

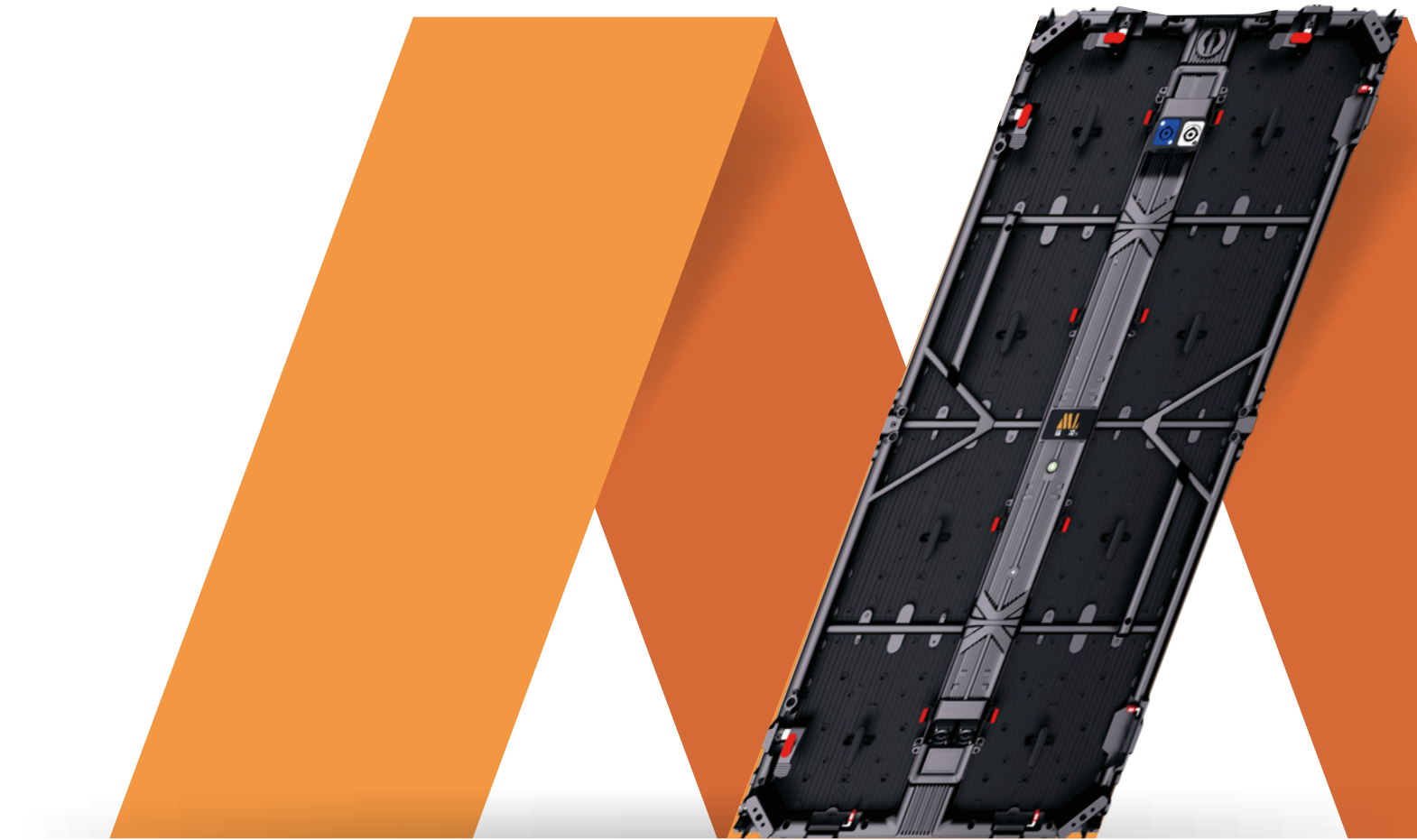


JIAXING MENGLING INFORMATION TECHNOLOGY CO., LTD.

