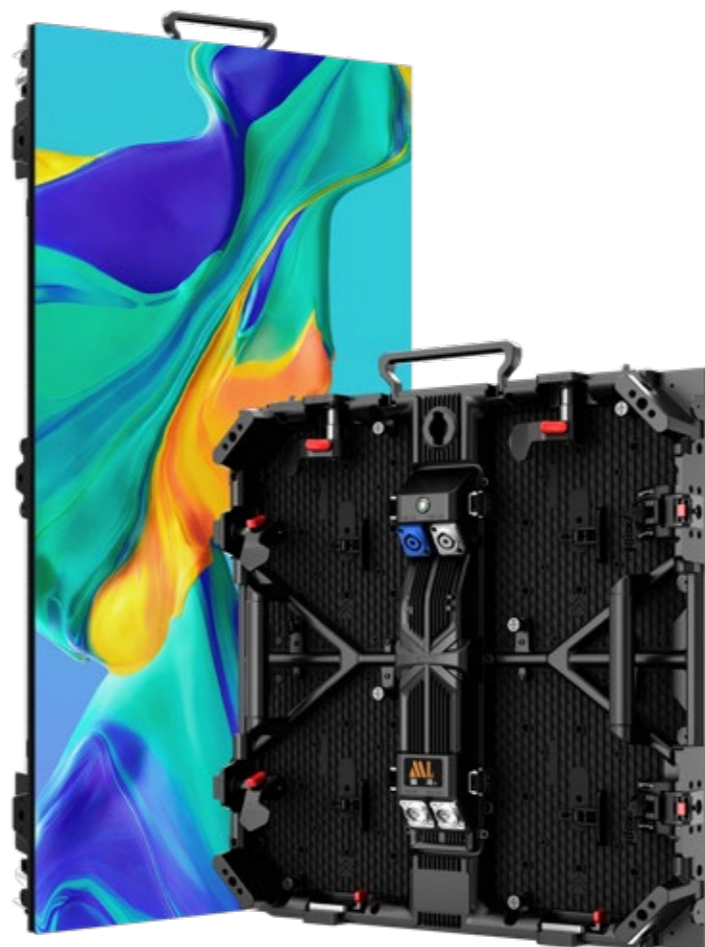


INTELLIGENT VIDEO SOLUTION PROVIDER



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③ 13600182866



MIGHTYLING
LED DISPLAY

M Series
LED Full Color Rental Display

About Mengling

Jiaying Mengling Information Technology Co., Ltd. was established in Shenzhen in 2020 as a branch of the LED Division, which is a professional ICT technical services enterprises. Mengling products are widely used in indoor and outdoor commercial media, sports stadiums, stage interpretation, shaped creative and other applications, to provide one-stop LED display integrated solutions. Nowadays, Mengling has more than 5000 successful cases in dozens of countries all over the world and has gained the trust of international famous brands and become prominent in international famous events.

Mengling adheres to the philosophy of "high-performance products, high-standard technology, high-quality service", adheres to the customer-centered, based on customer needs and continuous innovation, and has won the respect and trust of the customers. Mengling strictly implements the ISO9001:2008 quality system management to escort the product quality and achieve excellence. At present, all kinds of indoor and outdoor full-color LED displays independently researched and developed by the company have passed the domestic&international professional certificates, such as CE, FCC, RoHS, UL and so on.





M Series



500*1000 Standard Display



500*500 Standard Display



500*500 Flexible Display



Dual-size design



Lightweight design



High-brightness display



Inner and outer arc shape



Extremely easy to disassemble and install



Modular design

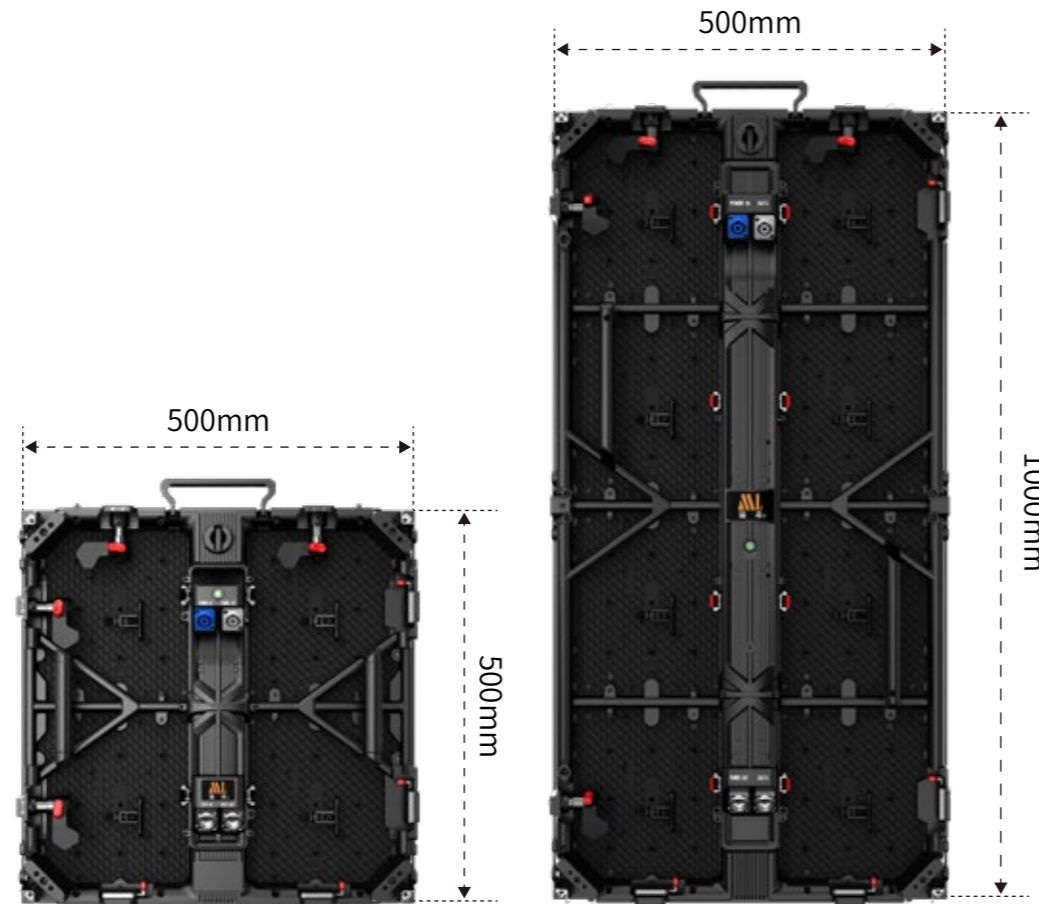
Lightweight Design

Lightweight design of the cabinet, more flexible when using, better operation experience.

500*500 cabinet
6kg±0.5(indoor)
6.5kg±0.5(outdoor)

500*1000 cabinet
11kg±0.5(indoor)
12kg±0.5(outdoor)

cabinet thickness
78mm(indoor)
78mm(outdoor)



High Refresh Rate and Contrast Ratio to Perfect Display

Realistic details and rich colors; Enjoy a better visual experience with 4000nits high brightness and 5000:1 contrast ratio



3840HZ High refresh rate



Low refresh rate

Platformized Design

The platform-based design allows different pitch modules to be used on the same cabinet. Convenient for customers to flexibly adjust the pitch and save costs



