

FA3 Max Series

Indoor Fine Pitch LED Display



Cost-Effective



Front Access



Thin Screen



Easy Maintenance



Die-Casting Aluminum



Quick Installation



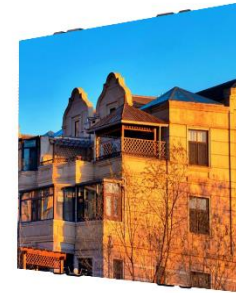
3840Hz ~ 7680Hz

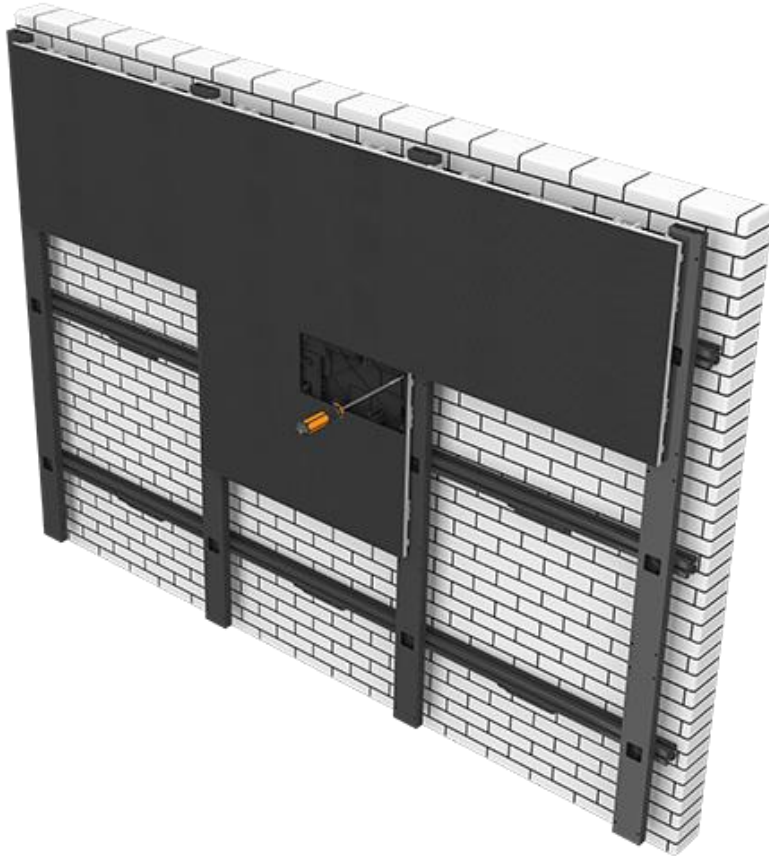


14bits ~ 22bits

The design utilizes Die-Casting Aluminum with flexible panel sizes of 1000mm x 500mm, 500mm x500mm,1000mm x 250mm, 750mm x250mm, 500mm x250mm

The increasing demands of customers for LED displays have led to the development of a wide range of cabinets that cater to market needs. In comparison to traditional bulky cabinets, the die-casting aluminum cabinet with its humanized design offers enhanced strength, lightweight construction, and precision. This LED panel has garnered high praise for delivering an exceptional user experience. It is available in various pixel pitches including SMD P1.5, P1.9, P2.5, P2.6, P2.9, P3.9 and P4.8 sizes while offering options such as 1000mm x 500mm, 500mm x500mm,1000mm x 250mm, 750mm x250mm, 500mm x250mm.





Fully Front Access Service

The design of this LED screen is characterized by its unique composition, consisting of cabinets, modules, power supplies, and other components. These components are all incorporated in a front service design that is easy to maintain. Whether it involves installation or disassembly, these tasks can be effortlessly accomplished, significantly reducing the complexity associated with usage and maintenance.



Various installation is available

Our FA3 Max series boasts a lightweight and slim design, allowing for versatile mounting options such as wall or ceiling hanging. With its exceptional cabinet structure design, our screens are suitable for a wide range of installation scenarios including airports, hotels, shopping malls and more.