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🌐 <http://www.mightyling.com>

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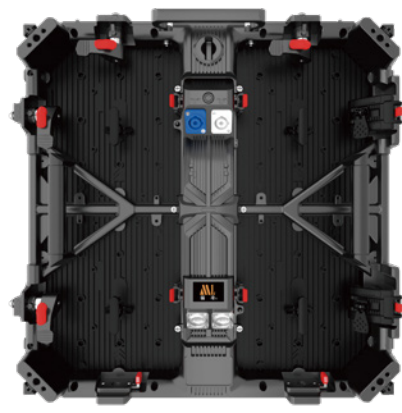


M Series

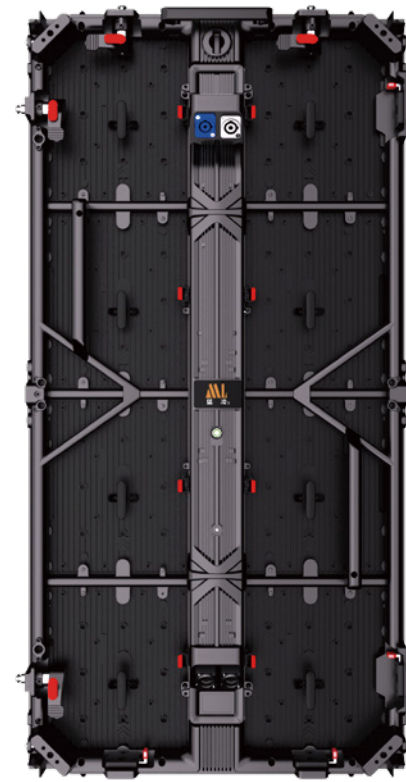
MR191 / MR261 / MR291 / MR391
M191 / M261 / M291 / M391
M290 / M390 /



500*500 Flexible Display



500*500 Standard Display



500*1000 Standard Display



Dual-size design



Lightweight design



High-brightness display



Inner and outer arc shape



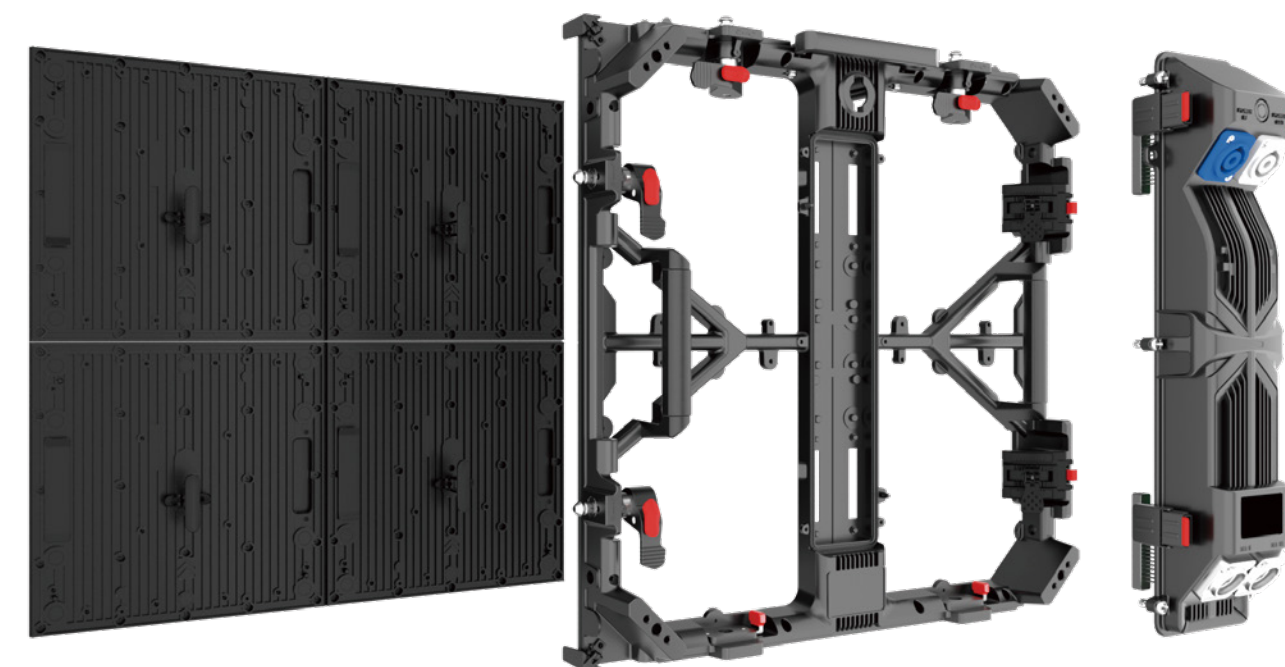
Extremely easy to disassemble and install



Modular design

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.