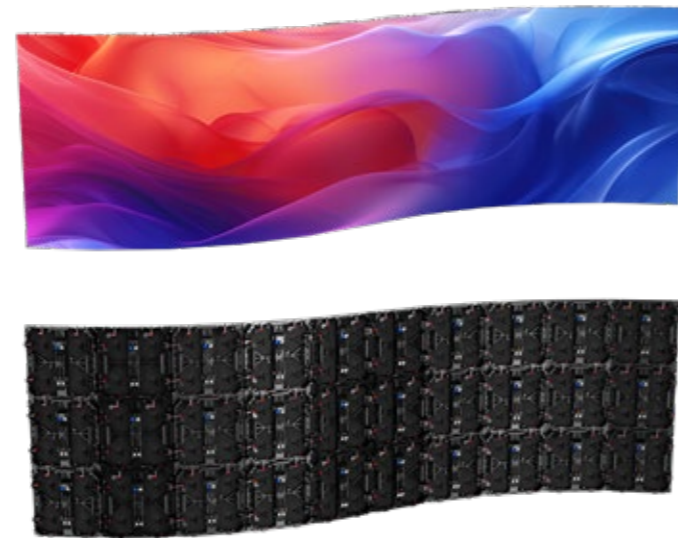
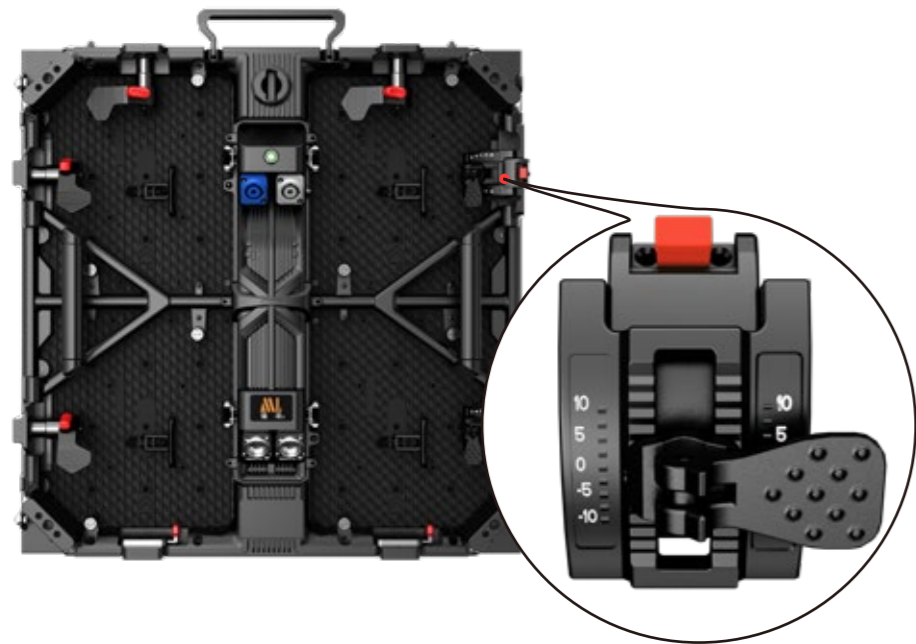
Practical Interface Design

The whole series is equipped with branded power supply plug interface and quality network cable interface to realize stable transmission of power and signal; Equipped with high quality cables, longer wire life and lower failure rate.



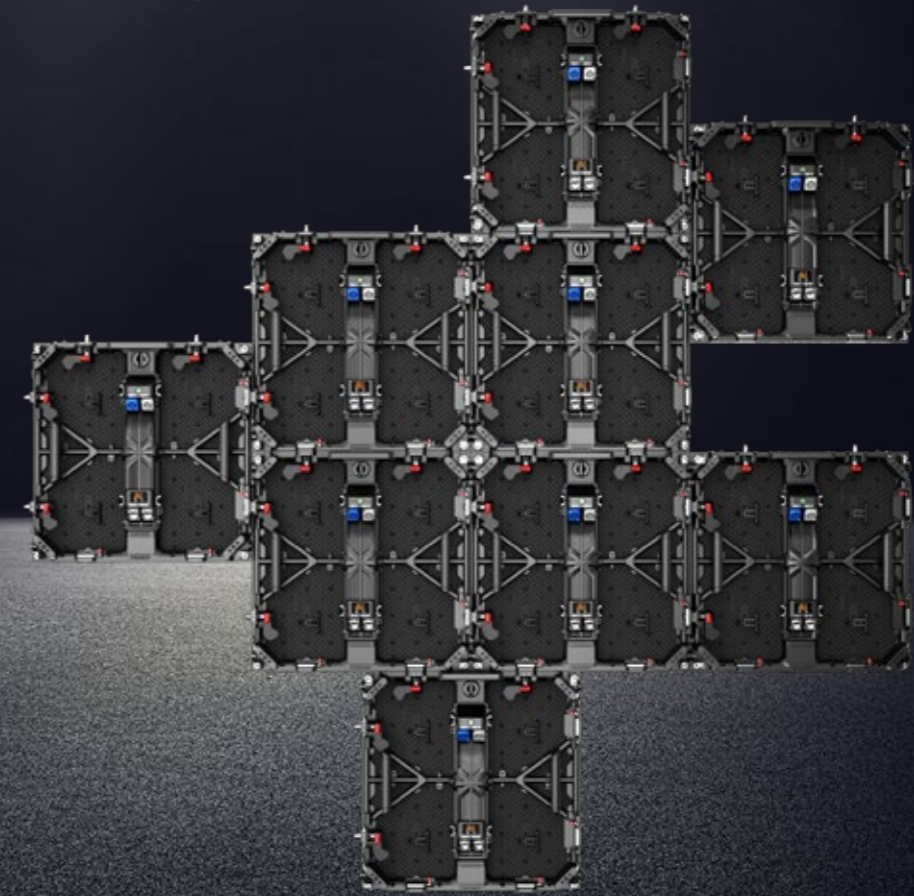
Curve Shape as You Wish

Support customized curve shaped cabinet and curve splicing with multi-angle
Include(-10°,-7.5°,-5°,-2.5°,0°,2.5°,5°,7.5°,10°)

