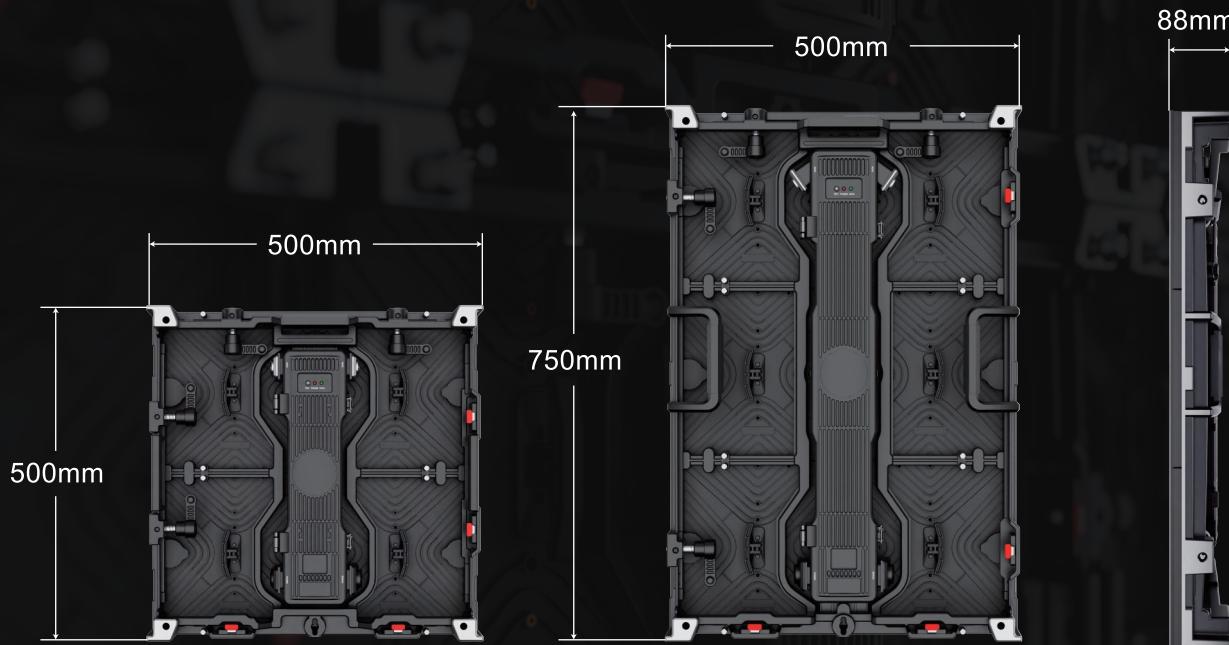




## MB series

Three-in-one modular design & outdoor fine pixel pitch



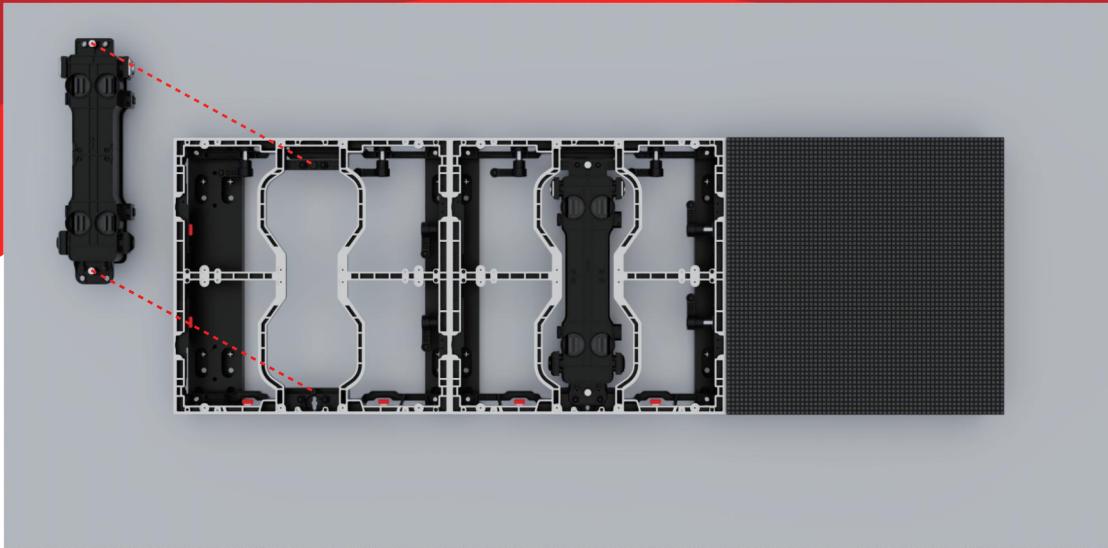
## Multi-size design



## Modular design

The cabinet is designed with modular design, consisting of modules, cabinets and power box which is very simple and convenient