Lightweight Design

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

500*500 cabinet

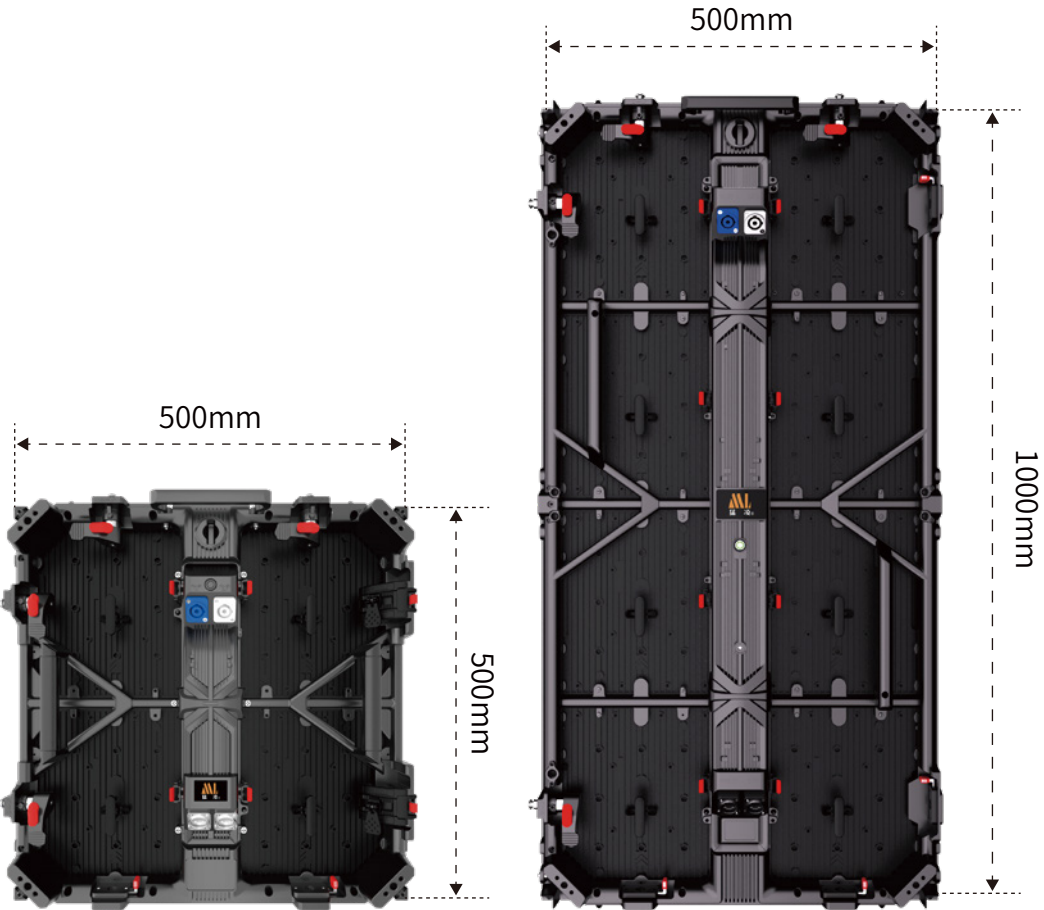
6.5kg±0.5(indoor)
7.0kg±0.5(outdoor)

500*1000 cabinet

10.5kg±0.5(indoor)
11.5kg±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 4500nits high brightness and 5000:1 contrast ratio.



