

VM Series Fine-Pitch LED Display

4: 3Series



Aspect Ratio



Fully front serviceability,
convenient installation and maintenance.



Excellent heat dissipation performance



Reliable backup technology



No-wiring design, more concise and elegant



Silent design for the cabinet

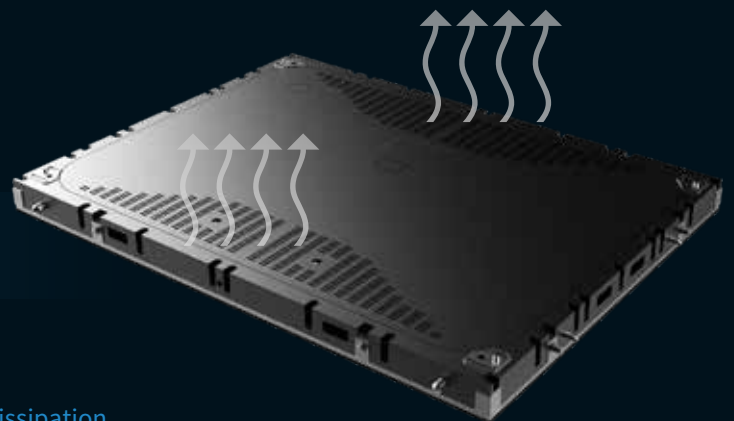
CONVENIENT INSTALLATION AND MAINTENANCE

- The cabinet structure is simple, it supports front installation and maintenance of indoor modules, control cards and power supplies through magnetic adsorption mode.
 - It features a high-precision alignment design with built-in positioning pins, ensuring accurate and seamless assembly of large displays with high flatness.
- The connection between the cabinet and the back frame adopts a hanging-mounted limit design, making it easy to secure.



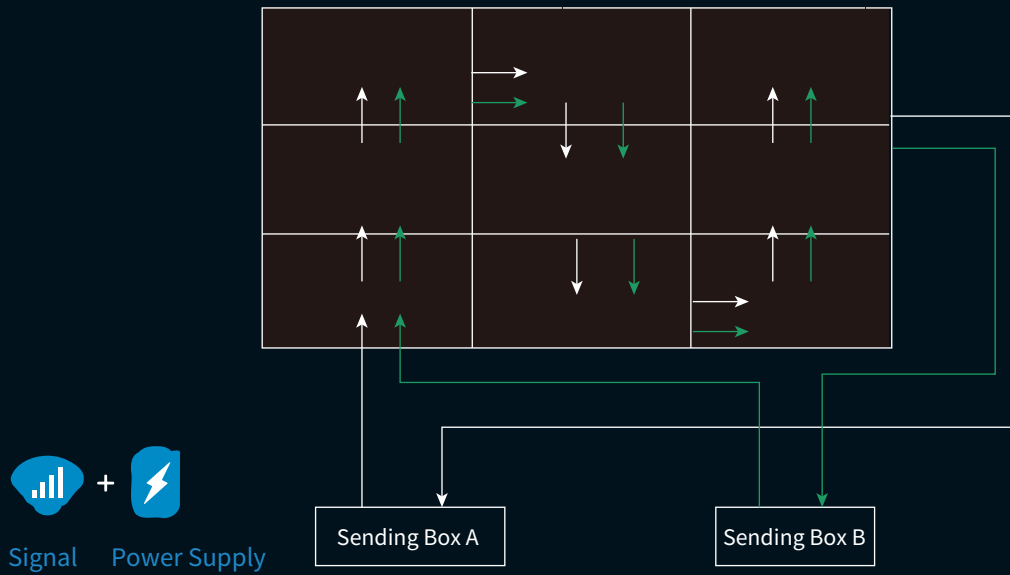
SILENT HEAT DISSIPATION

- Great heat dissipation performance of VM series:
The main metal body design provides excellent heat dissipation.
It features a fanless die-cast aluminum design and special heat dissipation devices, ensuring efficient and silent heat dissipation process.



