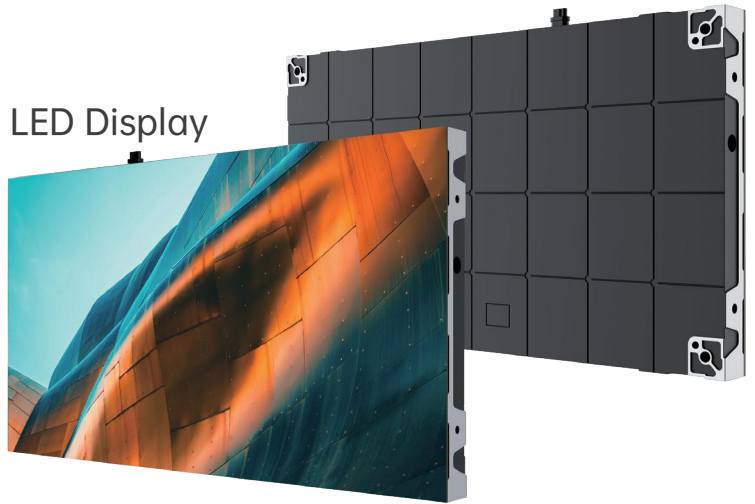




THE LEADER AND CREATOR OF FLIP CHIP DISPLAY PANEL

FI MC Series

Ultra HD, Ultra-thin Indoor Fine Pixel Pitch LED Display



PRODUCT OVERVIEW

The FI MC Series is an ultra-high-definition product targeting the fine-pitch LED display market. It is mainly used in various control fields such as security monitoring, command dispatch, video conferencing, and broadcasting for high-quality display applications.



High Compatibility



Fully Front Maintenance



SMD/GOB/MIP Optional

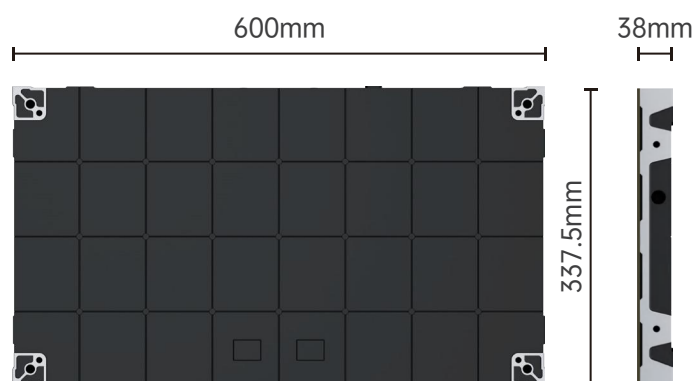
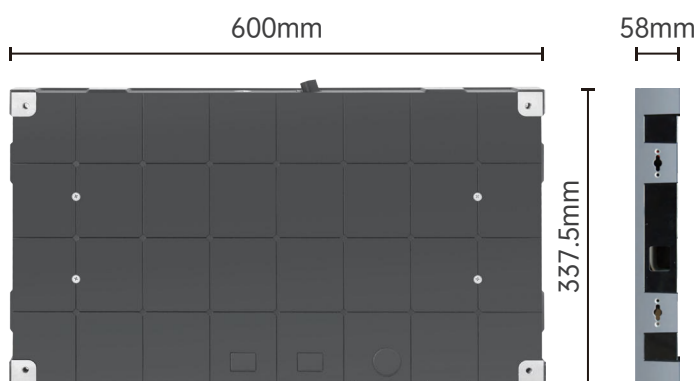


Redundant

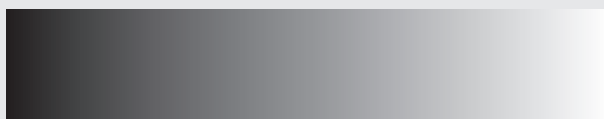
PRODUCT DISPLAY

Regular: 600*337.5*58

Ultra Thin: 600*337.5*38



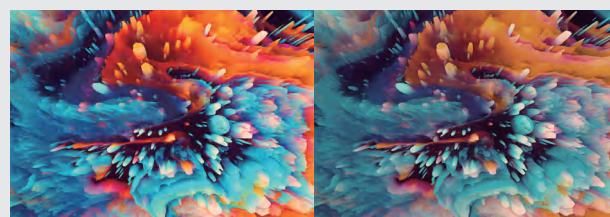
PRODUCT FEATURES



Magic Cube Series: Low brightness, high gray scale



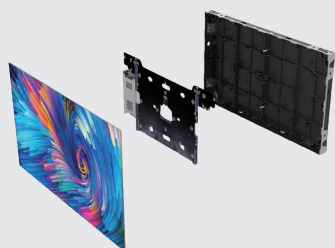
Traditional Displays: Low gray scale, poor performance