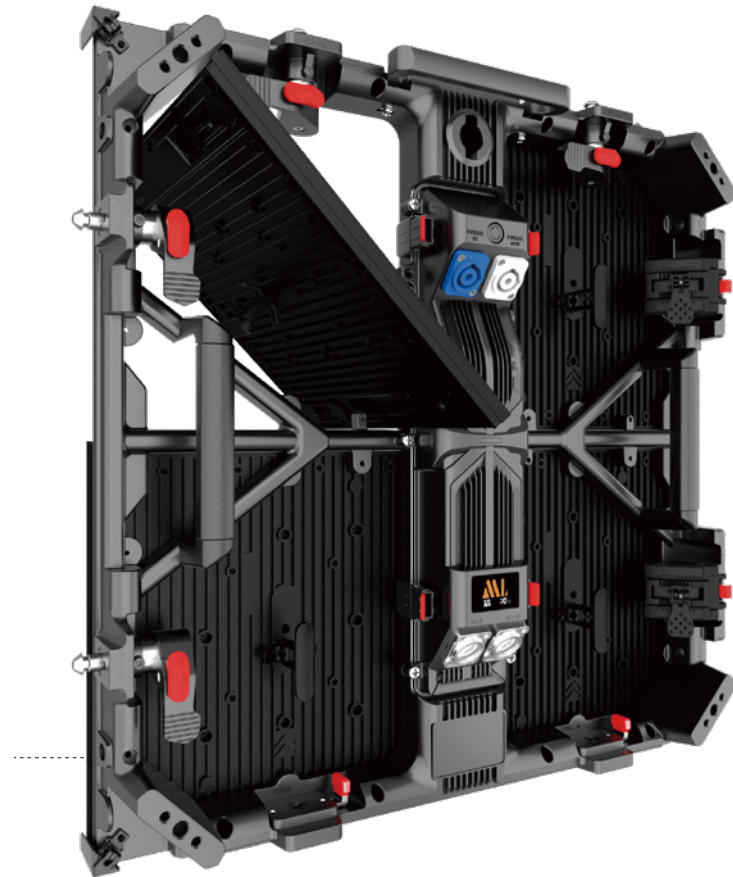
7680HZ High refresh rate



Low refresh rate

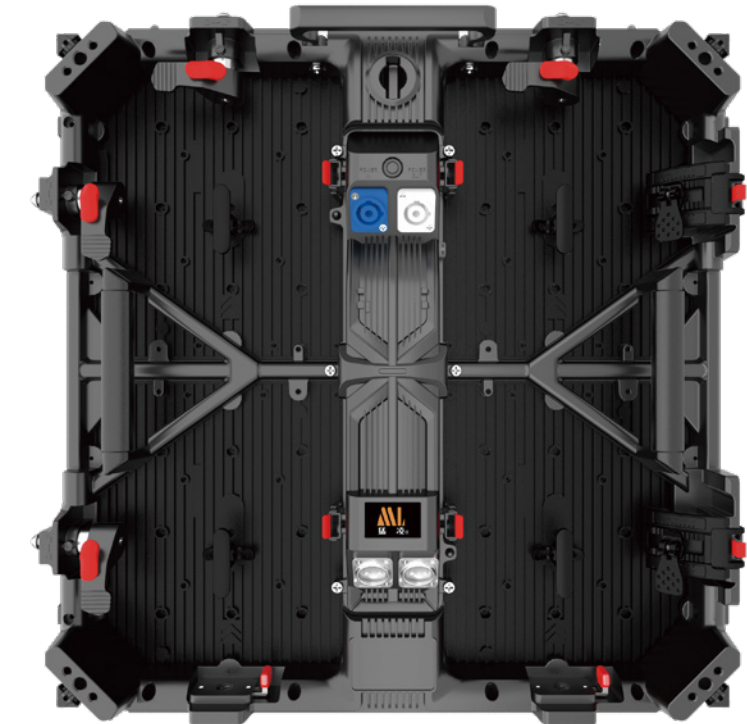
Platformized Design

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.



