

F Series FCM_{MIP}



MIP usually refers to "Memory-in-Pixel" technology. This is a pixel design that integrates memory, allowing the driver's circuit and memory to be combined within each pixel, thereby improving the performance and the image's quality of the display.

Product Features:

Mini MIP

The common cathode driving scheme is more energy-efficient, with a refresh rate exceeding 7680Hz.

Ultimate Display Featuring

With 1300 cd/m² brightness, DCI-P3 95color gamut, 20000:1 contrast ratio, and 22-bit native grayscale.

All-in-One Conference System

Supports wireless screen mirroring on multiple platform terminals, app installation. Features projection, drawing, entertainment, and web conferencing functions.

Superior Protection

With a high waterproof rating of up to IP45. Front-maintenance installation method for easy setup and seamless splicing, creating a cool screen experience.

Applications:

Widely used in private theaters, lecture halls, conference rooms, music halls, XR virtual filming, data centers, and other scenarios.

Main Technical Specifications:

Classification	Name	Demand
Technical parameter	Pixel Pitch (mm)	FCM-P0.9375
	Pixel Density (pixels/m²)	1,137,778
	LED type	Mip- 0303(0.3mm*0.3mm)
	Module qty/ Cabinet qty (pcs)	8/1
	Module Size (mm)	150*168.75
	Module Composition	1R1G1B
	Module Flatness (mm)	≤0.05
	Refresh Rate (Hz)	7680
	Frame Rate (Hz)	60
	Gray Level	22
	Cabinet Material	Die-cast aluminum
	Cabinet Weight (KG/PCS)	4.4±10%
	Cabinet Size (mm)	600*337.5
	Cabinet Thickness (mm)	≤23
	Cabinet Resolution (Pixel)	640*360
	IP Rate	IP45
	Maintenance Mode	Front maintenance
	Signal Source	HDMI,DP,DVI,etc
Optical characteristic	Brightness (nits)	1300
	Color Temperature (K)	9500
	View Angle	≥160°
	Contrast Ratio	20000:1
Electrical parameter	Outpot Voltage (V)	5
	Reliability Testing	+85°C(85%RH)/-20°C, electrical performance normal after 72 hours of testing.
	Maximum Power Consumption (W/ m²)	400
	Average Power Consumption (W/ m²)	200
	Module supply voltage DC (V)	2.8
	Module maximum power consumption (W/PCS)	6.25 ± 10%

Main Technical Specifications:

Usage parameter	Typical LED Lifetime (H)	100000
	Working Temperature (°C)	-20°C ~ +80°C
	Working humidity	10% ~ 90%RH
	Storage Temperature (°C)	25±3
	Signal Interface Mode	AV, S-Video, VGA, DVI, HDMI, SDI, YPbPr
	Operating system	Microsoft
	Receiving card	Nova/Colorlight
	Control distance	CAT5 line: < 100m; Single-mode optical fiber: < 10km
	Cabinet connection Method	Quick lock

Product Size:

