

MAGIC SERIES INDOOR/OUTDOOR LED DISPLAY SOLUTIONS

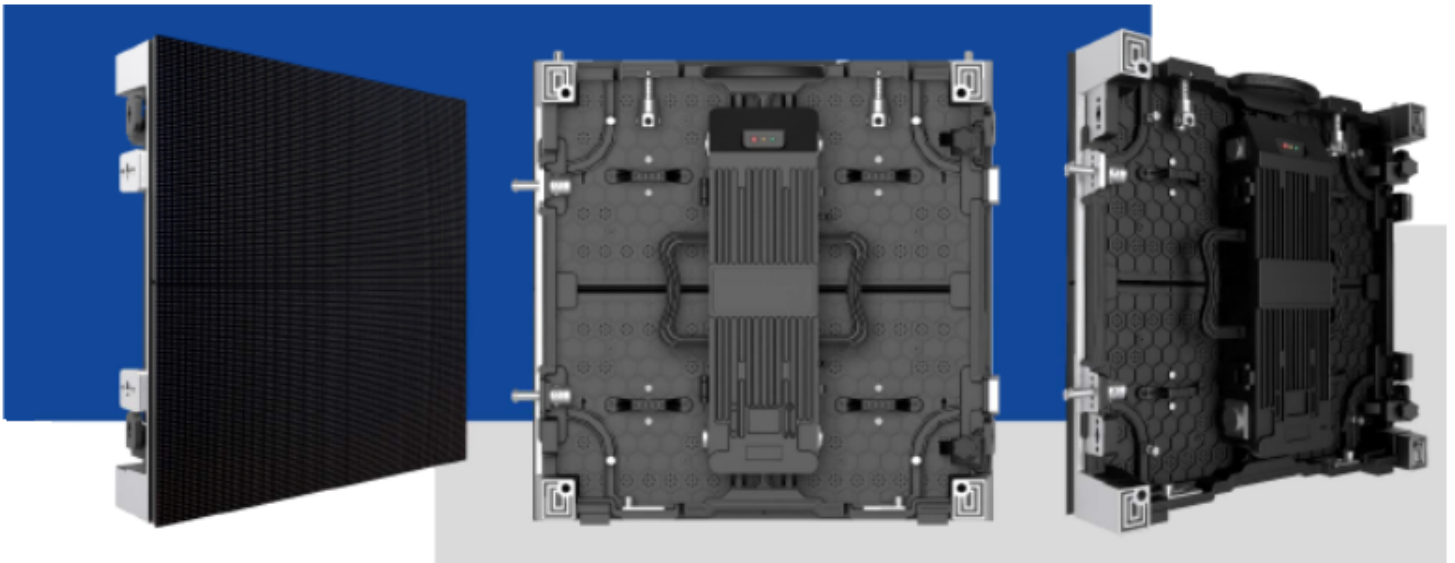
FIXED INSTALLATION & RENTAL APPLICATIONS – 100% FRONT & REAR ACCESS

Indoor:

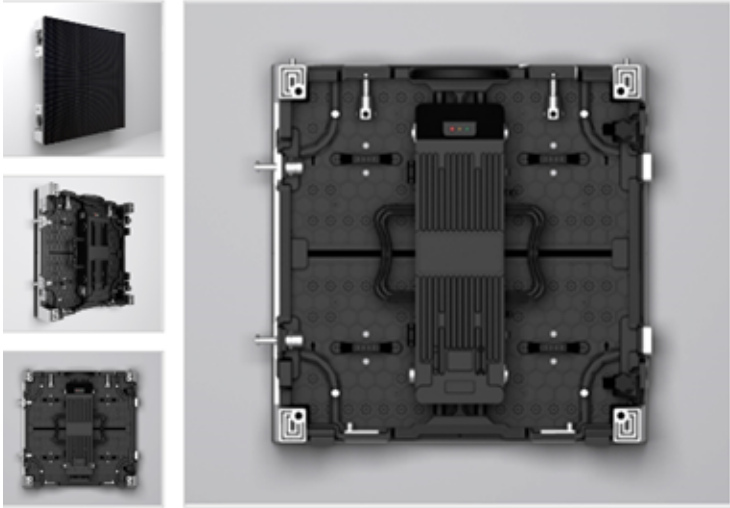
M1.9/M2.2/M2.5/M2.6/M2.84/M2.9/M3.91/M4.81/M5.95

Outdoor:

MO3.91/MO4.81/MO5.95/MO6.944/MO6.944



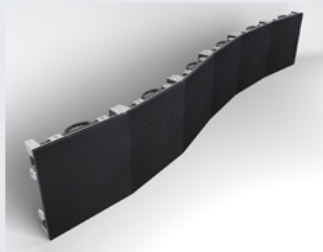
Magic Series is a new Multi-functional and All full front maintenance LED display, integrated more than 10 pitches, both indoor, outdoor, dance floor, one for all. Designed especially for stage, exhibition rental and fixed installation applications with the features of ultra-thin, ultra-light, fast assembly, high conformity, excellent color consistency .



Magic Series

Integrated with more than 10 pitches and multiple functions like: curve, full front and back maintenance, rental, fix, dance floor, curtain, indoor and outdoor applications. By using the same parts like power supply, HUB and airplugs, replacement and upgrade become very easy and simple. For certain region and country, adopting the full solution from Phcistar will help you save the delivery time and cost (freight and import duty) greatly.

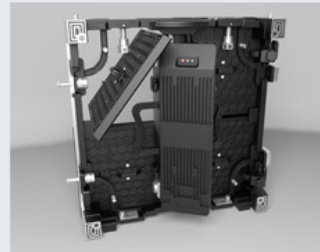
Characteristic



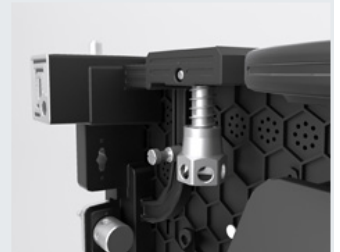
Curve installation



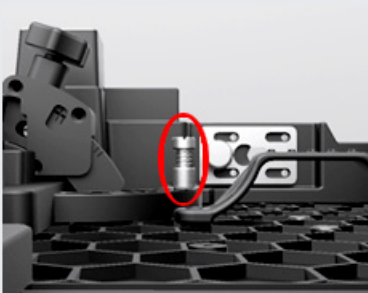
Full front maintenance



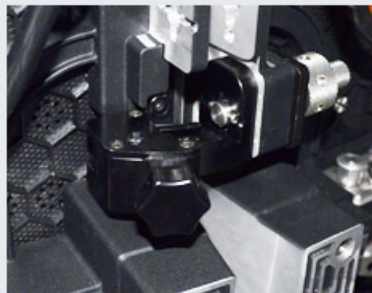
Full back maintenance



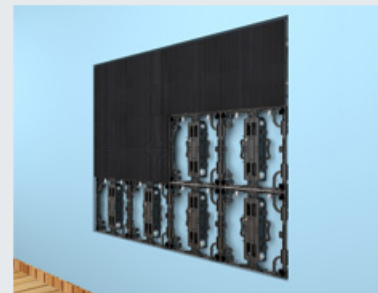
Fast installation lock



Safety spring screw for magnetic module



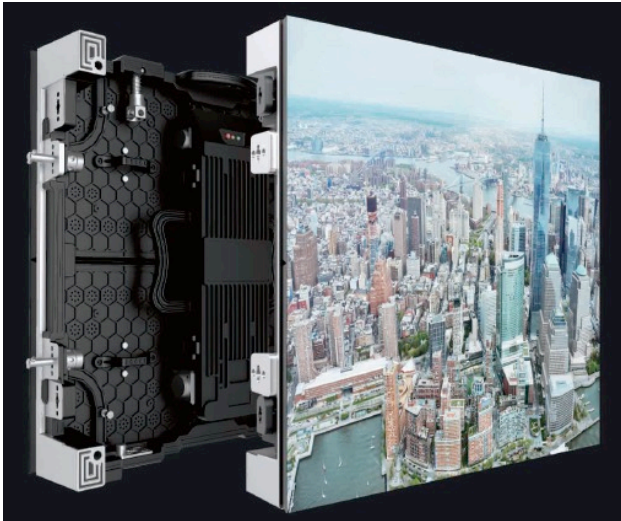
Curve lock



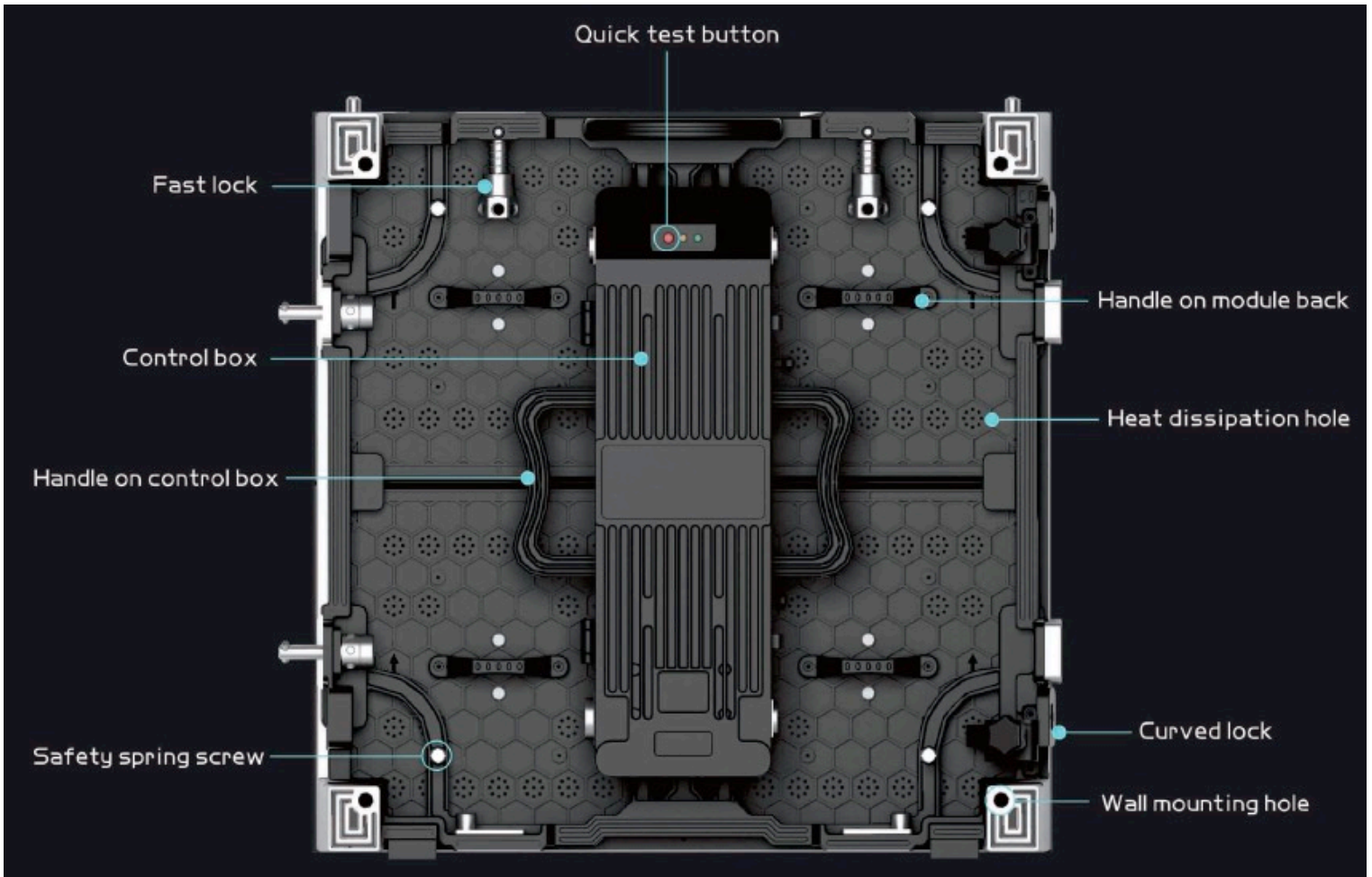
zero distance wall mounted

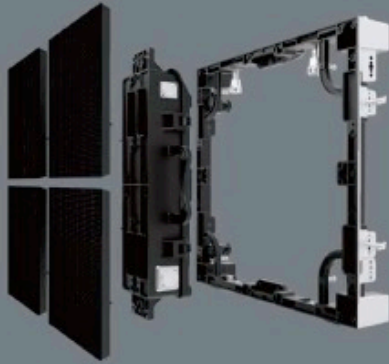
Specifications:

Model Number	M1.9	M2.5	M2.6	M2.9	M3.91	M4.81	M03.91	M04.81	M05.95
Pixel Pitch(mm)	1.9	2.5	2.6	2.9	3.91	4.81	3.91	4.81	5.95
Pixel Density(dots/m ²)	262,144	160,000	147,456	112,896	65,536	43,264	65,536	43,264	28,224
Module Pixels	128*128	100*100	96*96	84*84	64*64	52*52	64*64	52*52	42*42
Cabinet Pixels	256*256	200*200	192*192	168*168	128*128	104*104	128*128	104*104	84*84
LED Type	SMD1010	SMD2020	SMD2020	SMD2020	SMD2020	SMD2020	SMD1921	SMD2727	SMD2727
Viewing Angle(°)	H160/V160	H160/V160	H160/V160	H140/V140	H140/V140	H140/V140	H140/V140	H140/V140	H140/V140
Drive Mode	1/32	1/25	1/16	1/14	1/16	1/13	1/16	1/13	1/7
Brightness(cd/m ²)	750	1800	900	1200	1200	1200	5000	5000	5500
Refresh Rate(hertz)	≥1,920	≥3,000	≥3,840	≥1,920	≥1,920	≥1,920	≥1,920	≥1,920	≥1,920