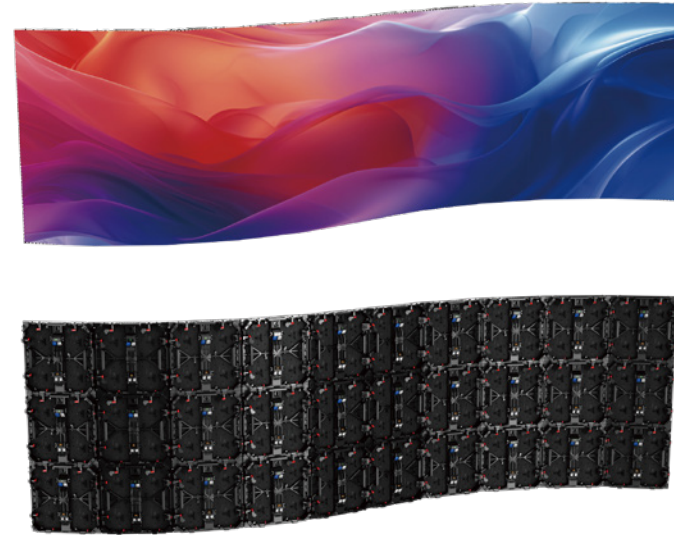
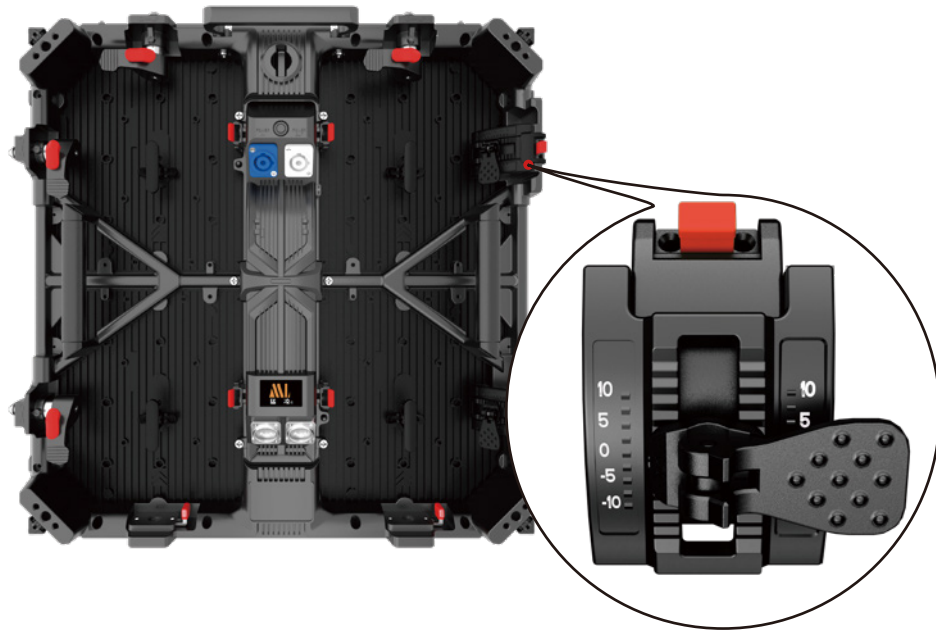
Practical Interface Design

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.



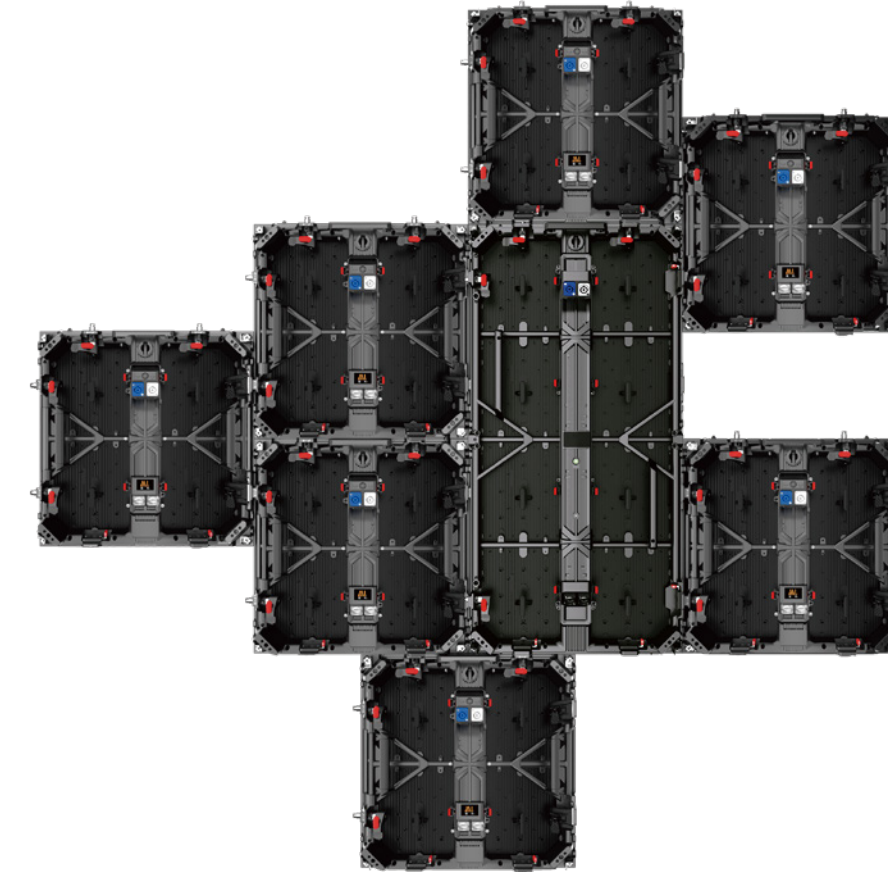
Curve Shape as You Wish

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°).

