



FA3

The world's smallest Indoor panel

P1.56,P1.95,P2.5,P2.6,P2.9,P3.9



Die-casting Aluminum



Light and Thin



Wide Viewing Angle



Flexible Installations



Excellent Performance



13bits ~ 24bits



1920Hz ~ 3840Hz



Fully Front Access

Product Description

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 P1.56,P1.95,P2.5,P2.6,P2.9,P3.9



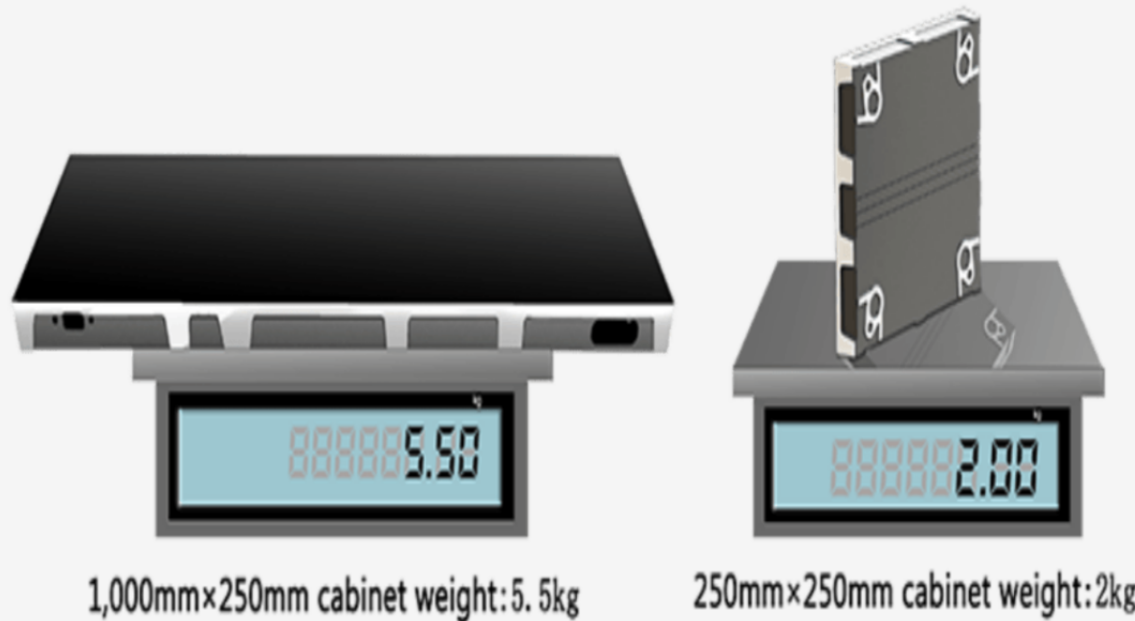
Front Access Design

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.



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 cabinets in the prevailing market, more cost-effective in installation space and steel structure.



