iCATCHER DIGITAL SIGNS
LEADERS IN LED MESSAGING

FA3 Series

The world's smallest Indoor panel-P1.9, P2.6, P2.9, P3.9

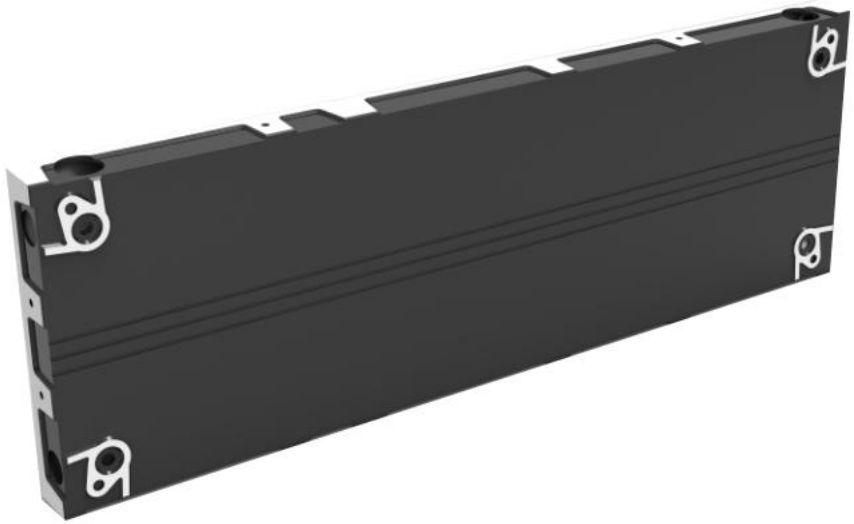


- Die-casting Aluminum
- Light and Thin
- Wide Viewing Angle
- Flexible Installations
- Excellent Performance
- 13bits ~ 24bits
- 1,920Hz～3,840Hz
- Fully Front Access

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Die-Casting Aluminum Design

As customers have higher requirements for LED displays, more and more cabinets have been developed to meet market demands.
Compared with the traditional bulky cabinet, the die-casting aluminum cabinet with humanized design is stronger, more light-weight and precise. This LED panel is highly praised for better user experience. The pixel pitches of this LED screen are SMD P1.9, P2.6, P2.9 and P3.9.



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Front Access Design

All electrical components: power supply, receiving card, and data cable are easily accessed from the front of the FA3 LED display. This design feature allows for direct wall mount installation.

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Ultra-thin and ultra-light features

The FA3 LED display cabinet is 42mm (1.65”) thick
The LED display cabinet options weigh 5.5kgs (12.1lbs) or 2kgs (4.4lbs).
Cabinet depth: 42mm only. It is one of the thinnest cabinet in the prevailing market, more cost-effective in installation space and steel structure.



1,000mm×250mm cabinet weight:5. 5kg



250mm×250mm cabinet weight:2kg

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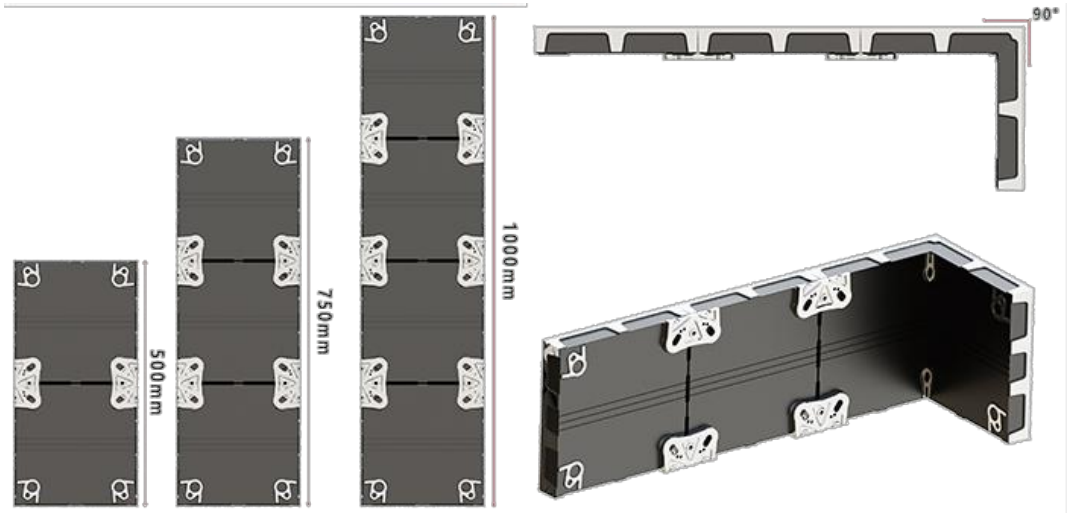
Flexible Installations

Thanks to the excellent cabinet structure design, the installation method is flexible, and the screen can fit well into different projects.

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Alternative cabinet size options

The FA3 LED display cabinet is available in two sizes: 1,000mm (39.4’’) x 250mm (9.8’’) or 250mm (9.8’’) x 250mm (9.8’’). This world’s smallest cabinet size provides flexibility when selecting your final LED display size. The FA3 LED display cabinets can be assembled at seamless 90˚ angles.



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Advanced Visual Performance

Gold aspect ratio: 4:3/16:9

Customized resolution: 1080p, 2K, 4K, 8K, etc.

Wide Viewing Angle: up to 160°

They’re achieved by an industry setting display refresh rate of 3,840Hz combined with a Grey Scale performance that reaches 24bits luminance intensity.

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Multiple Functions

This indoor LED panel is usually be used for:

- Fashion shop;
- Meeting room video wall;
- Church digital screen;
- Indoor advertising;
- Airport, etc.



FA3 Parameters

Item	P1.9	P2.6	P2.9	P3.9
Pixel Pitch	1.953mm	2.604mm	2.976mm	3.906mm
LED Type	SMD1515/ SMD1415(outdoor)	SMD1515 / SMD1415(outdoor)	SMD2020 / SMD1415(outdoor)	SMD2020 / SMD1921(outdoor)
Module Resolution	128dots x128dots	96dots x 96dots	84dots x 84dots	64dots x 64dots
Driving Mode	1/32scan	1/32scan	1/28scan	1/16scan
Module Pixels	1,6384dots	9,216dots	7,056dots	4,096dots
Module Size	250mm x 250mm	250mm x 250mm	250mm x 250mm	250mm x 250mm
Cabinet Size	1000mm x 250mm or 250mm x 250mm	1000mm x 250mm or 250mm x 250mm	1000mm x 250mm or 250mm x 250mm	1000mm x 250mm or 250mm x 250mm
Cabinet Resolution	512dotsx 128dots or 128dotsx 128dots	384dotsx 96dots or 96dotsx 96dots	336dotsx 84dots or 84dotsx 84dots	256dotsx 64dots or 64dotsx 64dots
Pixel Density	262,144dots/㎡	147,456dots/㎡	112,896dots/㎡	65,536dots/㎡
Minimum Viewing Distance	≥1.9 m	≥2.6 m	⩾2.9 m	≥3.9m
Brightness	800nits～1,200nits / 2,000nits	800nits～1,200nits / 2,000nits	800nits～1,200nits / 2,000nits	800nits～1,200nits / 2,000nits
IP Grade	IP43	IP43	IP43	IP43
Refresh Rate	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
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	210W/ ㎡	210W/ ㎡	210W/ ㎡	210W/ ㎡
Average Power Consumption	60W/ ㎡	60W/ ㎡	60W/ ㎡	60W/ ㎡
Input Voltage	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℃
Operating Humidity	10%～90%	10%～90%	10%～90%	10%～90%
Cabinet Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Cabinet Weight	5.5kg/panel or 2kg/panel	5.5kg/panel or 2kg/panel	5.5kg/panel or 2kg/panel	5.5kg/panel or 2kg/panel
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.