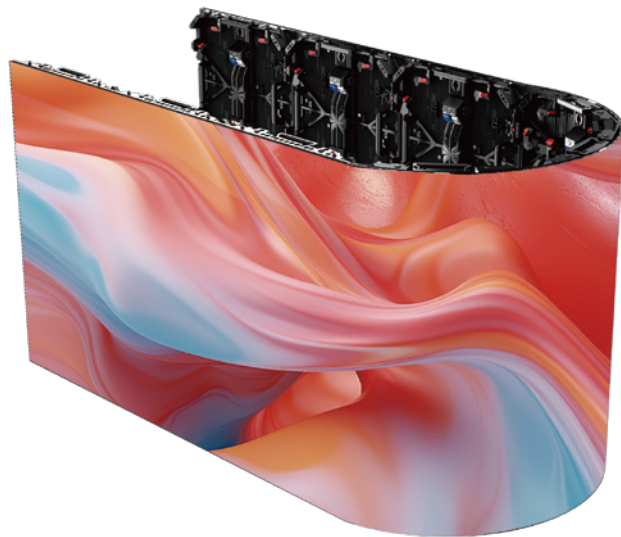
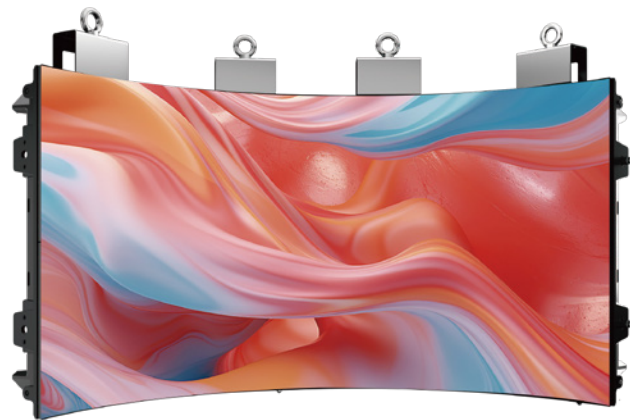


Flexible Splicing

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.