High Refresh Rate 3840Hz to 7680Hz

The high refresh rate ensures the smoothness of each frame in the image, effectively preventing flickering on the LED display when captured by a high-frequency camera. Additionally, it guarantees image stability without any flicker or drag caused by rapid image switching, thereby enhancing image quality.



Seamless Connection

The high precision CNC fabrication and cabinet accuracy of 0.05mm ensure a seamless assembly process. Additionally, the signal cables and power cables are internally integrated into the cabinets, enhancing the stability of the LED screen.





160°

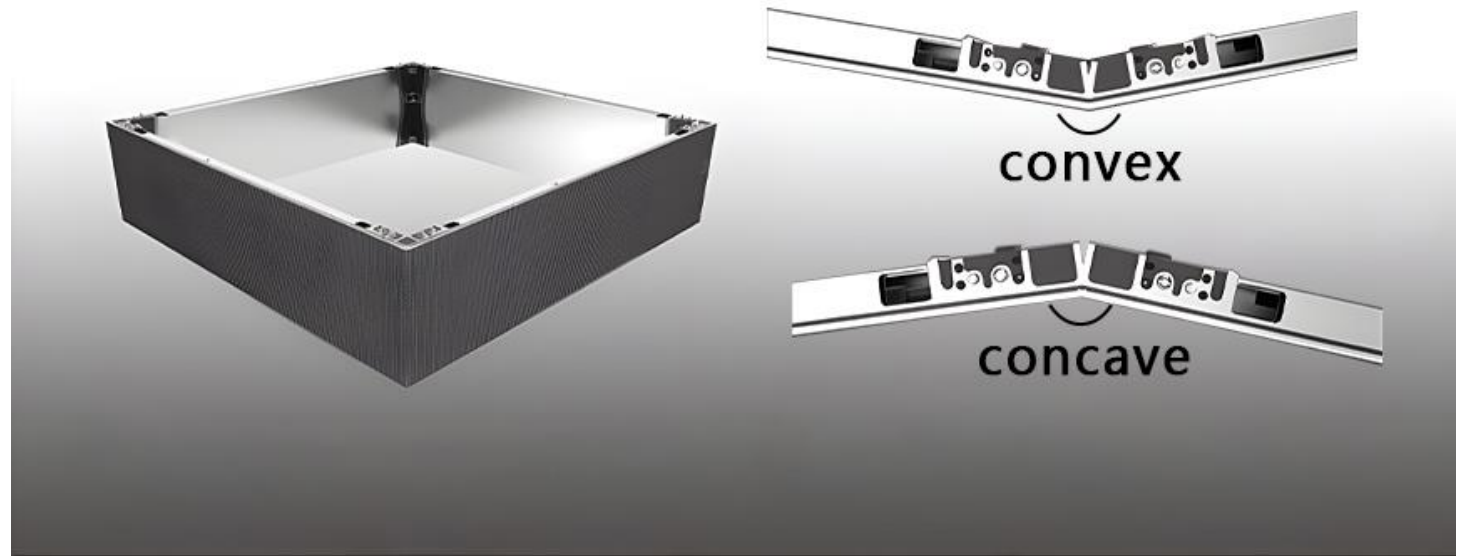
Large Viewing Angle

The smoothness of the LED screen's surface is truly remarkable, giving people a sensation as if they were touching the texture of future technology. Moreover, its wide horizontal and vertical viewing angles of up to 160° allow more viewers to fully immerse themselves in its captivating visual display. Regardless of the angle from which it is viewed, one can experience its breathtaking visual effects.

