

# DESAY



## MB Series

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# Specifications

Parameter	Unit	MB3	MB6	MB8	MB10
Pixel pitch	mm	3.846	6.25	8.333	10
Brightness	nits	5000	5500~6500		6000~6500
Pixel configuration	R/G/B	SMD 3 in 1			
Colour temperature	deg.K	6500			
Viewing angle -Horizontal (50% brightness)	deg.	140(+70/-70)			
Viewing angle -Vertical (50% brightness)	deg.	+30-50	+15-40	+30-45	+55-65
Recommended minimum viewing distance	m	4	6	8	10
Panel width	mm	800			
Panel height	mm	900			
Panel depth	mm	112			
Panel area	m <sup>2</sup>	0.72			
Panel material		Aluminum			
Panel weight	Kg	29.5KG/sqm			
Ingress protection (front/back)	IP	65/54			
Pixel matrix per panel		208*234	128*144	96*108	80*90
Brightness control		255			
Gray Scale	bit	14			
Frame rate	Hertz	50/60			
Display refresh rate	Hertz	3840			
Input voltage	VAC	100~240			
Input power frequency	Hertz	50~60			
Input power (Max.)	W/m <sup>2</sup>	600±10%	650±10%	650±10%	650±10%
Input power (Avg.)	W/m <sup>2</sup>	210±10%	227±10%	227±10%	227±10%
Operating temperature range	deg.C	-30~+50			
Lifetime (50% brightness)	Hours	100,000			

## Features

- Available pixel: 3.8mm/6.25mm/8.3mm/10mm
- Ultra-light: 29.5kg/sqm
- Noise free, no fan design
- 30% Power saving solution
- High brightness > 6500nits, High Refresh rate: 3840Hz
- Cabinet size: 800mm\*900mm, specially made for screen ratio 16:9
- Module with safety rope design, improve safety performance
- Patented water-guiding groove design on the cabinet
- Patented high and low double module mask louver design, improve contrast ratio to be 4000:1
- Good heat dissipation with professional sink power box
- Fully front & rear maintenance for both modules & power box
- No rear installation space requested, wall-mounted with simple frame
- Double safety design, fuse in modules & power design
- Upgraded version for perimeter design with soft rubber mask & support



Perimeter LED screen

Front and rear maintenance of module power supply