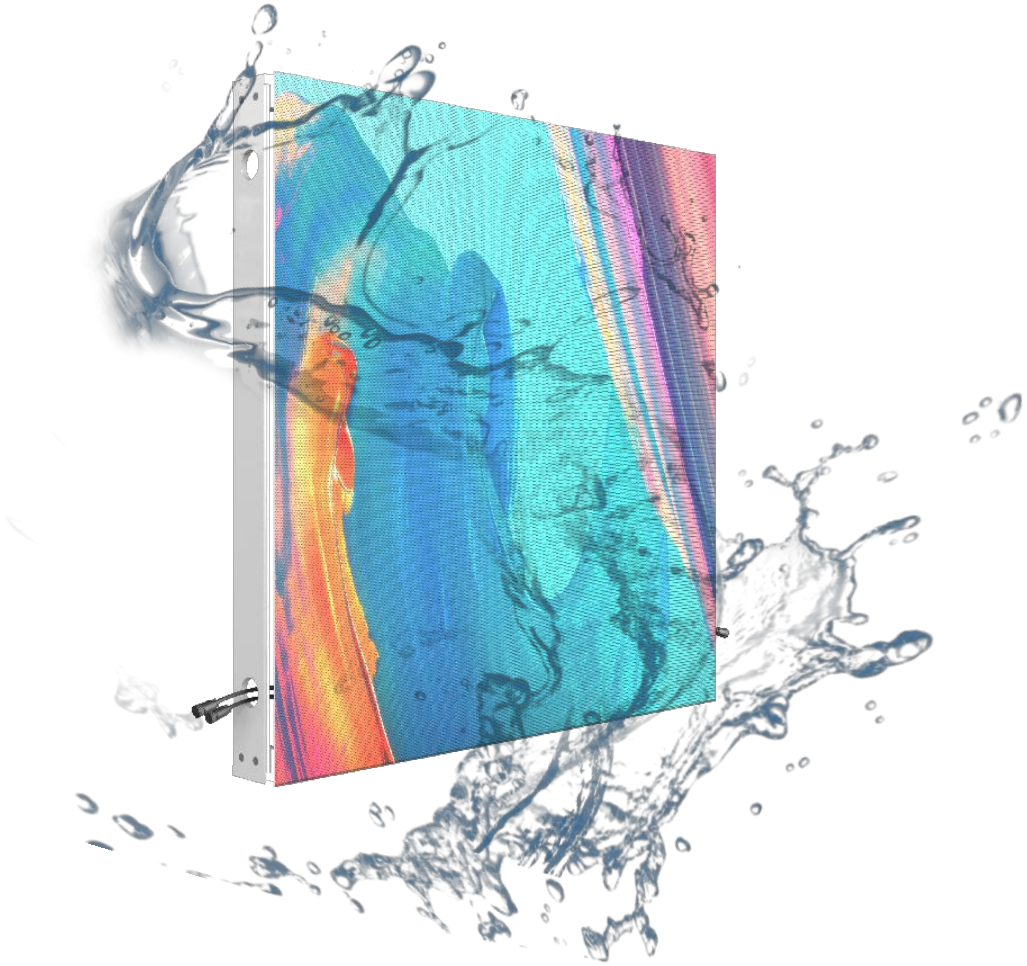
## Fast front access

Front access design which is more convenient for installation. The concise structure and light weight are designed to reduce the pressure of construction and transportation. The modules, power supply, receiving card, and other components can be disassembled from the front, which is convenient for the maintainer to maintain the LED screen.

At the same time, traditional rear maintenance is also supported. You could choose anyone according to the actual situation.



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## Extremely Protective Method: 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 advanced protective methods to withstand heavy rain and strong winds. The IP68 design can isolate electronic parts from humidity and dust, so the screen is more reliable.

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## Energy conservation

1) Maximum power consumption: 550W/sqm.
The maximum power consumption of other products in the market is 800 w/sam, while that of our products is only 550 w/sqm. The dual power supply design saves half power consumption, which is superior to the traditional use.

2) Two brightness options: 6000nits and 10000nits.
6000nits brightness: the product can work properly for more than 5 years with a 2-year warranty
10000nits brightness:the screen can work properly for more than 8 years with a 5-year warranty.




