

Product Specification



INDOOR V X-COB SERIES

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1. Product Description

Indoor VX-COB Series Product.

Standard module:250*250mm ,Use a die-cast aluminum cabinet Support cabinet size: 1000*500mm/1000*250mm/size1000*500mm/1000*250mm/500*500mm/500*250mm/250*500 mm.Module adopts COB packaging technology, which effectively improves the reliability of LED display,luminous color, protective performance, surface light, delicate and soft display, and better visual effect.

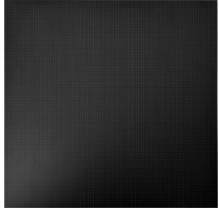
1.1 Application Scope

This technical specification is only applicable to indoor VX-COB series product. Module size:250*250mm and its supporting die cast aluminum cabinet: 1000/500/250mm mix.

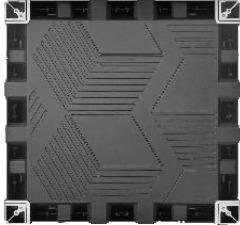
1.2 Product Features

- Module size:250*250mm, compatible pitch:1.25/1.56/1.95/2.6mm,matching COB technology, effectively improve the small pitch display products waterproof, dustproof, anti-touch, anti-bump, to meeting the needs of different fixed display
- Cabinet size:1000*500mm/1000*250mm/500*500mm/500*250mm/250*500mm ,Support 90 °led screen,cube led screen
- Module no plastic housing , wire design, high precision, high stability, beautiful interior, convenient module assembly, high surface flatness of the screen; quick installation and easy maintenance
- Support double backup of power supply and control system
- Front and rear installation,front service, saving space and cost,supports different sizes of cabinets mixed

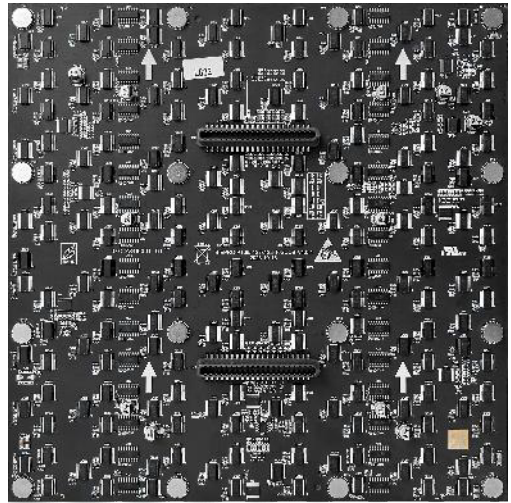
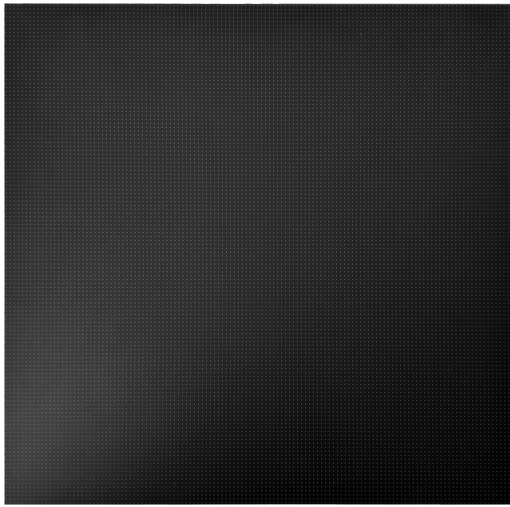
2. 250mmx250mm Module Specification

Item	Specification	Module Picture
Series	VX Series Module	
Pixel Pitch	1.25/1.56/1.95/2.6mm	
Resolution	200x200, 160x160,128x128, 96x96	
Module Size	250mm*250mm (W x H)	
Material	No housing	