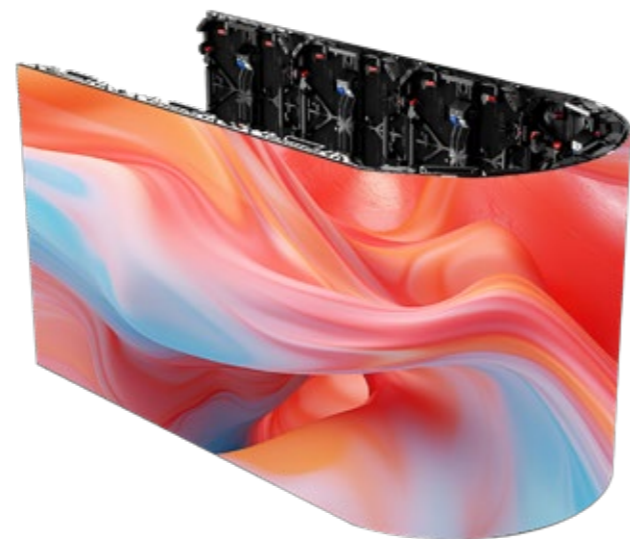


Flexible Splicing

Both straight and curved screen version support large and small cabinets to be spliced up and down to display.
Convenient for customers to make flexible adjustments according to the stage space



Patchwork Modeling



U shaped assembly



Flexible assembly



Annular assembly

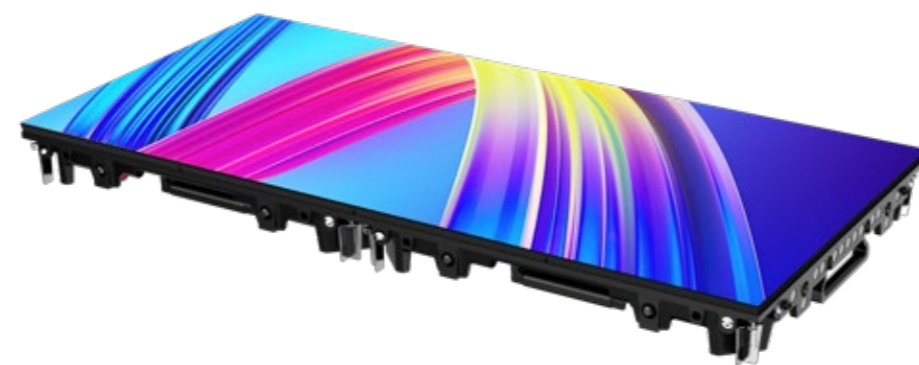
Installation Mode



Hanging to install



Back bracket



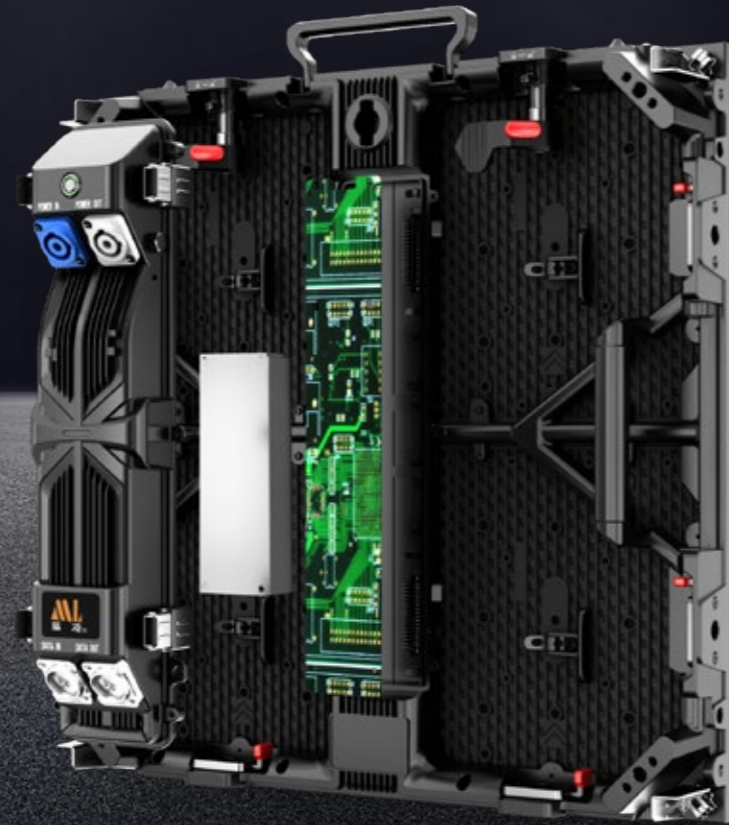
Installed as floor



Stacking to install

Integrated Modular Design

Integrated power box design, including power supply, receiver card, etc., can be removed by just undoing the clasp; Module adopts "magnetic suction + screw lock" double security design.



