Product Specification

Datasheet



AV-INDOOR S SERIES

Product Version：V2.0

Date：20240821

Declaration

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Product Description

indoor S series product, standard 500x500mm, 500mm*1000mm cabinet size. Chip one driving IC, refresh rate reach to 3840Hz. Cabinet adopts curve fast locks, can realize the arc splicing effect of 5-10 degrees of internal radian and 5 degrees of external radian.Stable cabinet structure, no deformation, the contact surface between cabinet is treated by anodic oxidation, which is resistant to collision and friction, satisfying multiple installation and disassembly in rental events.

1.1 Application Scope

This technical specification is only applicable to indoor S series product. Module size:250mm*250mm and supporting die-casting aluminum cabinet .

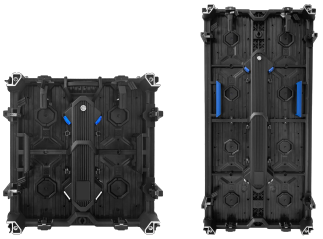
1.2 Product Features

- Module size:250mm*250mm, compatible pitch: S1.95 S2.60, S2.97, S3.91;
- 500mm*500mm, 500mm*1000mm cabinet, stable die-casting alloy structure, not easy to deform;
- Cableless and pluggable power supply, easy to change;
- Intelligent cabinet handle lock, single operation design, time-saving and labor-saving;
- Foldable all-around corner protectors, effectively protect the edge leds and modules.
- Adopt high end big chip pure black LEDs, ultra-high contrast, high grey scale and high refresh rate；
- Curved function cabinet option, no need curved lock, can realize arc/ special-shaped, suitable for different rental events.

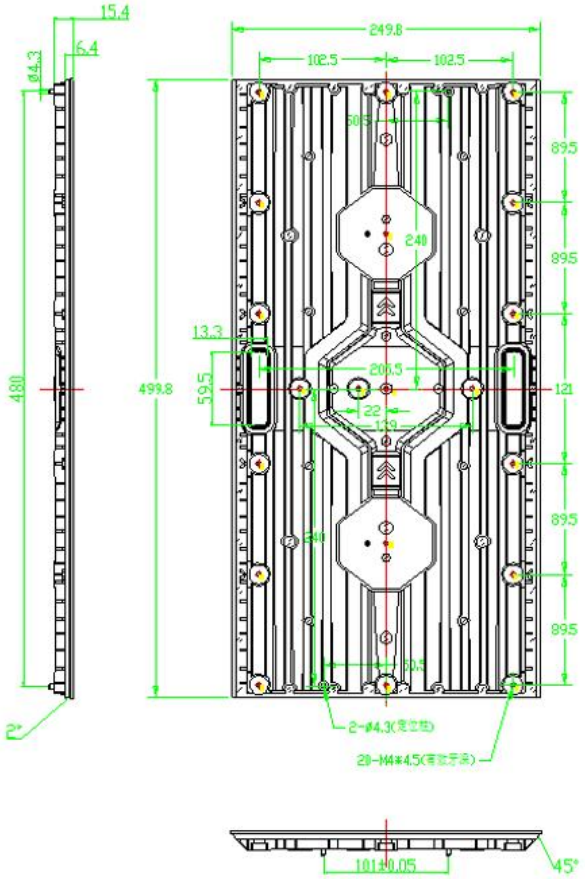
2. 250mmx500mm Module Specification

Item	Specification	Module Picture
Series	S Series Module	
Material	Plastic	
Pixel Pitch	1.95mm,2.60mm,2.97mm,3.91mm	
Resolution	128*256,96*192,84*168,64*128(W*H)dot	
Module Size	250*500(W*H)mm	
Module Weight	1.2kg	