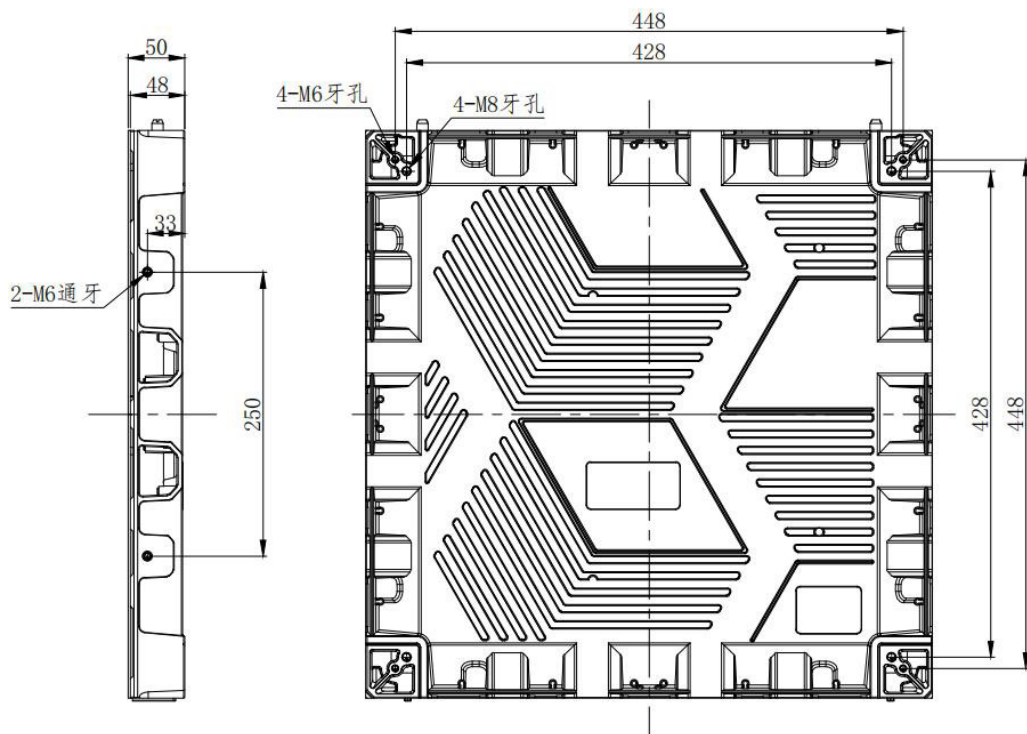
3.500mm*500mm Cabinet Specification

Item	Specification	Cabinet Picture
Series	VX Series Cabinet	
Material	Die-casting Aluminum Cabinet	
Pitch	1.25/1.56/1.95/2.6mm	
Resolution	400*400,320*320,256*256,192*192	
Cabinet Size	500mm*500mm (W x H)	
Cabinet Weight	6.5±0.1kg	