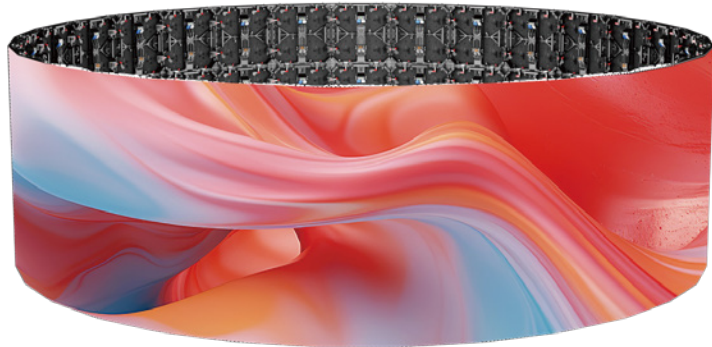
Patchwork Modeling



U shaped assembly



Flexible assembly



Annular assembly

Installation Mode



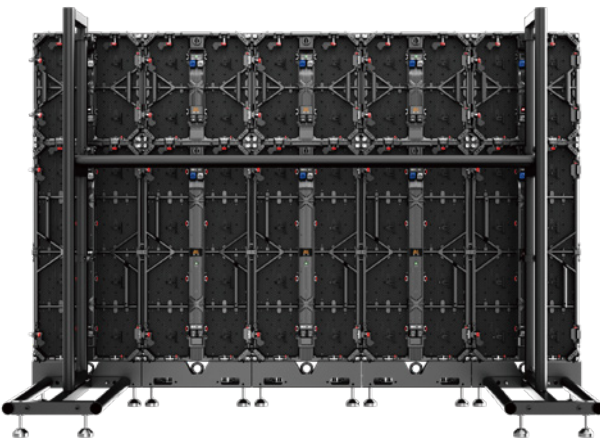
Hanging to install



Back bracket



Installed as floor



Stacking to install

M Series Product Parameters-Indoor

Model	M191(500*500 Standard Cabinet)	M261(500*500 Standard Cabinet)	M291(500*500 Standard Cabinet)	M391(500*500 Standard Cabinet)	M391(500*1000 Standard Cabinet)
Pixel Pitch	1.953	2.604mm	2.976mm	3.91mm	3.91mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Type	SMD1010	SMD1415	SMD2020	SMD2020	SMD2020
Brightness (Max)	1000 nit	1000 nit	1000 nit	1000 nit	1000 nit
White Balance Brightness	800 nit	800 nit	800 nit	800 nit	800 nit
Color Temperature	6500K-9300K (adjustable)	6500K-9300K (adjustable)	6500K-9300K (adjustable)	6500K-9300K (adjustable)	6500K-9300K (adjustable)
Viewing Angle	H160°/V140°	H160°/V140°	H160°/V140°	H160°/V140°	H160°/V140°
Pixel Density	262142 dots/m²	147456 dots/m²	112896 dots/m²	65536 dots/m²	65536 dots/m²
Module Size	W500mmxH250mm	W250mmxH250mm	W250xH250mm	W250mmxH250mm	W250mmxH250mm
Module Resolution	256x128 dots	96x96 dots	84x84 dots	64x64 dots	64x64 dots
Cabinet Size	W500*H500*D78mm	W500*H500*D78mm	W500*H500*D78mm	W500*H500*D78mm	W500*H1000*D78mm
Cabinet Resolution	256x256 dots	192x192 dots	168x168 dots	128x128 dots	128x256 dots
Cabinet Weight	6.5kg±0.5	6.5kg±0.5	6.5kg±0.5	6.5kg±0.5	10.5kg±0.5
Cabinet Material	AZ91D	AZ91D	AZ91D	AZ91D	AZ91D
Cabinet Aspect Ratio	1:1	1:1	1:1	1:1	1:02
IP Rating	Front IP20/Rear IP20	Front IP20/Rear IP20	Front IP20/Rear IP20	Front IP20/Rear IP20	Front IP20/Rear IP20
Operating Temperature/Humidity	-10°C~-+40°C/10%~80%RH	-10°C~-+40°C/10%~80%RH	-10°C~-+40°C/10%~80%RH	-10°C~-+40°C/10%~80%RH	-10°C~-+40°C/10%~80%RH
Storage Temperature/Humidity	-20°C~-+60°C/10%~80%RH	-20°C~-+60°C/10%~80%RH	-20°C~-+60°C/10%~80%RH	-20°C~-+60°C/10%~80%RH	-20°C~-+60°C/10%~80%RH
Gray Scale	14 bits	14 bits	14 bits	14 bits	14 bits
Contrast Ratio	5000:1	5000:1	5000:1	5000:1	5000:1
Refresh Rate	3840 Hz-7680Hz	3840Hz-7680Hz	3840Hz-7680Hz	3840Hz-7680Hz	3840Hz-7680Hz
Input power frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Input Voltage	AC110~220V (+/-10%)	AC110~220V (+/-10%)	AC110~220V (+/-10%)	AC110~220V (+/-10%)	AC110~220V (+/-10%)
Input Power (Max)	<580W/m²	<580W/m²	<580W/m²	<580W/m²	<580W/m²
Input Power (Avg)	<200W/m²	<180W/m²	<180W/m²	<180W/m²	<180W/m²
Installation Mode	Floor Mounted/Hanging	Floor Mounted/Hanging	Floor Mounted/Hanging	Floor Mounted/Hanging	Floor Mounted/Hanging
Maintenance Mode	Front/Rear Maintenance	Front/Rear Maintenance	Front/Rear Maintenance	Front/Rear Maintenance	Front/Rear Maintenance
Driving Type	Constant Current, 1/32 Scanning	Constant Current, 1/24 Scanning	Constant Current, 1/21 Scanning	Constant Current, 1/16 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 1010	kinglight 1415	kinglight 2020	kinglight 2020	kinglight 2020
Power Supply	WVP/ND JN200W	WVP/ND JN200W	WVP/ND JN200W	WVP/ND JN200W	WVP/ND JN200W
Driver Chips	ICN2153(Chipone)	ICN2153(Chipone)	ICN2153(Chipone)	ICN2153(Chipone)	ICN2153(Chipone)
Receiving Card	A8S PLUS (Nova)	A8S PLUS (Nova)	A8S PLUS (Nova)	A8S PLUS (Nova)	A8S PLUS (Nova)
Cabinet flatness	≤0.2m	≤0.2m	≤0.2m	≤0.2m	≤0.2m