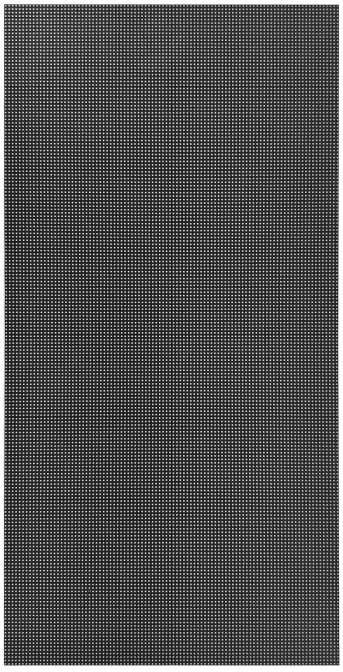
3. 500mmx500mm/500mmx1000mm Cabinet Specification

Item	Specification	Cabinet Picture
Series	S Series Cabinet	
Material	Die-casting aluminum	
Pixel Pitch	1.95mm,2.60mm,2.97mm,3.91mm	
Resolution	256*256,192*192,168*168,128*128/ 256*512,192*384,168*336,128*256(W*H)dot	
Cabinet Size	500*500*82,500*1000*82(W*H*D)mm	
Cabinet Weight	7.36kg/11.85kg	

odule Dimension Structure



5. Module Picture

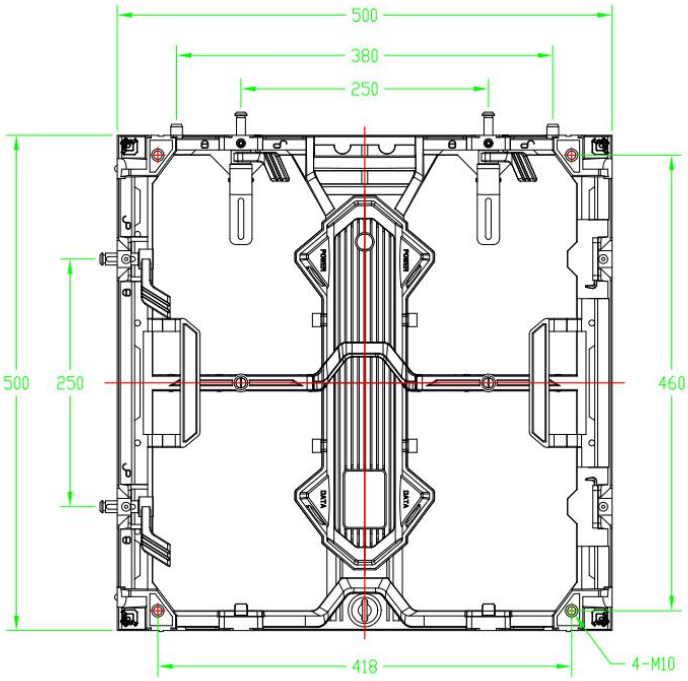


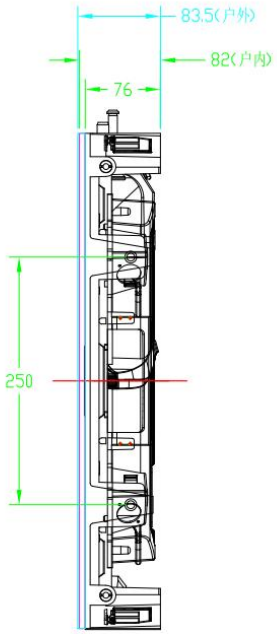
Front View

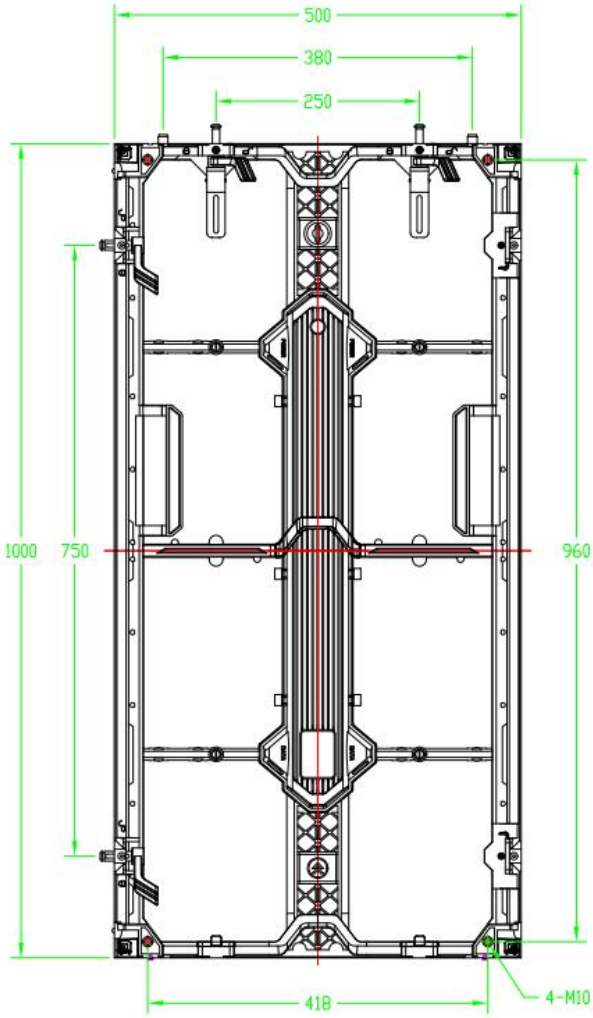


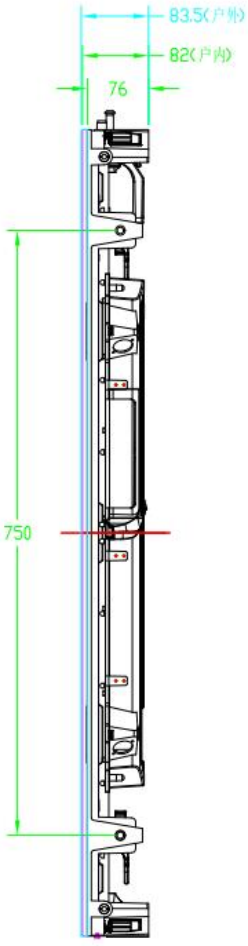
Back view

abinet Dimension Picture

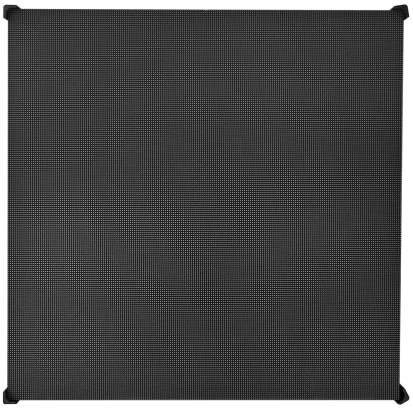








abinet Picture



Front View



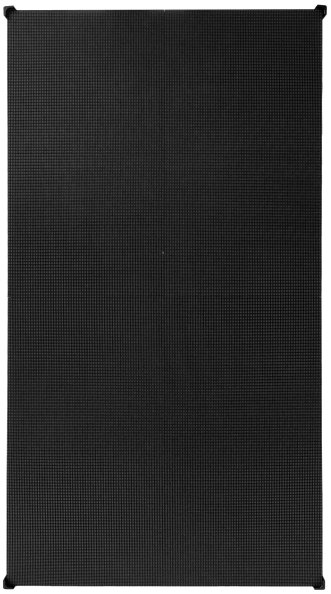
Back View



Front Side View



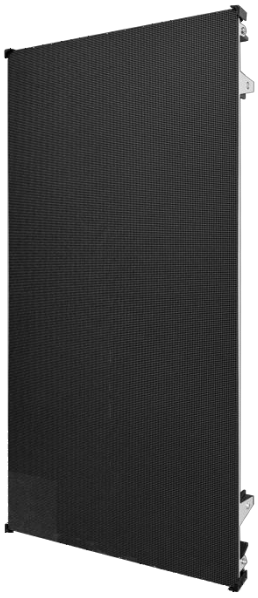
Back Side View



Front view



Back view



Front side view

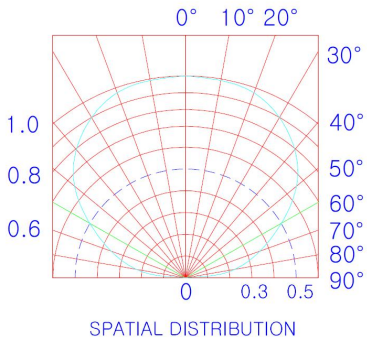


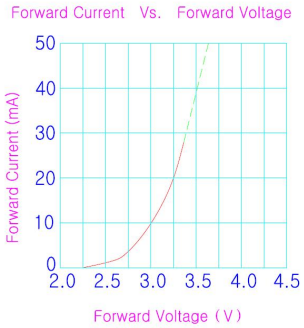
Back side view

echnical Parameter

Item	Type	S1.95	S2.60	S2.97	S3.91
Module Parameter	**Pixel Pitch (mm)**	1.95	2.6	2.97	3.91
	Pixel Structure	SMD 1R1G1B			
	Pixel Density(dot/㎡)	262,144	147,456	112,896	65,536
	Module Size(W*H)(mm)	250*500			
	Backshell Material	Plastic			
	Module Resolution(W*H)(dot)	128*256	96*192	84*168	64*128
	Maximum Current(A)	12			
	Supply Voltage(V)	DC4.2			
	Scanning Method	1/32	1/32	1/28	1/32
	Refresh Frequency(Hz)	≥3840			
	Illumination(cd/㎡)	700			
	Driver IC	Constant Current Drive			
	Contrast Ratio	≥5000:1			
Cabinet Parameter	**Cabinet Size(W*H*D)(mm)**	500*500*82.5/ 500*1000*82.5			