Areas of application

01

Various Activities



02

Commercial Meeting



03

Airport Supermarket



04

Outdoor Advertising



MR Series Product Parameters--Flexible Screen

Model	MR191(500*500Flexible Display)	MR261(500*500Flexible Display)	MR291(500*500Flexible Display)	MR391(500*500Flexible Display)
Pixel Pitch	1.953	2.604mm	2.976mm	3.91mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Type	SMD1415	SMD1515	SMD2020	SMD2020
Brightness (Max)	1000 nit	1000 nit	1000 nit	1000 nit
White Balance Brightness	800 nit	800 nit	800 nit	800 nit
Color Temperature	6500K-9300K (adjustable)	6500K-9300K (adjustable)	6500K-9300K (adjustable)	6500K-9300K (adjustable)
Viewing Angle	H160°/V140°	H160°/V140°	H160°/V140°	H160°/V140°
Pixel Density	262142dots/m ²	147456dots/m ²	112896dots/m ²	65536 dots/m ²
Module Size	W500mmxH250mm	W500mmxH250mm	W500mmxH250mm	W500mmxH250mm
Module Resolution	256x128 dots	192x96 dots	168x84 dots	128x64 dots
Cabinet Size	W500*H500*D78mm	W500*H500*D78mm	W500*H500*D78mm	W500*H500*D78mm
Cabinet Resolution	256*256 dots	256*256 dots	256*256 dots	256*256 dots
Cabinet Weight	7kg	7kg	7kg	7kg
Cabinet Material	AZ91D	AZ91D	AZ91D	AZ91D
Cabinet Aspect Ratio	1:1	1:1	1:1	1:1
IP Rating	IP30	IP30	IP30	IP30
Operating Temperature/Humidity	-30°C~+50°C/10%~90%RH	-30°C~+50°C/10%~90%RH	-30°C~+50°C/10%~90%RH	-30°C~+50°C/10%~90%RH
Storage Temperature/Humidity	-40°C~+80°C/10%~90%RH	-40°C~+80°C/10%~90%RH	-40°C~+80°C/10%~90%RH	-40°C~+80°C/10%~90%RH
Gray Scale	16 bits	14 bits	14 bits	14 bits
Contrast Ratio	5000:1	5000:1	5000:1	5000:1
Refresh Rate	7680 Hz	7680 Hz	3840 Hz	3840 Hz
Input power frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Input Voltage	AC110~220V (+/-10%)	AC220V (+/-10%)	AC110~220V (+/-10%)	AC110~220V (+/-10%)
Input Power (Max)	<580W/m ²	<580W/m ²	<580W/m ²	<580W/m ²
Input Power (Avg)	<200W/m ²	<180W/m ²	<180W/m ²	<180W/m ²
Installation Mode	Floor Mounted/Hanging	Floor Mounted/Hanging	Floor Mounted/Hanging	Floor Mounted/Hanging
Maintenance Mode	Rear Maintenance	Rear Maintenance	Rear Maintenance	Rear Maintenance
Driving Type	Constant Current, 1/16 Scanning	Constant Current, 1/24 Scanning	Constant Current, 1/21 Scanning	Constant Current, 1/16 Scanning
Signal Transmission Distance	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)			
LED Package Manufacturer	kinglight 1415	rayshine 1515	kinglight 2020	kinglight 2020
Power Supply	WVP/ND JN200W	WVP/ND 200W	WVP/ND 200W	WVP/ND 200W
Driver Chips	ICN2055(Chipone)	ICN2153(Chipone)	ICN2153(Chipone)	ICN2153(Chipone)
Receiving Card	A8S PLUS (Nova)	A5S PLUS (Nova)	A5S PLUS (Nova)	A5S PLUS (Nova)
Cabinet flatness	≤0.15mm	≤0.15mm	≤0.15mm	≤0.2mm



CASE