Average Power Consumption(w/m ²)	227	221	203	262	200	202	240	248	213
Max.Power Consumption(w/m ²)	680	664	608	784	600	608	720	744	640
Grey Scale(bits)	14	14	14	16	16	16	16	16	16
Ingress Protection(Front/Rear)	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 65	IP 65	IP 65
Curved or not	n/a	-3°~+3°	-3°~+3°	-5°~+5°	-5°~+5°	-10°~+10°	-2°~+5°	-2°~+8°	-10°~+10°
Module Size(mm)	250*250								
Cabinet Size(mm)	500*500*100								
Maintenance Mode	Front/Rear								
Panel Material	Die-casting Aluminum								
Voltage(v)	110/220(AC)								
Cabinet Weight(kgs)	10								
Operating Humidity Range	10%~90%								
Operating Temperature Range	-20°C~65°C								
Lifetime(h)	≥100,000								

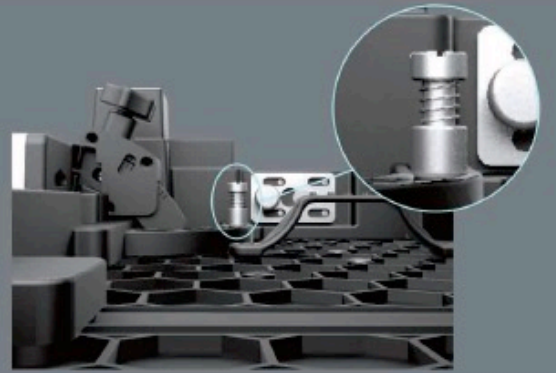


Multi-functional use and application, indoor, outdoor, dance floor, One for all. Full front service, including power and receiving card. Can be curved and really wall mounted.

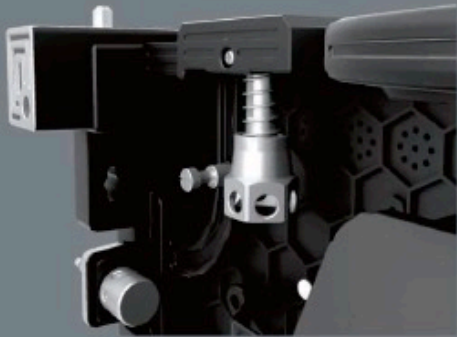




1. Full front maintenance, modules and control box can be disassembled easily from the front.



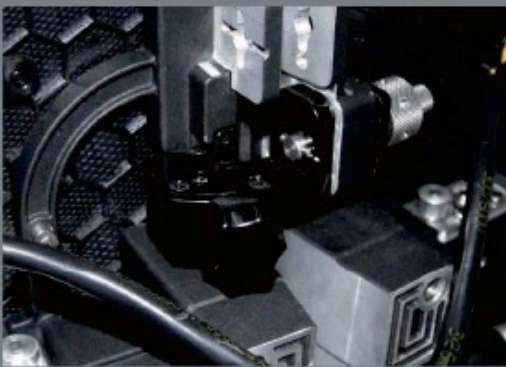
2. Safety spring screw ensure the modules not to fall down.



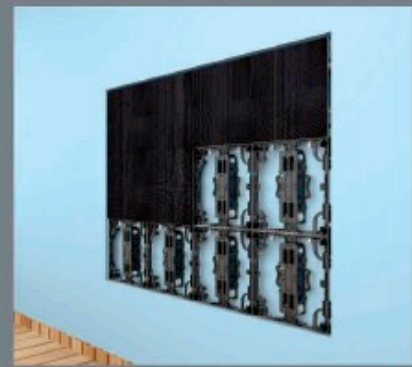
3. Fast lock allows two cabinets connection within seconds.



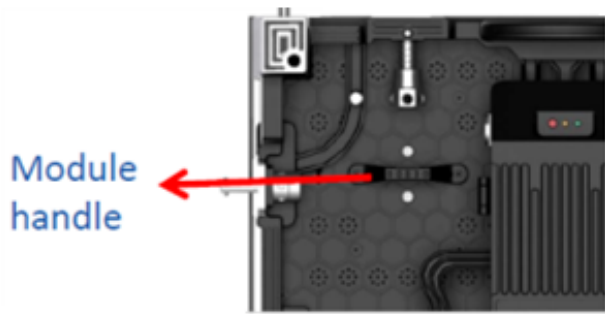
4. Curved installation carry out your creative LED display plan.



5. Adjustable curved lock makes different angles curves possible.



6. Wall mounting method solve the problem caused by limiting space.



Module handle

Fast lock without tool



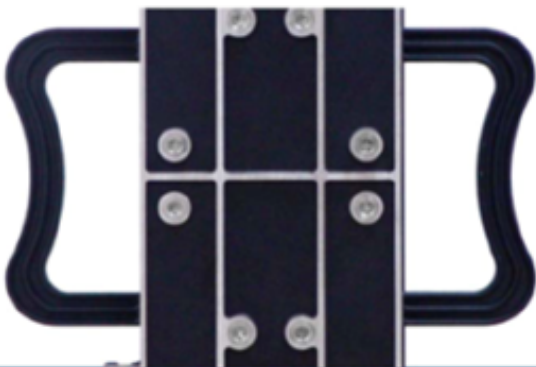
Spring screw protect module fall down



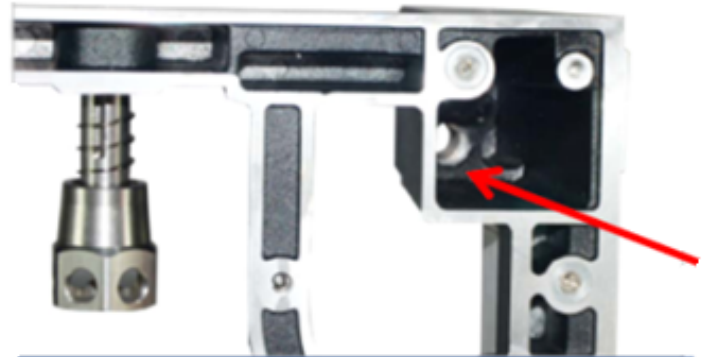
Signal and power Indicating Light



Pad at bottom to avoid LED damage



Smart handle



Screw hole for wall mounting



Angle adjustment make it curved available



Lock on the bottom of the cabinet

Accessories:



Front Maintenance Tool



Curved Lock



Hanging bar

Back Maintenance

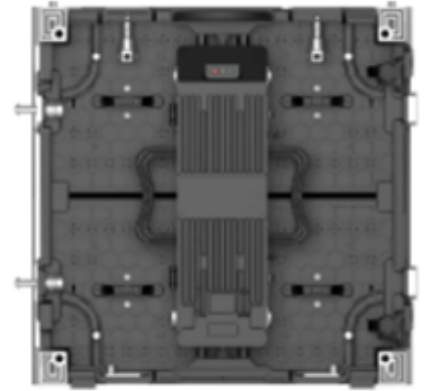


1. Push the module



2. Take out module from back

After losing the two screws, we can take out power box, and do maintenance for power and receiving card