**Energy saving**



**HUB connection**



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## Application Fields

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).**

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## FA2 Max Parameters

| Item | P2.9 | P3.9 | P4.8 | P5.9 | P6.2 | P7.8 | P10.4 |
|---|---|---|---|---|---|---|---|
| Pixel Pitch | 2.9761mm | 3.90625mm | 4.8076mm | 5.952mm | 6.25mm | 7.8125mm | 10.416mm |
| LED Type | SMD1415 | SMD1921 | SMD1921 | SMD1921 | SMD1921 | SMD2727 | SMD2727 |
| Module Resolution | 168dots × 84dots | 128dots × 64dots | 104dots × 52dots | 84dots x 42dots | 80dots x 40dots | 64dots x 32dots | 48dots x 24dots |
| Driving Mode | 1/14scan | 1/16scan or 1/8scan | 1/13scan or 1/7scan | 1/7scan | 1/5scan | 1/7scan | 1/7scan |
| Module Pixels | 14,112dots | 8192dots | 5408dots | 3528dots | 3200dots | 2048dots | 1152dots |
| Module Size | 500mm x 250mm | 500mm x 250mm | 500mm x 250mm | 500mm x 250mm | 500mm x 250mm | 500mm x 250mm | 500mm x 250mm |
| Cabinet Size | 1000mm x 1000mm | 1000mm x 1000mm | 1000mm x 1000mm | 1000mm x 1000mm | 1000mm x 1000mm | 1000mm x 1000mm | 1000mm x1000mm |
| Cabinet Resolution | 336dots x 336dots | 256dots x 256dots | 208dots x 208dots | 168dots x 168dots | 160dots x 160dots | 128dots x 128dots | 96dots x 96dots |
| Pixel Density | 112,896dots/m² | 65,536dots/m² | 43,264dots/m² | 28,224dots/m² | 25,600dots/m² | 16,384dots/m² | 9216dots/m² |
| Minimum Viewing Distance | ≥2.9 m | ≥3.9 m | ≥4.8 m | ≥5.9 m | ≥6.2 m | ≥7.8 m | ≥10.4 m |
| Brightness | 5,000nits~6,000nits | 6,000nits~7,000nits | 6,000nits~7,000nits | 6,000nits ~ 7,000nits | 6,000nits ~ 10,000nits | 6000nits ~ 8500nits | 6,000nits ~ 8,500nits |
| IP Grade | IP68 | IP68 | 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 | 1,920Hz~3,840Hz | 1,920Hz~3,840Hz |
| Gray Scale | 13bits~24bits | 13bits~24bits | 13bits~24bits | 13bits~24bits | 13bits~24bits | 13bits~24bits | 13bits~24bits |
| Viewing Angle | H:160° / V:160° | H:160° / V:160° | H:160° / V:160° | H:160° / V:160° | H:160° / V:160° | H:160° / V:160° | H:160° / V:160° |
| Maximum Power Consumption | 550W/m² | 550W/m² | 550W/m² | 550W/m² | 550W/m² | 550W/m² | 550W/m² |
| Average Power Consumption | 150W/m² | 150W/m² | 150W/m² | 150W/m² | 150W/m² | 150W/m² | 150W/m² |
| Input Voltage | AC110V - AC220V @ 50Hz/60Hz | AC110V - AC220V @ 50Hz/60Hz | 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℃ | - 20℃~65℃ | - 20℃~65℃ |
| Operating Humidity | 10%~90% | 10%~90% | 10%~90% | 10%~90% | 10%~90% | 10%~90% | 10%~90% |
| Cabinet Material | Aluminum | Aluminum | Aluminum | Aluminum | Aluminum | Aluminum | Aluminum |
| Cabinet Weight | 28kg/sqm | 28kg/sqm | 28kg/sqm | 28kg/sqm | 28kg/sqm | 28kg/sqm | 28kg/sqm |
| Operating System | Windows (Win7, Win8, etc.) | Windows (Win7, Win8, etc.) | 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. | DVI,HDMI1.3,DP1.2,SDI,HDMI2.0,etc. | DVI,HDMI1.3,DP1.2,SDI,HDMI2.0,etc. |