Installation-various shaps

Flexible in different shapes installation:

- 90 degree installation with cutted panel
- Concave and Convex installation possible



Excellent Visual Effect

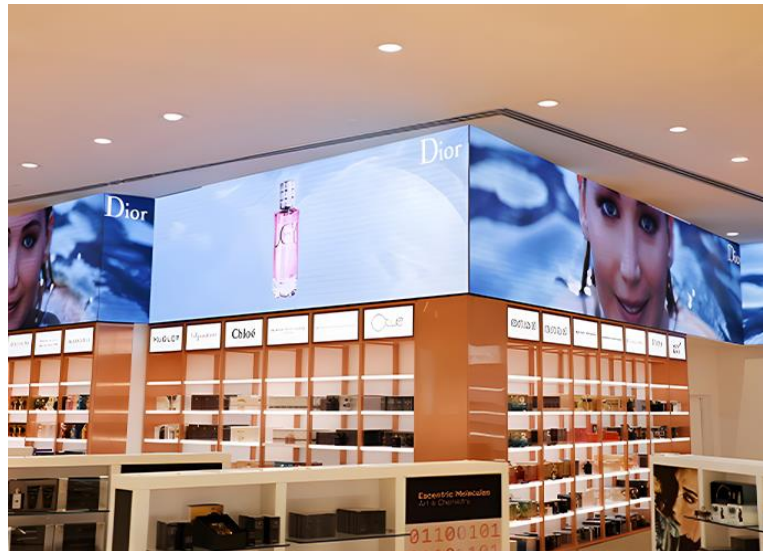
The visuals of these images and videos are absolutely stunning. Our FA3 Max series delivers exceptional visual performance thanks to high-quality black LED technology, surpassing a color contrast ratio of 10,000:1 for an incredibly immersive experience.

Equipped with advanced HDR technology and cutting-edge color enhancement technology, the screen achieves impeccable white balance and covers 100% sRGB for breathtakingly captivating visuals. Even in brightly lit environments, the screen continues to display clear and flawless visual effects.



Multiple Functions

The high-precision screen is perfect for various installation environments, and it has gained customer praise for its reliable performance and high-quality image effects, even earning a five-star rating. This is not only due to its dependable performance but also its stability in diverse environments.



Item	P1.5	P1.9	P2.5	P2.6
Pixel Pitch	1.5625mm	1.953mm	2.5mm	2.604mm
LED Type	SMD1212	SMD1515	SMD1515	SMD1515
Module Resolution	160dots x160dots	128dots x128dots	100dots x 100dots	96dots x 96dots
Driving Mode	1/64scan	1/52scan	1/43scan	1/40scan
Module Pixels	1,6384dots	1,6384dots	9,216dots	9,216dots
Module Size	250mm x 250mm	250mm x 250mm	250mm x 250mm	250mm x 250mm
Cabinet Size	1000mm x 500mm / 500mm x 500mm 1000 x 250mm / 750 x 250mm / 500 x 250mm	1000mm x 500mm / 500mm x 500mm 1000 x 250mm / 750 x 250mm / 500 x 250mm	1000mm x 500mm / 500mm x 500mm 1000 x 250mm / 750 x 250mm / 500 x 250mm	1000mm x 500mm / 500mm x 500mm 1000 x 250mm / 750 x 250mm / 500 x 250mm
Cabinet Resolution	640dots x 320dots or 320dots x 320dots or 640dotsx 160dots or 480dots x 160dots or 320dots x 160dots	512dots x 256dots or 256dots x 256dots or 512dots x 128dots or 384dots x 128dots or 256dots x 128dots	400dots x 200dots or 200dots x 200dots or 400dots x 100dots or 300dots x 100dots or 200dots x 100dots	384dots x 192dots or 192dots x 192dots or 384dots x 96dots or 288dots x 96dots or 192dots x 96dots
Pixel Density	262,144dots/m²	262,144dots/m²	147,456dots/m²	147,456dots/m²
Minimum Viewing Distance	1.5 m	1.9 m	2.5 m	2.6 m
Brightness	800nits ~ 1,000nits	800nits ~ 1,000nits	800nits ~ 1,200nits	800nits ~ 1,200nits
IP Grade	IP43	IP43	IP43	IP43
Refresh Rate	3,840Hz - 7680Hz	3,840Hz - 7680Hz	3,840Hz - 7680Hz	3,840Hz - 7680Hz
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	410W/ m²	410W/ m²	410W/ m²	410W/ m²
Average Power Consumption	120W/ m²	120W/ m²	120W/ m²	120W/ m²
Screen Lifespan	≥100,000 hours	≥100,000 hours	≥100,000 hours	≥100,000 hours
Input Voltage	AC110V - AC220V @ 50Hz/60Hz	AC110V - AC220V @ 50Hz/60Hz	AC110V - AC220V @ 50Hz/60Hz	AC110V - AC220V @ 50Hz/60Hz
Operating Temperature	- 20°C ~ 65°C	- 20°C ~ 65°C	- 20°C ~ 65°C	- 20°C ~ 65°C
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	9kg/panel or 5.6kg/panel or 6kg/panel or 5kg/panel or 3.6kg/panel	9kg/panel or 5.6kg/panel or 6kg/panel or 5kg/panel or 3.6kg/panel	9kg/panel or 5.6kg/panel or 6kg/panel or 5kg/panel or 3.6kg/panel	9kg/panel or 5.6kg/panel or 6kg/panel or 5kg/panel or 3.6kg/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