Back view



Empty cabinet

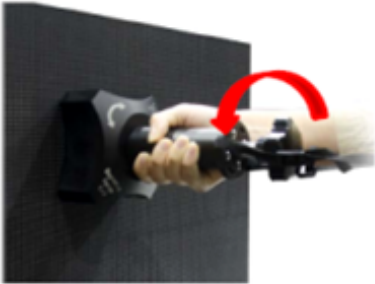
Front Maintenance



Front Maintenance Tool



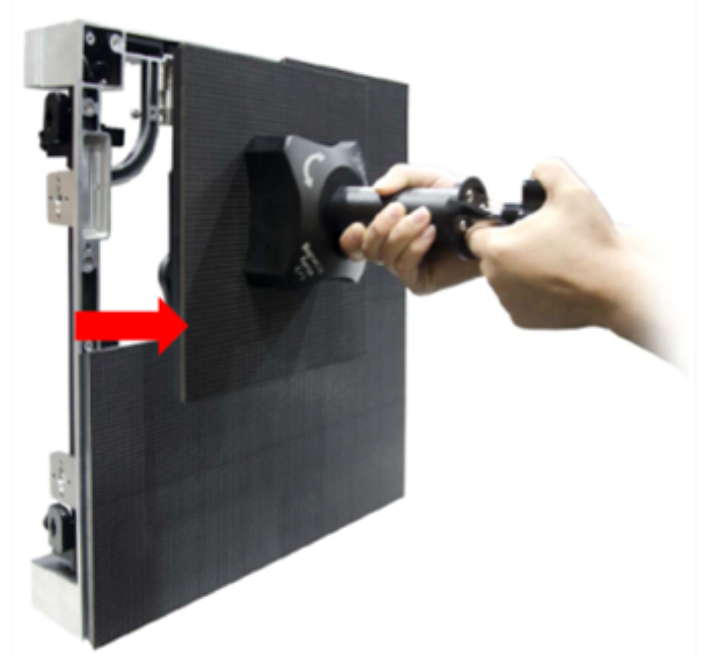
Put tool on the surface



Turn black knob



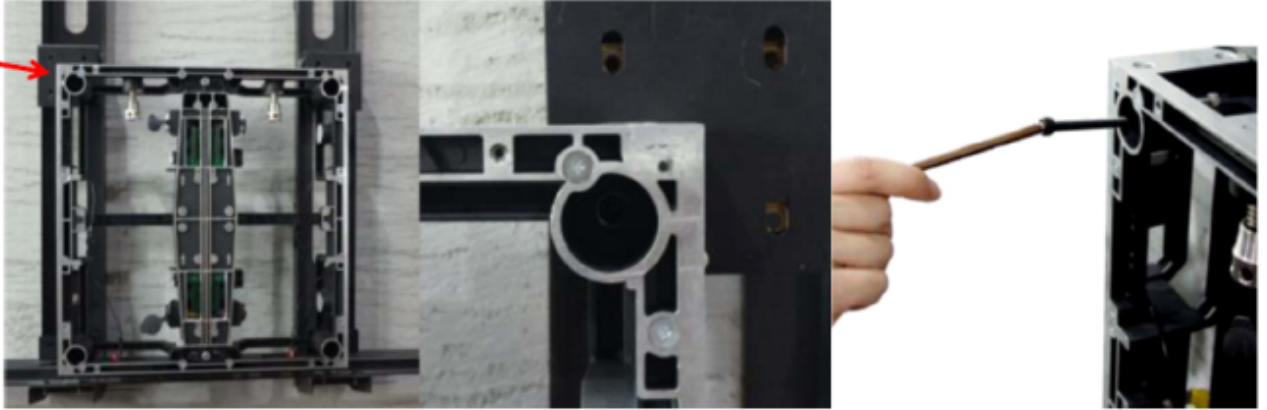
Pull the Maintenance Tool



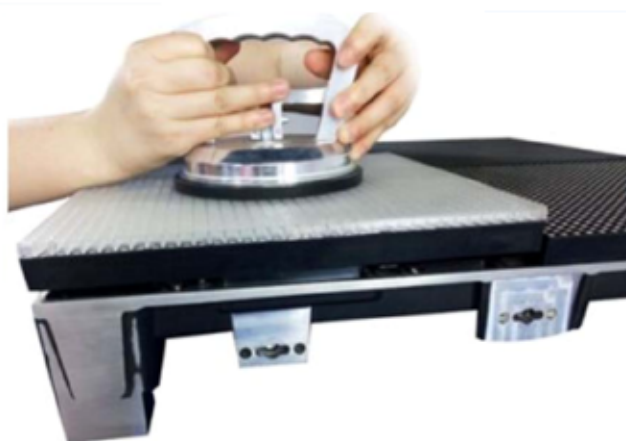
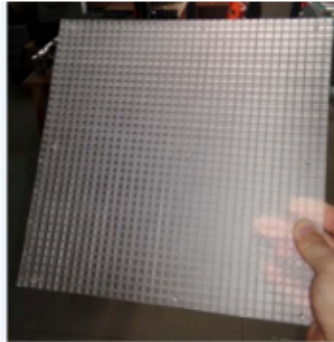
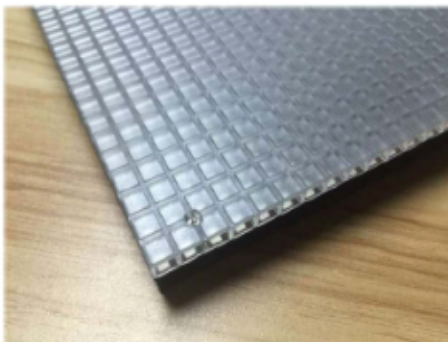
Taking Out The Module

Wall Mounted

Each Corner has a screw hole ,screw on the wall to make it wall mounted

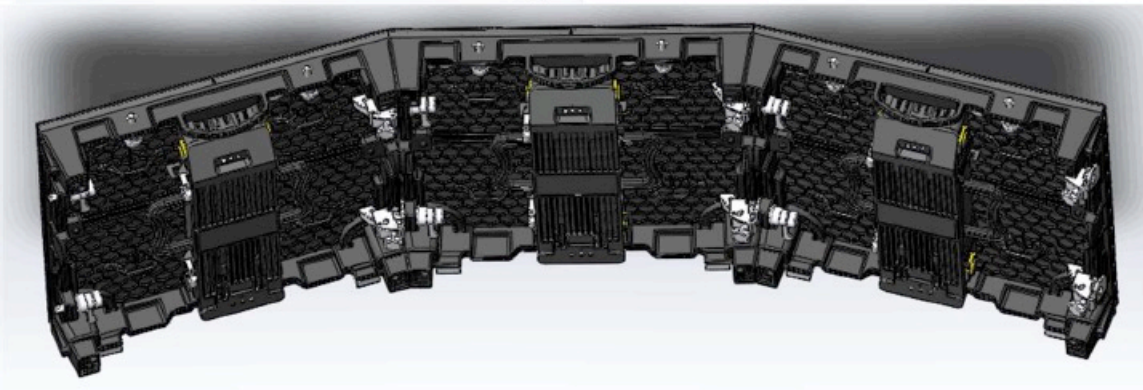
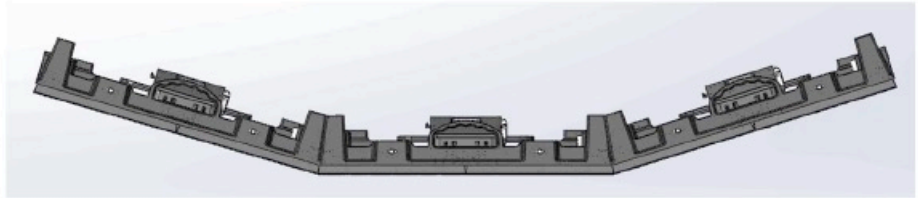


Dance floor



Dance floor also can do full front service

Curved installation



Product Advantage



Angle adjustment:

Using angle adjustment structure , panels could be assembled into different shape like convex and concave, **the angle range is -10~+10.**



Ultra-light and slim

Thickness: 100mm , Weight: 10Kg/panel ;



Fast connection

Push, turn, ,two steps finished within 10 seconds



Standard cabinet

Private cabinet model design, Die-casting Aluminum reducing the weight, **panel size is 500mm*500mm**



Precise Positioning

Adopting spiral locating pin, each panel is removable from whole screen after turning the locating pin, super convenient in maintenance.



