

MSG Indoor Series

MSG indoor&outdoor Series LED module can be used in all mainstream LED screen control systems. Its production process, materials and assembly are carried out in accordance with strict standards. MSG series has the characteristics of flexibility, convenience, IP65, easy installation and maintenance. It is widely used in shopping malls, exhibition halls, conference centers, outdoor advertising, etc.



Original Design

Special ODM lamp, excellent contrast, high precision stitching

Creative Components

Magnetic attachment & signal interface

Excellent Heat Dissipation

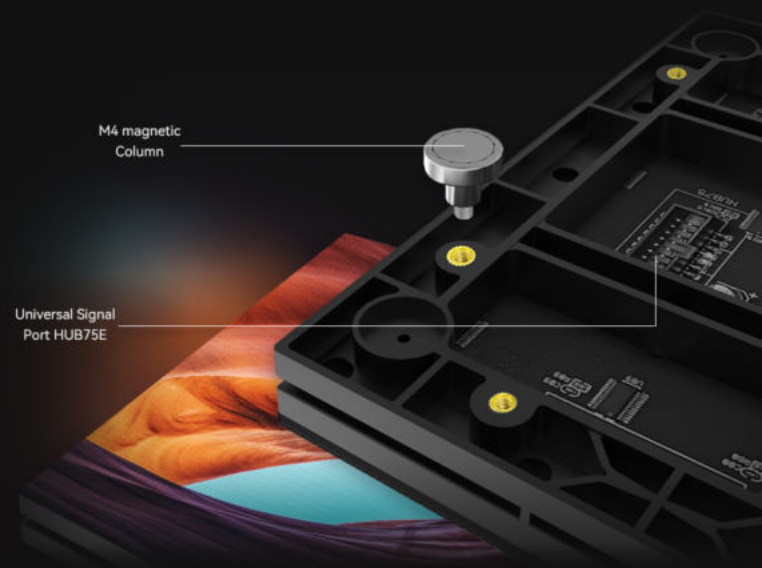
Thermal conductive adhesive & circuit design

Specialist Chip App

3840Hz High quality LED lamps and PWM drive IC

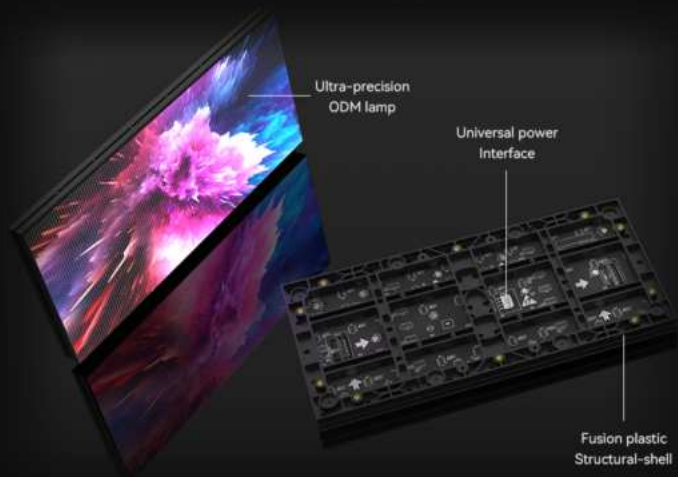
Original Design

M4 magnetic column for all screw holes, HUB75E Generic I/F for convenient use, Adopts 4P plug with full proof design, Tool Free Maintenance



M4 magnetic Column

Universal Signal Port HUB75E



Stunning Visual Effect 3840Hz

Specialist chip application, Low brightness, high gray scale, High quality LED Lamps and PWM drive IC

Multi-scene Display Application

Large viewing angle ensure the consistency and uniformity of brightness and color from any horizontal and vertical angles



Dedicated indoor led display modules

Structural design of plastic bottom shell

Variety of pixel pitches, resolutions and sizes

Special ODM lamp, excellent contrast, high precision stitching

Excellent visual effect, specialist chip application, 3840Hz

Low temperature rise, high flame retardant, excellent PCB design

Sufficient supply of goods, ready for mass delivery at any time

Scenario Case



Case Name: Tianlong Mountain Stone Cellar Digital Museum



Case Name: LED video wall of KRX Cooperations Showroom in Korea



Case Name: LED video wall of Xiamen Huawei Showroom



Case Name: Atlanta International Airport



Case Name: Jujiang Shipping Administration Controlling Center



Case Name: Mexico Network Operations Center

Features



Fire rating: UL94V-0

01



160° ultra-wide viewing angle

02



ODM high quality led lamp

03



Low temperature rise, excellent heat dissipation

04



High refresh and high quality drive IC

05



Sufficient supply and ready to ship

06

Specifications

Parameter Item	MSG P1.2	MSG P1.5	MSG P1.8	MSG P2.0	MSG P2.5	MSG P3	MSG P4	MSG P5
Pixel Pitch (mm)	1.25	1.538	1.86	2	2.5	3.076	4	5
Pixel Density (pixels/sqm)	640,000	422,500	288,906	250,000	160,000	105,625	62,500	40,000
Module Resolution	256×128	208×104	172×86	160×80	128×64	104×52	64×32	64×32
Mask	No	Optional	Optional	No	No	Optional	Optional	Optional
Lamp Type	SMD1010	SMD1212	SMD1515	SMD1515	SMD2121	SMD2121	SMD2121	SMD2121
Module Size (mm)	320×160×14	320×160×14	320×160×14	320×160×14	320×160×14	320×160×14	256×128×14	320×160×14
Module Weight (kg)	0.47±0.05	0.47±0.05	0.47±0.05	0.47±0.05	0.47±0.05	0.47±0.05	0.21±0.05	0.47±0.05
Brightness (cd/sqm)	750	650	650	650	850	750	850	850
Gray Scale (Bit)	12~16							
Color Temp (k)	2500~10000							
Control System	Synchronous Control							
Protection Level	IP31							
Intelligent Storage	NO							
Frame Frequency (Hz)	50/60FPS~120FPS (3D)							
Refresh Rate(Hz)	1920/3840(Optional)							
Working Voltage	AC:100V~240V, 50/60Hz							
Power Consumption(W/ m ²)	Max:≤460, Ave:≤160	Max:≤370, Ave:≤125	Max:≤370, Ave:≤125	Max:≤370, Ave:≤125	Max:≤420, Ave:≤140	Max:≤330, Ave:≤110	Max:≤360, Ave:≤120	Max:≤420, Ave:≤140
Lifetime (hrs)	100,000							
Operating Temp (°C)	-10~+40							
Storage Temp (°C)	-25~+60							
Humidity Range(Rh)	10%~80%, Non-condensing							
Pixel Correction	Brightness And Color Correction							