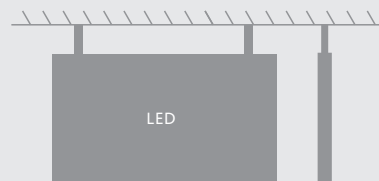
Magic Cube Series

Traditional Displays

MIP Low Power Consumption: Advanced full flip-chip common cathode circuit design realizes low power consumption and energy saving. Special image arithmetic processing, enjoying the depth contrast of 16-bit high grayscale even at low brightness levels, delivers better color rendering, color reproduction, and better detail.



Front Maintenance Design

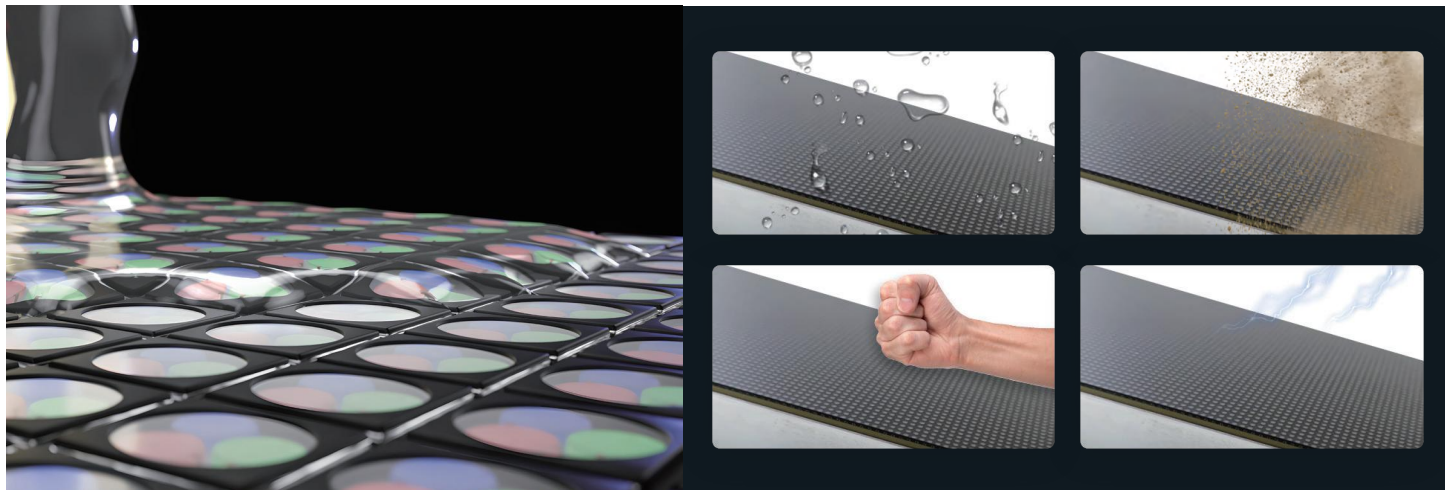