Seamless

Seamless connection ,surface tolerance less than 0.2mm



Fast connection

Push, turn, ,two steps finished within 10 seconds



Outdoor IP65

IP 65 Protection grade for outdoor version ,24H working

indoor

M Series / P1.9



Specification

Model :	M series
Pixel pitch (mm) :	1.9
Physical Density (dot /m ²) :	262144
LED Type :	SMD1010
Module size (mm x mm) :	250X250
Brightness (cd /m ²):	750
Grey scale(bit) :	14
Refresh rate (Hz) :	≥1920
Cabinet Resolution (PX x PX) :	256X256
Avg. Power Consumption (W/m ²) :	227
Max. Power Consumption (W/m ²) :	680
Cabinet size (mm x mm) :	500X500
Cabinet weight (Kg) :	10
Cabinet Thickness (mm) :	100
Protection Level :	IP40
Working environment :	Indoor

indoor

M Series / P2.5



Specification

Model :	M series
Pixel pitch (mm) :	2.5
Physical Density (dot /m ²) :	160000
LED Type :	SMD2020
Module size (mm x mm) :	250X250
Brightness (cd /m ²):	1800
Grey scale(bit) :	14
Refresh rate (Hz) :	≥ 3000
Cabinet Resolution (PX x PX) :	200X200
Avg. Power Consumption (W/m ²) :	221
Max. Power Consumption (W/m ²) :	664
Cabinet size (mm x mm) :	500X500
Cabinet weight (Kg) :	10
Cabinet Thickness (mm) :	100
Protection Level :	IP40
Working environment :	Indoor

indoor

M Series / P2.6

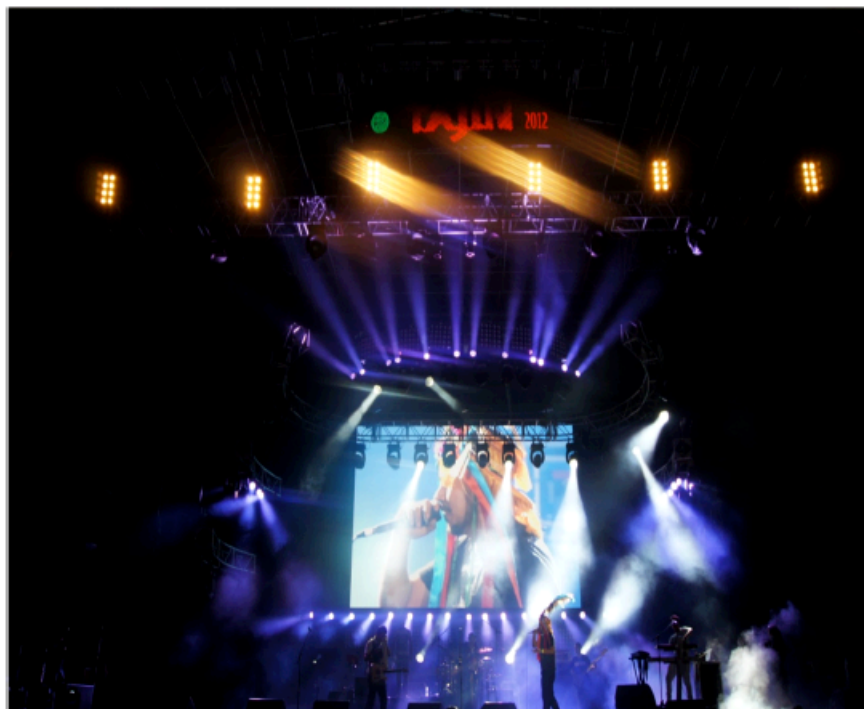


Specification

Model :	M series
Pixel pitch (mm) :	2.6
Physical Density (dot /m ²) :	147456
LED Type :	SMD2020
Module size (mm x mm) :	250X250
Brightness (cd /m ²):	1500
Grey scale(bit) :	14
Refresh rate (Hz) :	≥3840
Cabinet Resolution (PX x PX) :	192X192
Avg. Power Consumption (W/m ²) :	203
Max. Power Consumption (W/m ²) :	648
Cabinet size (mm x mm) :	500X500
Cabinet weight (Kg) :	10
Cabinet Thickness (mm) :	100
Protection Level :	IP40
Working environment :	Indoor

indoor

M Series / P2.84



Specification

Model :	M series
Pixel pitch (mm) :	2.84
Physical Density (dot /m ²) :	123904
LED Type :	SMD2020
Module size (mm x mm) :	250X250
Brightness (cd /m ²):	1500
Grey scale(bit) :	14
Refresh rate (Hz) :	≥3000
Cabinet Resolution (PX x PX) :	176X176
Avg. Power Consumption (W/m ²) :	216
Max. Power Consumption (W/m ²) :	648
Cabinet size (mm x mm) :	500X500
Cabinet weight (Kg) :	10
Cabinet Thickness (mm) :	100
Protection Level :	IP40
Working environment :	Indoor

indoor

M Series / P2.9



Specification

Model :	M series
Pixel pitch (mm) :	2.9
Physical Density (dot /m ²) :	118906
LED Type :	SMD2020
Module size (mm x mm) :	250X250
Brightness (cd /m ²):	1200
Grey scale(bit) :	16
Refresh rate (Hz) :	≥1920
Cabinet Resolution (PX x PX) :	168X168
Avg. Power Consumption (W/m ²) :	262
Max. Power Consumption (W/m ²) :	784
Cabinet size (mm x mm) :	500X500
Cabinet weight (Kg) :	10.
Cabinet Thickness (mm) :	100
Protection Level :	IP40
Working environment :	Indoor