Item	P2.9	P3.9	P4.8
Pixel Pitch	2.976mm	3.906mm	4.807mm
LED Type	SMD2020	SMD2020	SMD2020
Module Resolution	84dots x 84dots	64dots x 64dots	52dots x 52dots
Driving Mode	1/32scan	1/26scan	1/16scan
Module Pixels	7,056dots	4,096dots	4,096dots
Module Size	250mm x 250mm	250mm x 250mm	250mm x 250mm
Cabinet Size	1000mm x 500mm / 500mm x 500mm 1000 x 250mm / 750 x 250mm / 500 x 250mm	1000mm x 500mm / 500mm x 500mm 1000 x 250mm / 750 x 250mm / 500 x 250mm	1000mm x 500mm / 500mm x 500mm 1000 x 250mm / 750 x 250mm / 500 x 250mm
Cabinet Resolution	336dots x 168dots or 168dots x 168dots 336dots x 84dots or 252dots x 84dots 168dots x 84dots	256dots x 128dots or 128dots x 128dots 192dots x 64dots or 128dots x 64dots 64dots x 64dots	208dots x 104dots or 104dots x 104dots 156dots x 52dots or 104dots x 52dots 52dots x 52dots
Pixel Density	112,896dots/m ²	65,536dots/m ²	65,536dots/m ²
Minimum Viewing Distance	2.9 m	3.9m	4.8m
Brightness	800nits ~ 1,200nits	800nits ~ 1,200nits	800nits ~ 1,200nits
IP Grade	IP43	IP43	IP43
Refresh Rate	3,840Hz - 7680Hz	3,840Hz - 7680Hz	3,840Hz - 7680Hz
Gray Scale	14bits ~ 22bits	14bits ~ 22bits	14bits ~ 22bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	410W/ m ²	410W/ m ²	410W/ m ²
Average Power Consumption	120W/ m ²	120W/ m ²	120W/ m ²
Screen Lifespan	≥100,000 hours	≥100,000 hours	≥100,000 hours
Input Voltage	AC110V - AC220V @ 50Hz/60Hz	AC110V - AC220V @ 50Hz/60Hz	AC110V - AC220V @ 50Hz/60Hz
Operating Temperature	- 20°C ~ 65°C	- 20°C ~ 65°C	- 20°C ~ 65°C
Operating Humidity	10% ~ 90%	10% ~ 90%	10% ~ 90%
Cabinet Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Cabinet Weight	9kg/panel or 5.6kg/panel or 6kg/panel or 5kg/panel or 3.6kg/panel	9kg/panel or 5.6kg/panel or 6kg/panel or 5kg/panel or 3.6kg/panel	9kg/panel or 5.6kg/panel or 6kg/panel or 5kg/panel or 3.6kg/panel
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.