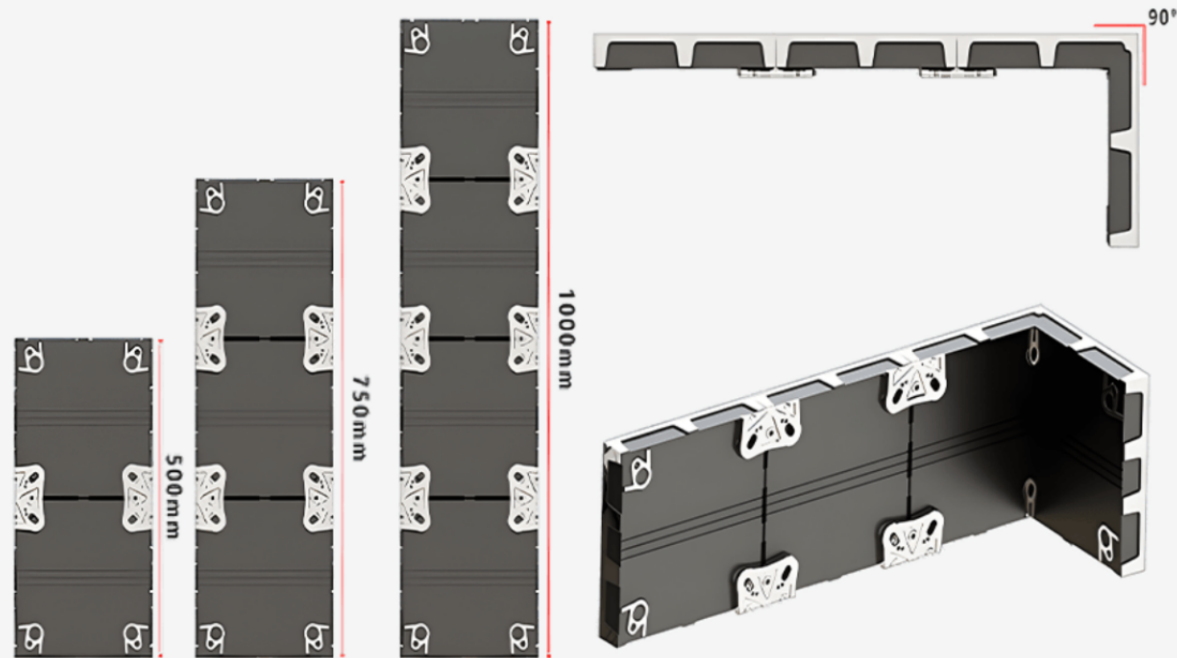
Flexible Installations

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



Alternative cabinet size options

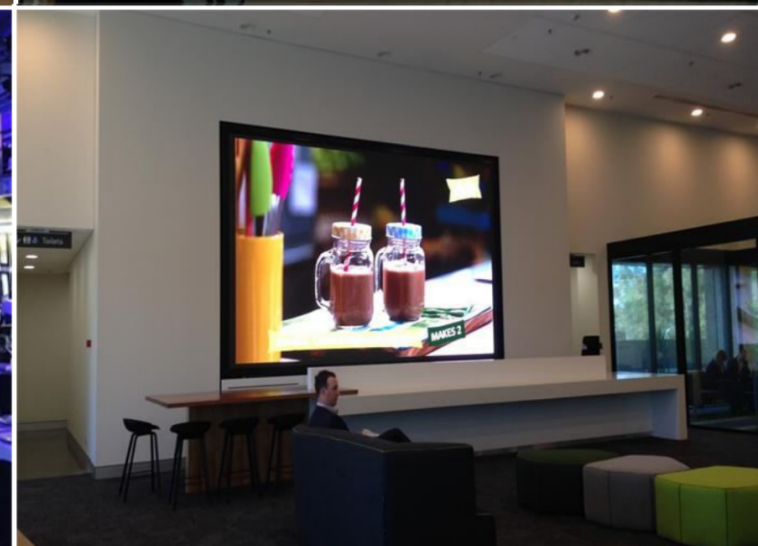
The FA3 LED display cabinet is available in two sizes: 1,000mm (39.4") x 250mm (9.8") or 250mm (9.8") x 250mm (9.8"). This world's smallest cabinet size provides flexibility when selecting your final LED display size. The FA3 LED display cabinets can be assembled at seamless 90° angles.



Application Fields

This indoor LED panel is usually be used for:

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



Parameters						
Item	P1.56	P1.953	P2.5	P2.604	P2.97	P3.91
Pixel Composition(SMD)	SMD1515	SMD1515	SMD1515	SMD2020	SMD2020	SMD2020
Pixel Pitch(mm)	1.56	1.953	2.5	2.604	2.98	3.91
Module Resolution(W×H)	160×160	128×128	100×100	96×96	84×84	64×64
Module Size(mm)	250×250					
Module Weight(kg)	0.5					
Module Qty/Cabinet(W×H)	4×2 / 2×2					
	4×1 / 3×1 / 2×1					
	640×320	512×256	400×200	384×192	336×168	256×128
Cabinet Resolution(W×H)	640×160	512×128	400×100	384×96	336×84	256×64
Cabinet Size(mm)	1000×500×20 / 500×500×20					
	1000×250×20 / 750×250×20 / 500×250×20					
Cabinet Area(m²)	0.5 / 0.25					
	0.25 / 0.1875 / 0.125					
Cabinet Weight(kg/cabinet)	9.6 / 4.8					
	4.8 / 3.6 / 2.4					
Cabinet Material	Aluminium profiles					
Cabinet Density (dot/m²)	409600	250000	160000	147456	112896	65536
IP Rating	IP43					
White Balance Brightness(nits)	600-800nits	600-800nits	600-800nits	600-800nits	600-800nits	600-800nits
Color Processor(bit)	14-16bit	14-16bit	14-16bit	14-16bit	14-16bit	14-16bit
Color Temperature(K)	6500-9000					
Visual Angle(H/V)	140°/140°					
Luminous point centre deviation	<3%					
Luminance uniformity	≥97%					
Chromaticity uniformity	Within ±0.003Cx,Cy					
Contrast Ratio	≥5000:1					
The Max Power Consumption(W/m²)	500	500	500	500	500	500
Average Power Consumption(W/m²)	165	165	165	165	165	165
Input Voltage	AC100~240V					
Frequency(Hz)	50&60					
IC Driving(scan)	1/32	1/32	1月25日	1/32	1月28日	1月16日
Refreshing Ratio(Hz)	3840Hz					
Maintenance Method	Front Service					
Lifespan(hrs)	100,000					
Work Temperature/Humidity	-10℃-50℃/10%RH-98%RH (Non Condensing)					
Storage Temperature/Humidity	-20℃-60℃/10%RH-98%RH(Non Condensing)					