indoor

M Series / P3.91



Specification

Model :	M series
Pixel pitch (mm) :	3.91
Physical Density (dot/m ²) :	65536
LED Type :	SMD2020
Module size (mm x mm) :	250X250
Brightness (cd /m ²):	1200
Grey scale(bit) :	16
Refresh rate (Hz) :	≥1920
Cabinet Resolution (PX x PX) :	128X128
Avg. Power Consumption (W/m ²) :	200
Max. Power Consumption (W/m ²) :	600
Cabinet size (mm x mm) :	500X500
Cabinet weight (Kg) :	10
Cabinet Thickness (mm) :	100
Protection Level :	IP40
Working environment :	Indoor

indoor

M Series / P4.81



Specification

Model :	M series
Pixel pitch (mm) :	4.81
Physical Density (dot /m ²) :	43264
LED Type :	SMD2020
Module size (mm x mm) :	250X250
Brightness (cd /m ²):	1200
Grey scale(bit) :	16
Refresh rate (Hz) :	≥1920
Cabinet Resolution (PX x PX) :	104X104
Avg. Power Consumption (W/m ²) :	202
Max. Power Consumption (W/m ²) :	608
Cabinet size (mm x mm) :	500X500
Cabinet weight (Kg) :	10
Cabinet Thickness (mm) :	100
Protection Level :	IP40
Working environment :	Indoor

indoor

M Series / P5.95



Specification

Model :	M series
Pixel pitch (mm) :	5.95
Physical Density (dot /m ²) :	28224
LED Type :	SMD3528
Module size (mm x mm) :	250X250
Brightness (cd /m ²):	1200
Grey scale(bit) :	16
Refresh rate (Hz) :	≥1920
Cabinet Resolution (PX x PX) :	84X84
Avg. Power Consumption (W/m ²) :	221
Max. Power Consumption (W/m ²) :	664
Cabinet size (mm x mm) :	500X500
Cabinet weight (Kg) :	10
Cabinet Thickness (mm) :	100
Protection Level :	IP40
Working environment :	Indoor

outdoor

M Series / P3.91



Specification

Model :	M series
Pixel pitch (mm) :	3.91
Physical Density (dot /m ²) :	65536
LED Type :	SMD1921
Module size (mm x mm) :	250X250
Brightness (cd /m ²):	5000
Grey scale(bit) :	16
Refresh rate (Hz) :	≥1920
Cabinet Resolution (PX x PX) :	128X128
Avg. Power Consumption (W/m ²) :	240
Max. Power Consumption (W/m ²) :	720
Cabinet size (mm x mm) :	500X500
Cabinet weight (Kg) :	10
Cabinet Thickness (mm) :	100
Protection Level :	IP65
Working environment :	outdoor

outdoor

M Series / P4.81

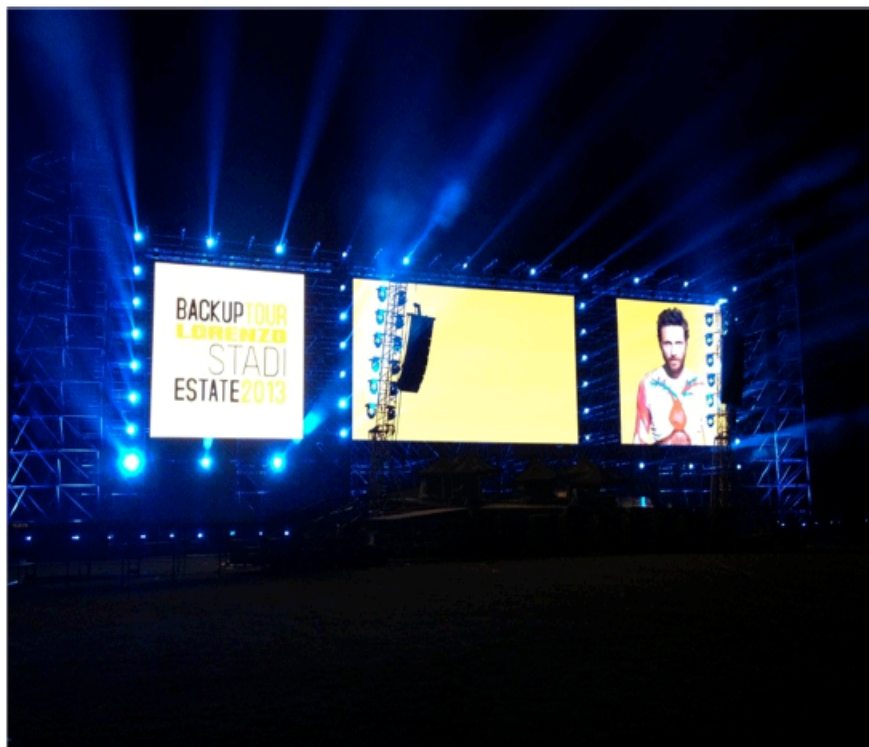


Specification

Model :	M series
Pixel pitch (mm) :	4.81
Physical Density (dot /m ²) :	43264
LED Type :	SMD2727
Module size (mm x mm) :	250X250
Brightness (cd /m ²) :	5000
Grey scale(bit) :	16
Refresh rate (Hz) :	≥1920
Cabinet Resolution (PX x PX) :	104X104
Avg. Power Consumption (W/m ²) :	248
Max. Power Consumption (W/m ²) :	744
Cabinet size (mm x mm) :	500X500
Cabinet weight (Kg) :	10
Cabinet Thickness (mm) :	100
Protection Level :	IP65
Working environment :	out door