M Series Product Parameters-Outdoor

Model	M290(500*500 Standard Cabinet)	M290(500*1000 Standard Cabinet)	M390(500*500 Standard Cabinet)	M390(500*1000 Standard Cabinet)
Pixel Pitch	2.976mm	2.976mm	3.91mm	3.91mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Type	SMD1515	SMD1515	SMD1820	SMD1820
Brightness (Max)	5000 nit	5000 nit	5000 nit	5000 nit
White Balance Brightness	4500 nit	4500 nit	4500 nit	4500 nit
Color Temperature	6500K-9300K (adjustable)	6500K-9300K (adjustable)	6500K-9300K (adjustable)	6500K-9300K (adjustable)
Viewing Angle	H140°/V140°	H140°/V140°	H140°/V140°	H140°/V140°
Pixel Density	112896 dots/m²	112896 dots/m²	65536 dots/m²	65536 dots/m²
Module Size	W250mmxH250mm	W250mmxH250mm	W250mmxH250mm	W250mmxH250mm
Module Resolution	84x84 dots	84x84 dots	64x64 dots	64x64 dots
Cabinet Size	W500*H500*D78mm	W500*H1000*D78mm	W500*H500*D78mm	W500*H1000*D78mm
Cabinet Resolution	168x168 dots	168x336 dots	128x128 dots	128x256 dots
Cabinet Weight	7.0kg±0.5	11.5kg±0.5	7.0kg±0.5	11.5kg±0.5
Cabinet Material	AZ91D	AZ91D	AZ91D	AZ91D
Cabinet Aspect Ratio	1:1	1:02	1:1	1:02
IP Rating	Front IP65/Rear IP65	Front IP65/Rear IP65	Front IP65/Rear IP65	Front IP65/Rear IP65
Operating Temperature/Humidity	-10°C~-+40°C/10%~80%RH	-10°C~-+40°C/10%~80%RH	-10°C~-+40°C/10%~80%RH	-10°C~-+40°C/10%~80%RH
Storage Temperature/Humidity	-20°C~-+60°C/10%~80%RH	-20°C~-+60°C/10%~80%RH	-20°C~-+60°C/10%~80%RH	-20°C~-+60°C/10%~80%RH
Gray Scale	14 bits	14 bits	14 bits	14 bits
Contrast Ratio	5000:1	5000:1	5000:1	5000:1
Refresh Rate	3840Hz-7680Hz	3840Hz-7680Hz	3840Hz-7680Hz	3840Hz-7680Hz
Input power frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Input Voltage	AC110~220V (+/-10%)	AC110~220V (+/-10%)	AC110~220V (+/-10%)	AC110~220V (+/-10%)
Input Power (Max)	<580W/m²	<580W/m²	<580W/m²	<580W/m²
Input Power (Avg)	<180W/m²	<180W/m²	<180W/m²	<180W/m²
Installation Mode	Floor Mounted/Hanging	Floor Mounted/Hanging	Floor Mounted/Hanging	Floor Mounted/Hanging
Maintenance Mode	Front/Rear Maintenance	Front/Rear Maintenance	Front/Rear Maintenance	Front/Rear Maintenance
Driving Type	Constant Current,1/21 Scanning	Constant Current,1/21 Scanning	Constant Current,1/16 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 1515	kinglight 1515	kinglight 1820	kinglight 1820
Power Supply	WVP/ND JN200W	WVP/ND JN200W	WVP/ND JN200W	WVP/ND JN200W
Driver Chips	ICN2153(Chipone)	ICN2153(Chipone)	ICN2153(Chipone)	ICN2153(Chipone)
Receiving Card	A8S PLUS (Nova)	A8S PLUS (Nova)	A8S PLUS (Nova)	A8S PLUS (Nova)
Cabinet flatness	≤0.2m	≤0.2m	≤0.2m	≤0.2m

MR Series Product Parameters-Flexible Screen

Model	MR191(500*500 Flexible Display)	MR261(500*500 Flexible Display)	MR291(500*500 Flexible Display)	MR391(500*500 Flexible 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/m²	147456dots/m²	112896dots/m²	65536 dots/m²
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/m²	<580W/m²	<580W/m²	<580W/m²
Input Power (Avg)	<200W/m²	<180W/m²	<180W/m²	<180W/m²
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

LED Stage Rental Screen

The product features a modular design, making it thin, lightweight and convenient. It has the function of quick installation and can be installed both from the front and the back. With a flexible curved surface and the ability to splice in multiple series, it brings you a brand-new user experience.

