

MG-2 Series

INDOOR FINE PITCH LED DISPLAY



Overview of MG-2 Series

The new generation MG, is the upgrade of the very success model of MG series. It supports the front and rear installation, front access. The series covers three different position lines: entry level with Top LEDs, mainstream with 4in1 MicroLEDs CC or CA driver IC, and premium with MicroLEDs and high performance driver IC; DCI P3 optional; EMC Class B optional; the GOB optional; and the selectable control system.

KEY FEATURES



MicroLED Full Flip Chip



Quick front and rear installation



Abnormal status alarm



Power/Signal Redundancy



EMC Class B



2000nit High Brightness

SPECIFICATIONS

Item	MG0093-2	MG0093-2	MG0125-2	MG0125-2	MG0125-2	MG0156-2	MG0187-2	MG0250-2
Pixel Configuration	Mirco 4in1	Mirco 4in1	SMD-TOP	SMD-CHIP	Mirco 4in1	SMD-TOP	SMD-TOP	SMD-TOP
Pixel Pitch (mm)	0.93	0.93	1.25	1.25	1.25	1.56	1.87	2.5
Module Resolution (dots)	320x360	320x360	240x270	240x270	240x270	192x216	160x180	120x135
Module Size (mm)	300x337.5							
Module Composition (WxH)	2x1							
Cabinet Resolution (dots)	640x360	640x360	480x270	480x270	480x270	384x216	320x180	240x135
Pixel Density (Point/m ²)	1,137,778	1,137,778	640,000	640,000	640,000	409,600	284,444	160,000
Cabinet Dimension (WxHxD)mm	600x337.5x45							
Weight per cabinet (Kg)	4.5							
Weight per sqm (Kg)	22.2							
Unit Area (m ²)	0.2025							
Full White Brightness (nit)	1200-1500*	1000-1200*	600-800*	600-800*	1200-1500*	600-800*	600-800*	600-800*
Colour Temperature, Adjustable (K)	3000-10000 Adjustable							
Viewing Angle (Horizontal) ^o	170	170	160	160	170	160	160	160
Viewing Angle (Vertical) ^o	170	170	140	140	170	140	140	140
Contrast Ratio	30000:1	20000:1	5000:1	5000:1	20000: 1	5000:1	5000:1	5000:1
AC operation voltage	AC100~240V (50/60Hz)							
Max Power Consumption (W/m ²)	365	376	514	578	385	464	425	397
Ave Power Consumption (W/m ²)	85	181	158	150	134	135	111	76
3D (100/120HZ)	50&60	50&60	50&60	50&60	Option	Option	Option	Option
Refresh Rate (Hz)	1600-7680	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz
Frame Rate (Hz)	24-240	50&60	50&60	50&60	50&60	50&60	50&60	50&60
Lifetime (hrs)	100,000							
Installation Access	Rear/Front							
Module Maintenance	Front							
PSU & Others Maintenance	Front							
Operating Temperature (°C)	-20~40							
Storage Temperature (°C)	-30~60							
Operating Humidity (%RH)	10~90% no condensation							
Storage Humidity (%RH)	10~80% no condensation							

* White balance 100% brightness (nits) (after correction) value between 600-800nit brightness range;

* The peak power consumption refers to the power consumption under the condition of 100% brightness of full white;

Note: The product parameters, descriptions and images are subject to change without prior notice.