



Real Color Real High Definition

Mars Series

Indoor Fine Pixel High-Resolution LED Display

Mars Series



Ultra 8K,HD Giant Screen

Micro-pitch display,no graininess;Restore image details,16:9 golden display ratio,can create ultra-8K professional HD giant screen.

Cinematic Grade,Excellent Experience

Precise brightness adjustment,uniform light source,no fatigue with eyes,efficient silent heat dissipation,no heating of the environment,comfortable space experience.

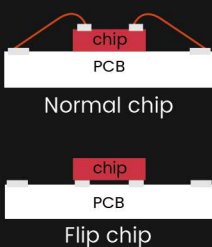
Precise Positioning,Efficient Production

High-precision CNC machining and positioning process, seamless splicing,modular design,front maintenance structure, easy to operate.

Features

1. Customized LED solutions

Mars fine-pitch display screen through the customization and patent protection of LED display core device -LED, to improve the anti-collision ability (anti-collision force >2kg) and contrast of the product, to ensure the stability of LED quality standards and performance parameters to the greatest extent.



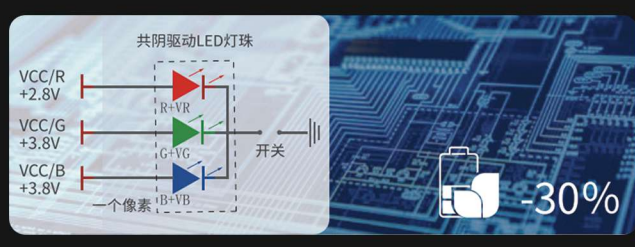
2. Flip COB solution (<1.0mm dot pitch products)

Mars <1.0mm micro-pitch display will apply flip mini display technology, through new process research and development, evaluation and introduction of new material technology, and continue to improve high reliability, COB outdoor ability, appearance and display color consistency and other pursuit of higher display effects.

High definition display, incredible restore image, can create 16bit gray scale.

3. Smart energy saving, green and low consumption

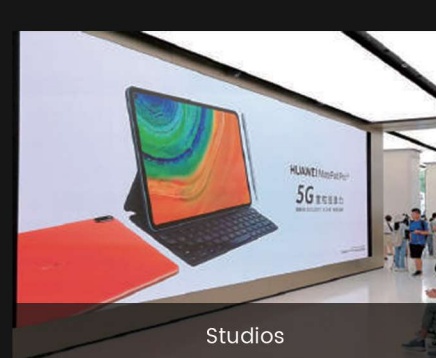
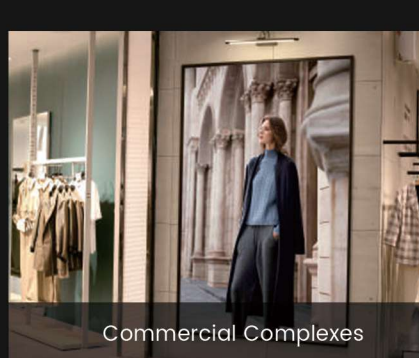
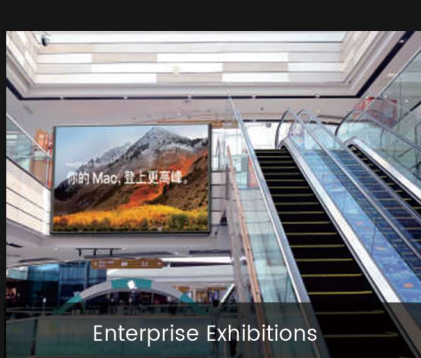
High cost-effective common anode drive and energy-saving common cathode drive, two drive solutions for customers to choose freely; Highly integrated common cathode driver, high energy efficiency LED, energy saving up to 30% compared to ordinary products, reducing thermal power consumption.



4. Front maintenance structure, easy to install

Integrated power supply box design. Power/Hub/Accept Card 3-in-1 integration to save display cabinet space and maximize the stability of power/signal connection, and back maintenance structure for integrated power supply box.

Application Scenarios



Parameter List

Pitch	P0.93	P1.25	P1.56	P1.875	Pitch	P0.93	P1.25	P1.56	P1.875
Series	MR-09I-P	MR-12I-B/P	MR-15I-B/P	MR-18I-B	Module Size	300x168.75 mm			
B Serie Mode(cd/m ²)	>600	>600	>600	>600	Cabinet Size	600x337.5x37.5mm (23.6"x13.3"x1.5")			
P Seire Mode(cd/m ²)	>800	>800	>800	>800	Cabinet Res (px)	640x360	480x270	384x216	320x180
Distance	>0.93m	>1.25m	>1.56m	>1.875m	System	Stacking /Hanging /Stitching			
Led Kind	Mini COB	CHIP 1010 /TOP 2 in 1	TOP 1212 /TOP 2 in 1	SMD1010	Drive Mode(scan)	1/60	1/45	1/48	1/45
Pixel Density (dots/m ²)	1137777	640000	409600	284444	Max Power (w/m ²)	650 (-B Series), 500 (-P Series)			
Technology	Flip chip, CCT				Environment	IP43 Front/IP20 Rear			
Refresh Rate	3840Hz				Voltage	AC100-240V			
Viewing Angle	160(H)/160(V)				Weight	5kg/Cabinet			
Contrast	5000:1(-B Series), 7000:1(-P Series)				Certification	CE, ETL, UL, FCC, CCC, RoHS			