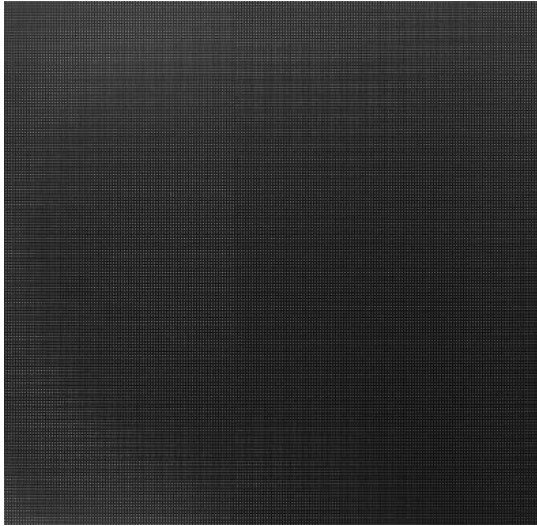
4. Module Picture



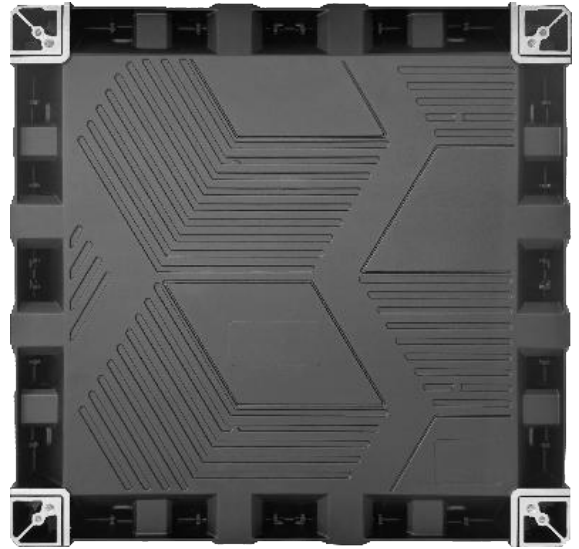
5. Cabinet Dimension Structure



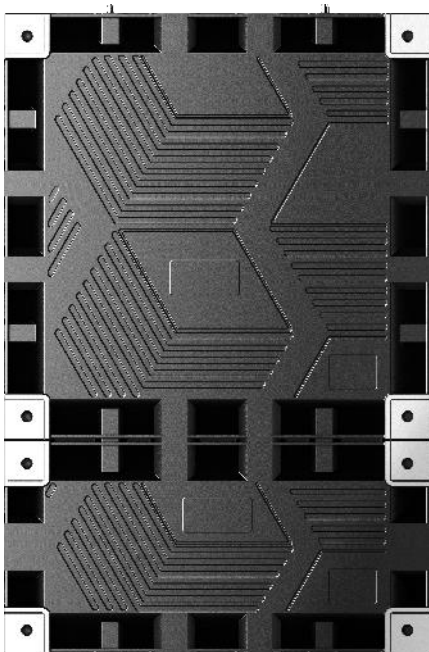
6. Cabinet Picture



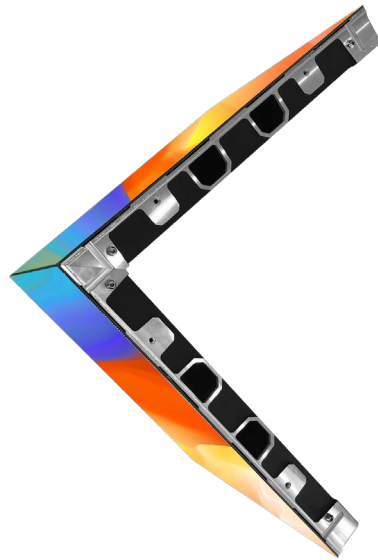
Front View



Back View



Multi sizes mixed

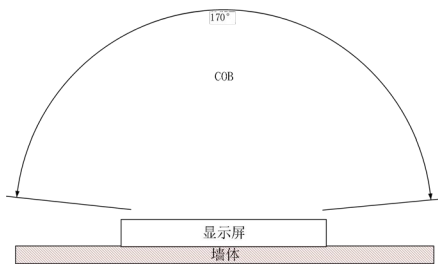


90° led screen

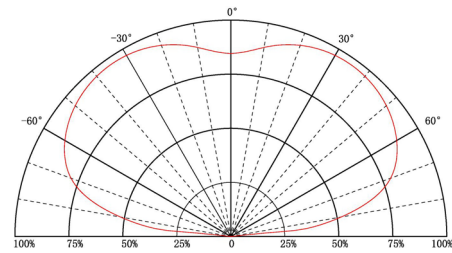
7. Technical Parameter

Item		VX1.25	VX1.56	VX1.95	VX1.95
Technical	Pixel Pitch (mm)	1.25	1.5625	1.953	1.953
	LED Configuration	COB1R1G1B	COB1R1G1B	COB1R1G1B	COB1R1G1B
	Physical Density (dot/m ²)	640000	409600	262144	262144
	Module Size (W ×H ×D) mm	250*250	250*250	250*250	250*250
	Module Resolution (W ×H)	200*200	160*160	128*128	128*128
	Cabinet Size (W ×H ×D) mm	500*500*51	500*500*51	500*500*51	500*500*51
	Cabinet Resolution (W ×H)	400*400	320*320	256*256	256*256
	Cabinet Material	Die Casting Aluminum			
	Scanning Mode	1/50	1/40	1/64	1/16
	Cabinet Flatness (mm)	≤0.10			
	Grey Scale (Bit)	14Bit			
	Protection Level	IP65			
	Installation/Service Method	Front or back installation/Front service			
Optical	Brightness (cd/m ²)	500-700cd/m ²			2000cd/m ²
	Color Temperature	3200-9300K adjustable			
	Brightness Uniformity	≥98%			
	Color Uniformity	Within 0.003 Cx, Cy			
	Horizontal/Vertical View Angle	≥170°			
	Contrast Ratio	≥10000:1			
	Color Calibration of Single Dot	Yes			
	Brightness Calibration of Single Dot	Yes			
Operatio	Drive Mode	Constant Current Drive			
	Module Input Voltage DC	4.2V			
	Module Max Current DC	6A			
	Standard Receiving Card	A8S-N	A8S-N	A8S-N	A8S-N
	Refresh Frame Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
	Max Refresh Rate	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz
	Input Voltage AC	110-220V	110-220V	110-220V	110-220V
	Cabinet Max Power Consumption	≤460W/m ²	≤460W/m ²	≤460W/m ²	≤460W/m ²
	Cabinet Aver. Power Consumption	≤210W/m ²	≤210W/m ²	≤210W/m ²	≤210W/m ²
	Working Temperature	-20°C ~ +45°C			
Working Humidity	10% ~ 95%RH				