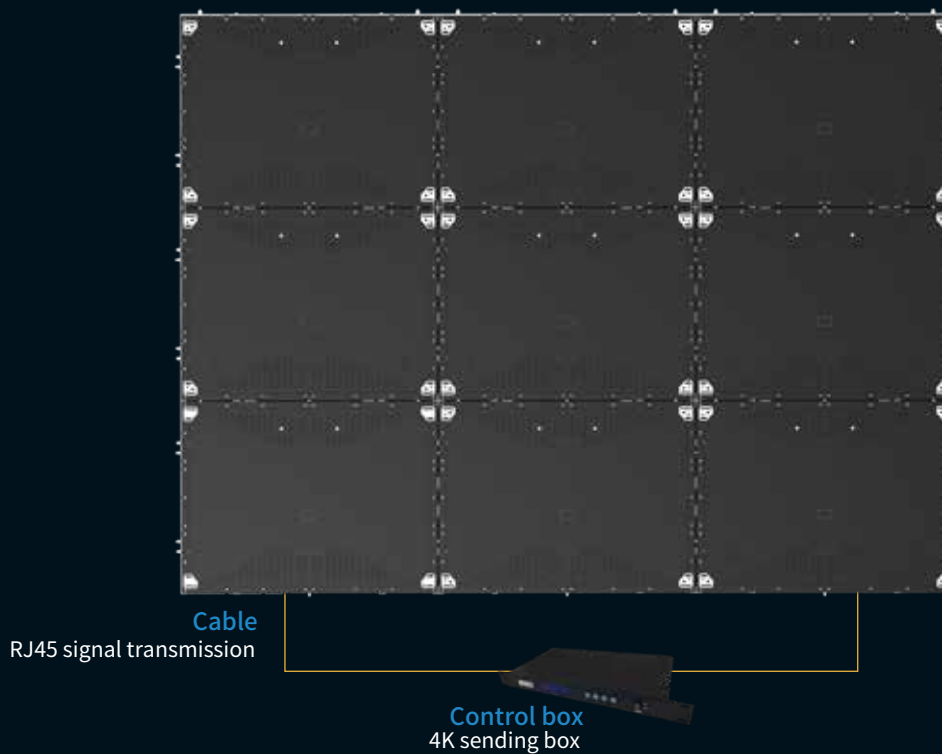
DOUBLE BACKUP TECHNOLOGY (OPTIONAL)

- Supports dual power supplies, dual receiving cards, and signal loop backup, providing reliable backup for major events.



NO-WIRING DESIGN

- Adopts a signal internal wiring method, which makes the installation site neat and orderly, providing a visual enjoyment.



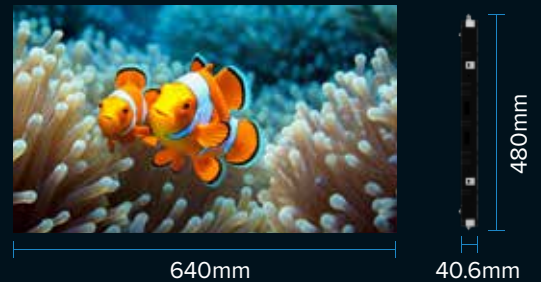
APPLICATIONS



Corporate lobbies, conference rooms, broadcasting, shopping malls, exhibition halls, etc.

TECHNICAL PARAMETERS

Module Dimension
640mmx480mmx40.6mm



Model	VM1.53	VM1.86	VM2.0	VM2.5	VM4.0
Pixel Pitch	1.53mm	1.86mm	2mm	2.5mm	4mm
Pixel Composition	1R1G1B				
LED	SMD				
Module Dimension(W×H)	320mm×160mm				
Cabinet Dimension(W×H×D)	640mm×480mm×40.6mm				
Material	Die-casting Aluminum				
Weight	≈5.7kg				
Serviceability	Front				
Installation	Front-fixed installation				
IP Rating	IP20				
Brightness	≤600nits				
View Angle (H/V)	140°/140°				
Gray Scale	12~16bit (Adjustable)				
Refresh Rate	≥3840Hz/≥1920Hz				
Frame Frequency	50/60fps				
Brightness Level	0~100% (Manual/Auto/Timing)				
Color Temperature	3000~9500K (Adjustable)				
Input Voltage	100~240V AC				
Max Power Consumption	360W/m ²	360W/m ²	360W/m ²	360W/m ²	360W/m ²
Average Power Consumption	90W/m ²	90W/m ²	90W/m ²	90W/m ²	90W/m ²
Working Temperature	-10°C ~ +40°C±10%				
Working Humidity	10%~80% RH±10%				
Storage Temperature	-40°C ~ +60°C±10%				
Storage Humidity	10%~60% RH±10%				

* The above parameters are typical values and can be adjusted according to the actual requirements of the project.