Hanging Mounting

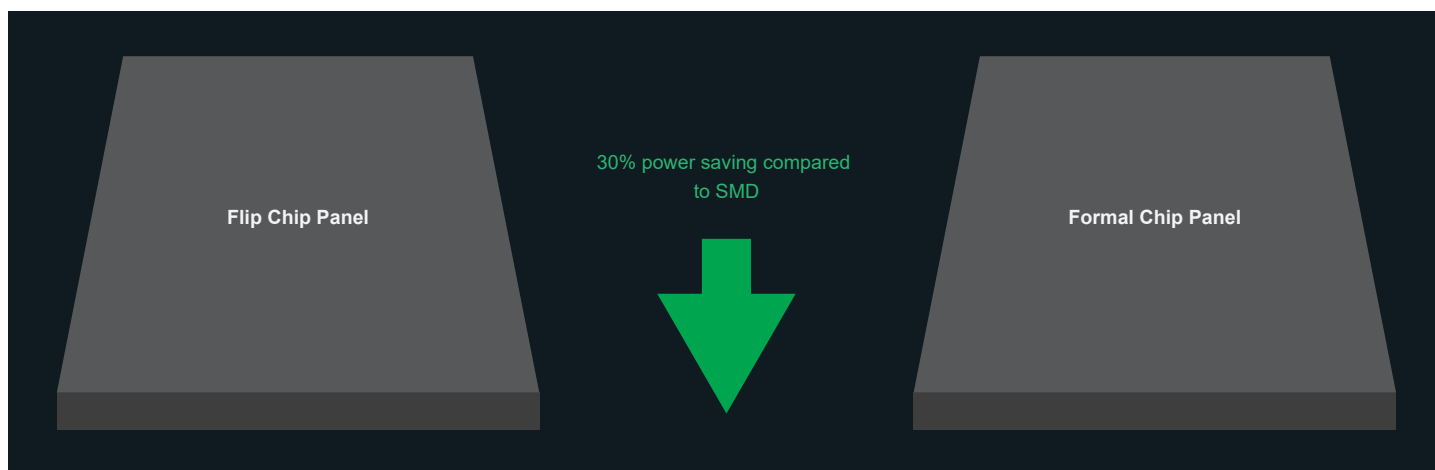


Wall Mounting

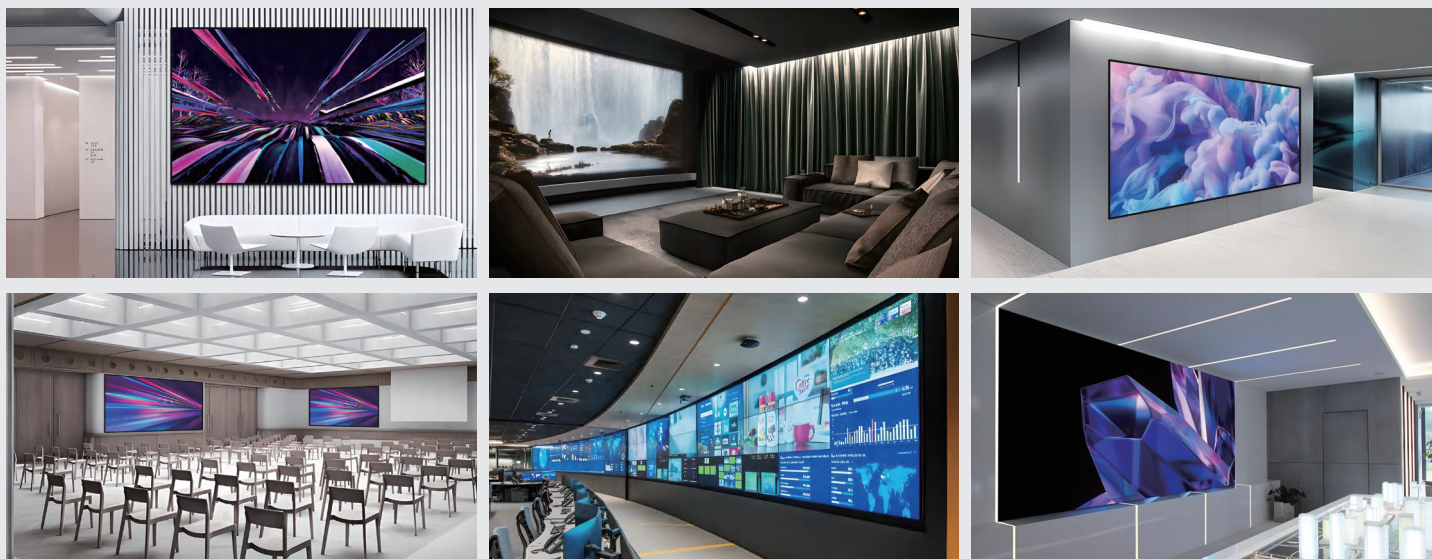
Easy Maintenance: Support full front maintenance, featuring hot-plug modules and cable-free connection. The cabinet can be hanging or wall mounted for multiple purposes.



GOB High Protection: Special treatment with GOB technology, enabling surface water-resistant, dust-resistant, impact-resistant and anti-static.