	Cabinet Material	Die Casting Aluminum			
	Cabinet Weight(kg)	7.36 / 11.85			
	Enclosure Connection Method	Quick Lock			
	Installation/Maintenance Methods	Front or Back Installation/Front or back Maintenance			
	Color Temperature /Luminance Uniformity	3200-12000K Adjustable；≥98%			
	Chromatic Uniformity	±0.003Cx, Cy			
	Horizontal/Vertical View	≥140°/≥120°			
	Single-point Color Correction	Yes			
	Single Point Brightness Correction	Yes			
	Standard Receiver Card	A5S PLUS			
	Frame Rate(Hz)	50/60			
	Protection Level	IP30			
	Signal Interface Mode	RJ45			
	Power Interface Method	Customized Interface			
	Input Voltage Range AC(V)	100-240			
	Peak Power Consumption(W/㎡)	≤460			
	Average Power Consumption(W/㎡)	≤200			
	Working Temperature and Humidity Range	-20℃～+50℃,10%～95%RH			
	Storage Temperature and Humidity Range	-40～+70℃,10%～95%RH			
	Service Life(H)	≥100000			
	Mean Time Between Failure(H)	≥10000			

ptical Feature

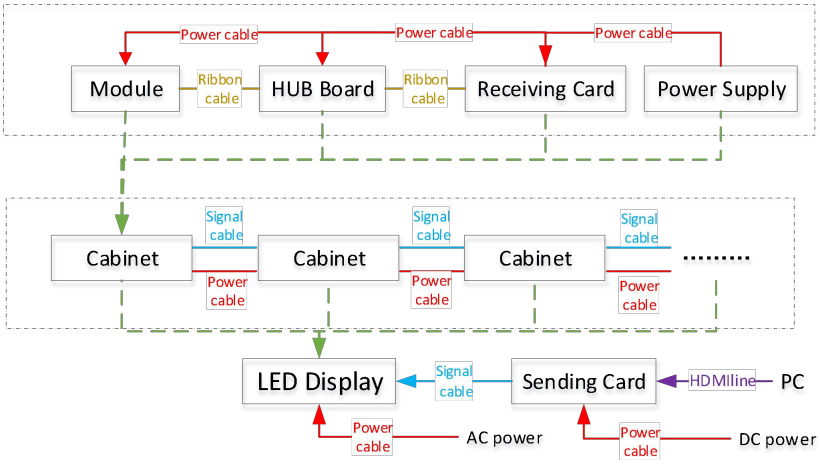




Luminous Diagram

Voltage-current Curve of Lamp

10. Connecting Diagram



11. Packing and After-sale Service

11.1 Packing

Plywood case/Honeycomb carton/Flight case option



11.2 After-sale Service

If need any help during using display, please for free to contact your salesma