



Shenzhen Dicolor Optoelectronics Co., Ltd.
M Series—SPECIFICATIONS

Product NO.	M-160D	M-310D
Module Parameters		
Pixel Pitch	16mm	31.25mm
Resolution	32 × 16	16 × 8
Pixel Quantity	512	128
Dimension	512 × 256mm	500 × 250mm
Pixel Configuration	DIP346 1R1G1B	DIP346 2R2G2B
Driving Mode	Static	Static
Application	Outdoor	Outdoor
Weight	1.8Kg	0.6Kg
Cabinet Parameters		
Dimension	1024 × 1024 × 95mm	1000 × 1000 × 80mm
Resolution	64 × 64	32 × 32
Pixel Quantity	4096	2048
Module Quantity	2 × 4	2 × 4
Type	Aluminum	Aluminum
Weight	24Kg/m ²	18Kg
Maintenance type	Front/back	
Screen Parameters		
Pixel Density	3906 Dot/m ²	1204 Dot/m ²
Ave.Power Consumption	134W/m ²	120W/m ²
Max.Power Consumption	443W/m ²	360W/m ²
Input Power	572W/m ²	450W/m ²
Brightness	7000 nits	6000 nits
Color Depth	14Bit	14Bit
Refresh Rate	≥2600Hz	≥3000Hz
Frame Frequency	50/60Hz	50/60Hz
Input Voltage	110~220V AC	110~220V AC
Working Temperature	-20°C~+50°C	-20°C~+50°C
Working Humidity	10%~90%RH	10%~90%RH
Optimal Viewing Distance	16~160M	31~310M
Viewing Angle	H: 120° /V:55°	H: 120° /V: 55°
IP Grade	IP65/IP54	IP65/IP54
Lifespan	100000H	100000H
Rotation angle	± 15°	± 15°
Mesh rate	15%	45%