APPLICATIONS



FI MC Series Specification

SMD

	P0.9375	P1.17	P1.25	P1.56	P1.87	P2.5	P3.7
Pixel Pitch (mm)	P0.9375	P1.17	P1.25	P1.56	P1.87	P2.5	P3.7
Cabinet Resolution (mm)(W×H)	640×360	512×288	480×270	384×216	320×180	240×135	160×90
Pixel Density (dots/m ²)	1,137,778	728,270	640,000	409,600	284,444	160,000	71,111
Cabinet Size (mm)(W×H)				600×337.5			
Brightness (nits)	≤800	≤800	≤800	≤800	≤800	≤1200	≤1200
Gray Scale (bit)				14~16			
Pixel Calibration	Support brightness and color calibration						
Color Temp (K)	2000~12000 (Adjustable)						
Control System	Synchronous control						
Drive Mode	Constant current drive (Compatible)						
Frame Rate (Hz)				50/60			
Refresh Rate (Hz)				≥3840			
Working Voltage (V)	AC: 100V~240V, 50~60Hz						
Max. Power Consumption (W/m ²)	≤725	≤725	≤725	≤600	≤600	≤660	≤660
Avg. Power Consumption (W/m ²)	≤280	≤280	≤280	≤280	≤240	≤260	≤260
Lifetime (H)				100,000			
Operation Temp (°C)				-10~+40			
Storage Temp (°C)				-20~+60			
Operation Humidity (RH)	10%~80%, no condensation						
Cabinet Weight (kg)				5.1/7.7			

FLIP CHIP MIP(High Contrast)

	P0.9375	P1.25	P1.56	P1.87	P2.5
Pixel Pitch (mm)	P0.9375	P1.25	P1.56	P1.87	P2.5
Cabinet Resolution (mm)(W×H)	640×360	480×270	384×216	320×180	240×135
Pixel Density (dots/m ²)	1,137,778	640,000	409,600	284,444	160,000
Cabinet Size (mm)(W×H)			600×337.5		
Brightness (nits)	≤1000	≤1000	≤1000	≤1000	≤1000
Gray Scale (bit)			14~16		
Pixel Calibration	Support brightness and color calibration				
Color Temp (K)	2000~12000 (Adjustable)				
Control System	Synchronous control				
Drive Mode	Constant current drive (Compatible)				
Frame Rate (Hz)			50/60		
Refresh Rate (Hz)			≥3840		
Working Voltage (V)	AC: 100V~240V, 50~60Hz				
Contrast Ratio	≤1,000,000:1				
Max. Power Consumption (W/m ²)	≤700	≤700	≤700	≤700	≤700
Avg. Power Consumption (W/m ²)	≤280	≤280	≤280	≤280	≤280
Lifetime (H)			100,000		
Operation Temp (°C)			-10~+40		
Storage Temp (°C)			-20~+60		
Operation Humidity (RH)	10%~80%, no condensation				
Cabinet Weight (kg)			5.1/7.7		

FLIP CHIP MIP(High Brightness)

	P0.9375	P1.25	P1.56	P1.87	P2.5
Pixel Pitch (mm)	P0.9375	P1.25	P1.56	P1.87	P2.5
Cabinet Resolution (mm)(W×H)	640×360	480×270	384×216	320×180	240×135
Pixel Density (dots/m ²)	1,137,778	640,000	409,600	284,444	160,000
Cabinet Size (mm)(W×H)			600×337.5		
Brightness (nits)	≤4000	≤4000	≤4000	≤4000	≤4000
Gray Scale (bit)			14~16		
Pixel Calibration	Support brightness and color calibration				
Color Temp (K)	2000~12000 (Adjustable)				
Control System	Synchronous control				
Drive Mode	Constant current drive (Compatible)				
Frame Rate (Hz)			50/60		
Refresh Rate (Hz)			≥3840		
Working Voltage (V)	AC: 100V~240V, 50~60Hz				
Max. Power Consumption (W/m ²)	≤720	≤720	≤720	≤720	≤720
Avg. Power Consumption (W/m ²)	≤280	≤280	≤280	≤280	≤280
Lifetime (H)			100,000		
Operation Temp (°C)			-10~+40		
Storage Temp (°C)			-20~+60		
Operation Humidity (RH)	10%~80%, no condensation				
Cabinet Weight (kg)			5.1/7.7		

The parameter index will change according to the specific situation of the project (the product shall be subjected to the submitted contract specification)

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Company
Official Website

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