outdoor

M Series / P5.95

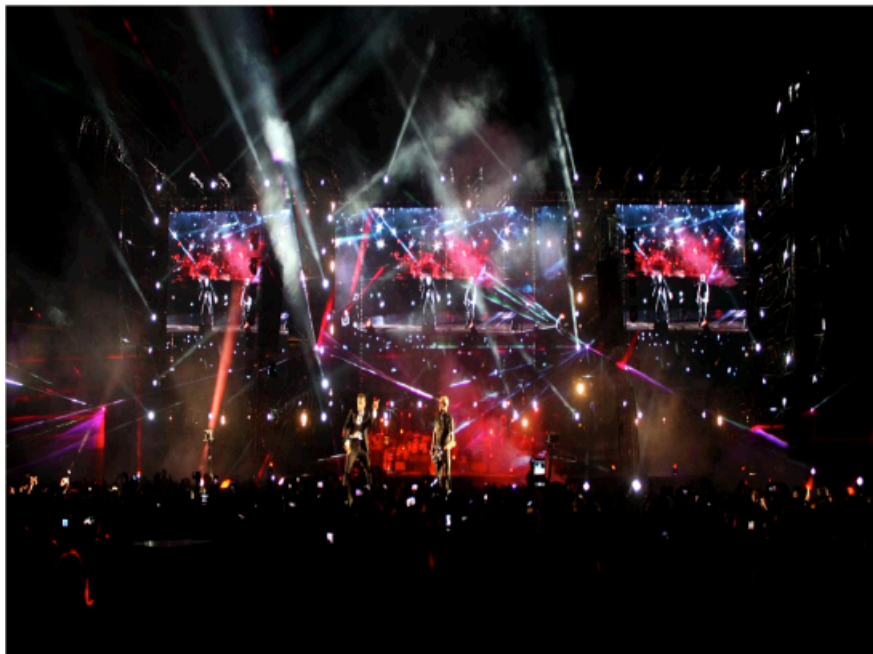


Specification

Model :	M series
Pixel pitch (mm) :	5.95
Physical Density (dot /m ²) :	28224
LED Type :	SMD2727
Module size (mm x mm) :	250X250
Brightness (cd /m ²) :	5500
Grey scale(bit) :	16
Refresh rate (Hz) :	≥1920
Cabinet Resolution (PX x PX) :	84X84
Avg. Power Consumption (W/m ²) :	213
Max. Power Consumption (W/m ²) :	640
Cabinet size (mm x mm) :	500X500
Cabinet weight (Kg) :	10
Cabinet Thickness (mm) :	100
Protection Level :	IP65
Working environment :	outdoor

outdoor

M Series / P6.944

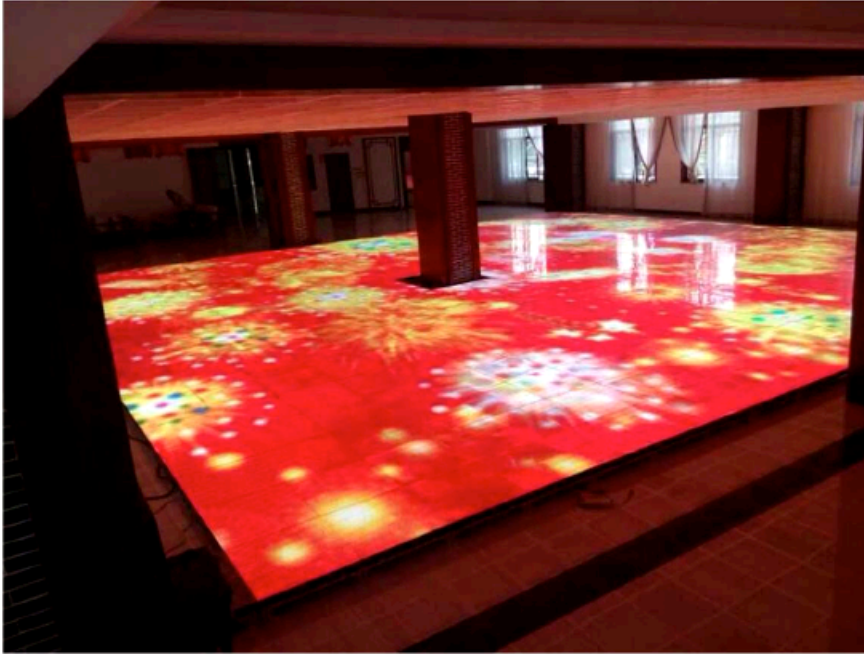


Specification

Model :	M series
Pixel pitch (mm) :	6.944
Physical Density (dot /m ²) :	20736
LED Type :	SMD3535
Module size (mm x mm) :	250X250
Brightness (cd /m ²):	5500
Grey scale(bit) :	16
Refresh rate (Hz) :	≥1920
Cabinet Resolution (PX x PX) :	72X72
Avg. Power Consumption (W/m ²) :	208
Max. Power Consumption (W/m ²) :	624
Cabinet size (mm x mm) :	500X500
Cabinet weight (Kg) :	10
Cabinet Thickness (mm) :	100
Protection Level :	IP65
Working environment :	out door

outdoor

M Series / P6.944 Dance floor



Specification

Model :	Dance Floor
Pixel pitch (mm) :	6.944
Physical Density (dot /m ²) :	20736
LED Type :	SMD3535
Module size (mm x mm) :	250X250
Brightness (cd /m ²) :	3500
Grey scale(bit) :	16
Refresh rate (Hz) :	≥1920
Cabinet Resolution (PX x PX) :	72X72
Avg. Power Consumption (W/m ²) :	208
Max. Power Consumption (W/m ²) :	624
Cabinet size (mm x mm) :	500X500
Cabinet weight (Kg) :	11.5
Cabinet Thickness (mm) :	110
Protection Level :	IP65
Working environment :	outdoor