The cabinet compatible with all indoor/outdoor modules to simplify inventory and reduce costs



## Complete front maintenance solution

The modules and power box can all be removed from the front



## Creative led floor display design

The cabinet can be used as floor tiles to realize various application scenarios such as stage and virtual shooting. The modules and power control box can be removed from the front



## Optional curve & cube-shaped solution

The cabinets are available as an option to create cube-shaped or curve displays



## Professional installation frames

The MB series are equipped with hanging beams, floor stacking rack accessories to meet the needs of hanging and stacking, which makes it convenient for customers to use the products according to the needs of the actual application scenarios

# Specifications

## Indoor

Model	MB1.9	MB2.6	MB2.9	MB3.91	MB4.81	MB5.95
Pixel Pitch (mm)	1.9	2.6	2.9	3.91	4.81	5.95
Physical Density (dot/m <sup>2</sup> )	262,144	147,456	112,896	65,536	43,264	28,224
LED Type	SMD1515	SMD1515	SMD1515	SMD2020	SMD2020	SMD2020
Module Size (mm)			250x250			
Module Resolution (dots)	128x128	96x96	84x84	64x64	52x52	42x42
Cabinet Size (mm)			500x500x88 / 500x750x88			
Scanning Mode	1/32	1/32	1/28	1/16	1/13	1/7
Cabinet Material			Die-casting Aluminum			
Weight (KG/PCS)			8.5KG / 12.5KG			
Brightness (cd/m <sup>2</sup> )	1000	1000	1000	1200	1200	1200
Refresh Rate (Hz)			≥3840			
Viewing Angle (H/V)			140°/140°			
Grey Scale (bit)			16			
Input voltage (V)			AC100-AC220			
Avg. Power Consumption (W/m <sup>2</sup> )	225	240	227	168	170	186
Max. Power Consumption (W/m <sup>2</sup> )	675	720	680	504	511	558
Maintenance Mode			Front&Rear			
Rotation Angle			0°/±2.5°/±5°/±7.5°/±10°			
IP Grade			IP65			
Working Temperature (C)			-20~ +50			
Working Humidity (RH)			10%~90%			
Storage Temperature (C)			-30~ +70			
Storage Humidity Range (RH)			10%~90%			
Life Span (H)			≥100,000			

## Outdoor

Model	MB1.25	MB1.56	MB1.893	MB2.604	MB2.976
Pixel Pitch (mm)	1.25	1.56	1.893	2.604	2.976
Physical Density (dot/m <sup>2</sup> )	640,000	473,344	278,784	147,456	112,896
LED Type	SMD0606	SMD1010	SMD1010	SMD1010	SMD1010
Module Size (mm)			250x250		
Module Resolution (dots)	200x200	162x162	132x132	96x96	84x84
Cabinet Size (mm)			500x500x87 / 500x750x87		
Scanning Mode	1/40	1/32	1/22	1/16	1/14
Cabinet Material			Die-casting Aluminum		
Weight (KG/PCS)			10KG / 14KG		
Brightness (cd/m <sup>2</sup> )	3000	3500	3500	3500	3500
Refresh Rate (Hz)			≥3840		
Viewing Angle (H/V)			160°/160°		
Grey Scale (bit)			16		
Input Voltage (V)			AC110-AC220		
Avg. Power Consumption (W/m <sup>2</sup> )	213	213	213	213	213
Max. Power Consumption (W/m <sup>2</sup> )	640	640	640	640	640
Maintenance Mode			Front&Rear		
Rotation Angle			0°/±2.5°/±5°/±7.5°/±10°		
IP Grade			IP65		
Working Temperature (C)			-20~ +60		
Working Humidity (RH)			10%~90%		
Storage Temperature (C)			-30~ +70		
Storage Humidity Range (RH)			10%~90%		
Life Span (H)			≥100,000		

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