8.1 Optical Feature

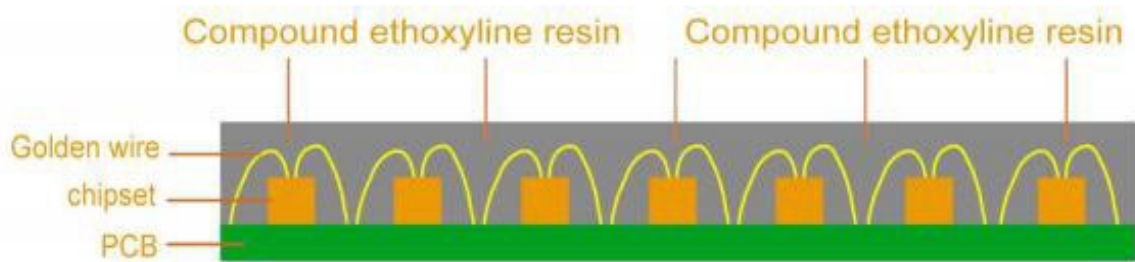


Luminous Diagram

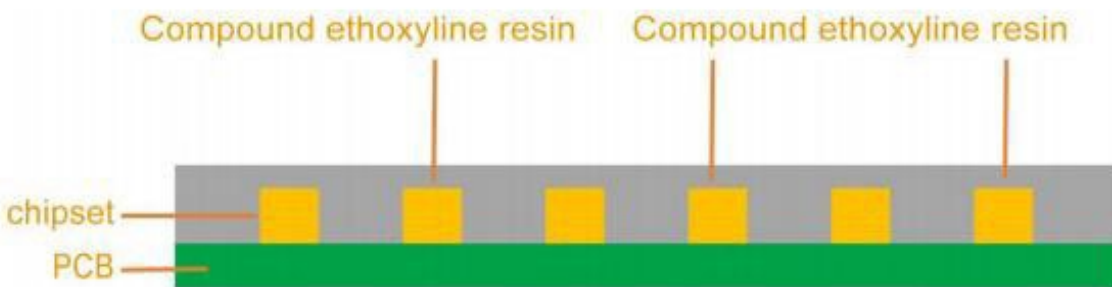


Voltage-current Curve of Lamp

8.2 Package Comparison

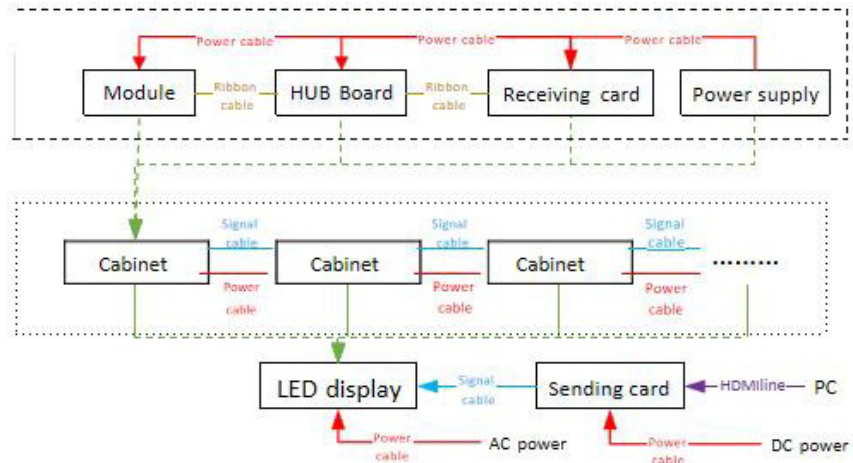


COB (regular technology)



Flip Chip COB

9. Connecting Diagram



10. Packing and After-sale Service

10.1 Packing

Plywood case/Honeycomb carton/Flight case option



10.2 After-sale Service

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