

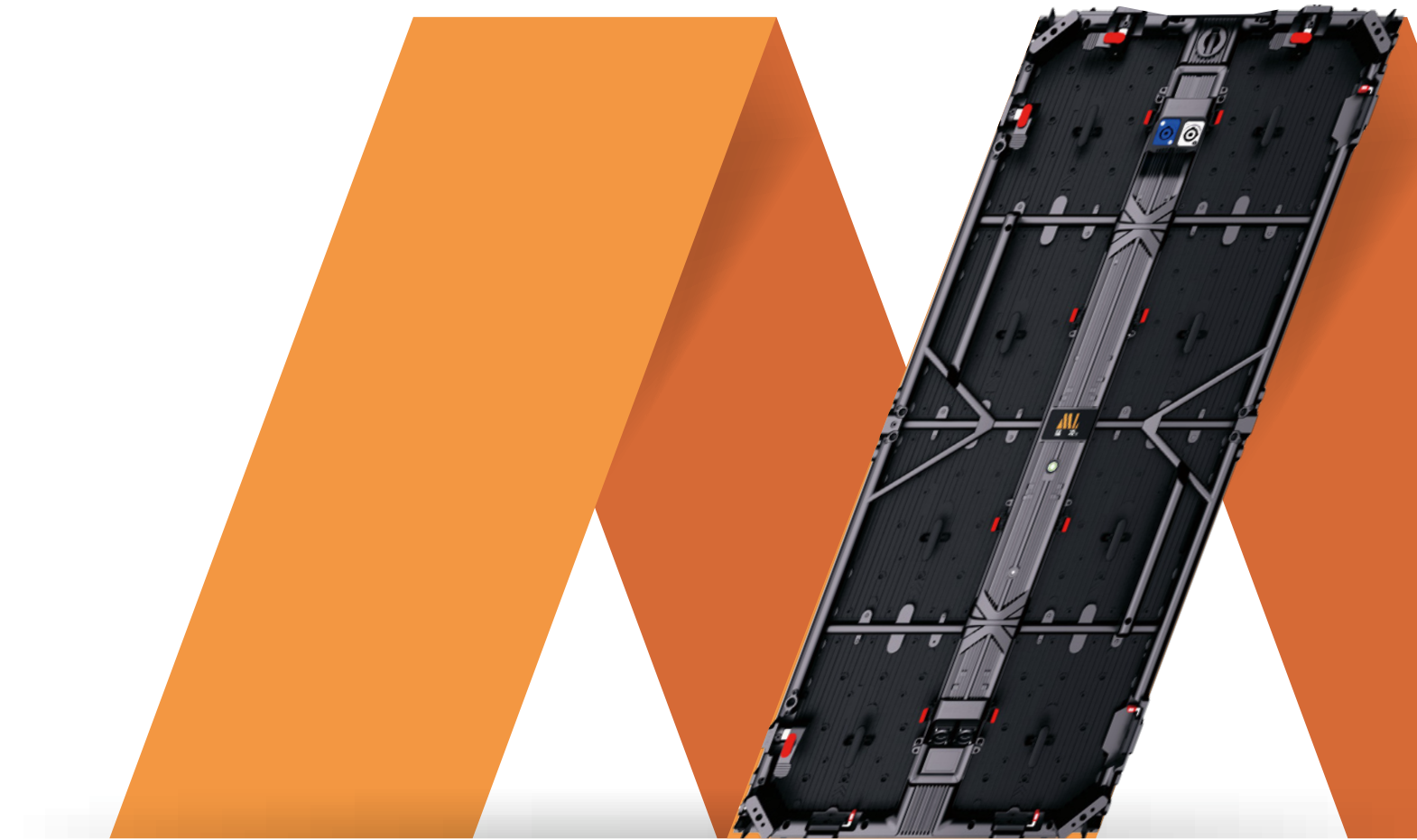


JIAXING MENGLING INFORMATION TECHNOLOGY CO., LTD.

📍 No.9 Furong Road, Songgang Street, Bao'an District, Shenzhen

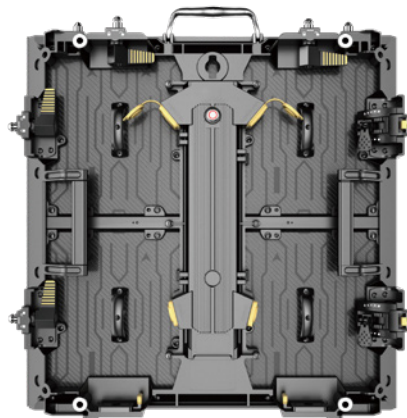
🌐 <http://www.mightyling.com>

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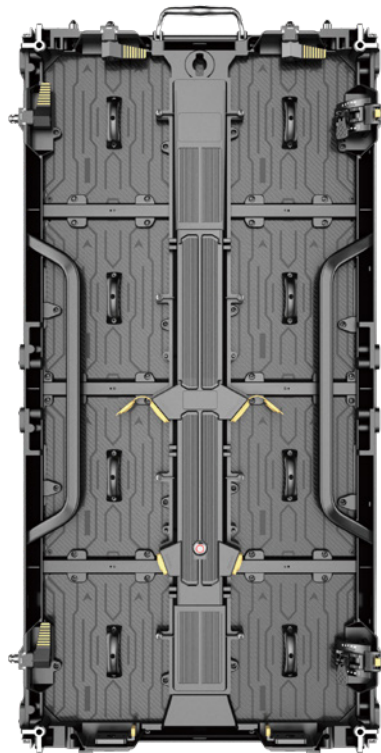


Q Series

Q191/Q261/Q291/Q391/Q390



500*500 Standard Display



500*1000 Standard Display



Lightweight design



High-brightness display



Inner and outer arc shape



Extremely easy to disassemble and install



Modular design

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

Lightweight Design

Lightweight design of the case. More flexible in use. Better product operation experience.



500*500 cabinet

7.0kg±0.5(indoor)

7.4kg±0.5(outdoor)



500*1000 cabinet

12.0kg±0.5(indoor)

12.4kg±0.5(outdoor)



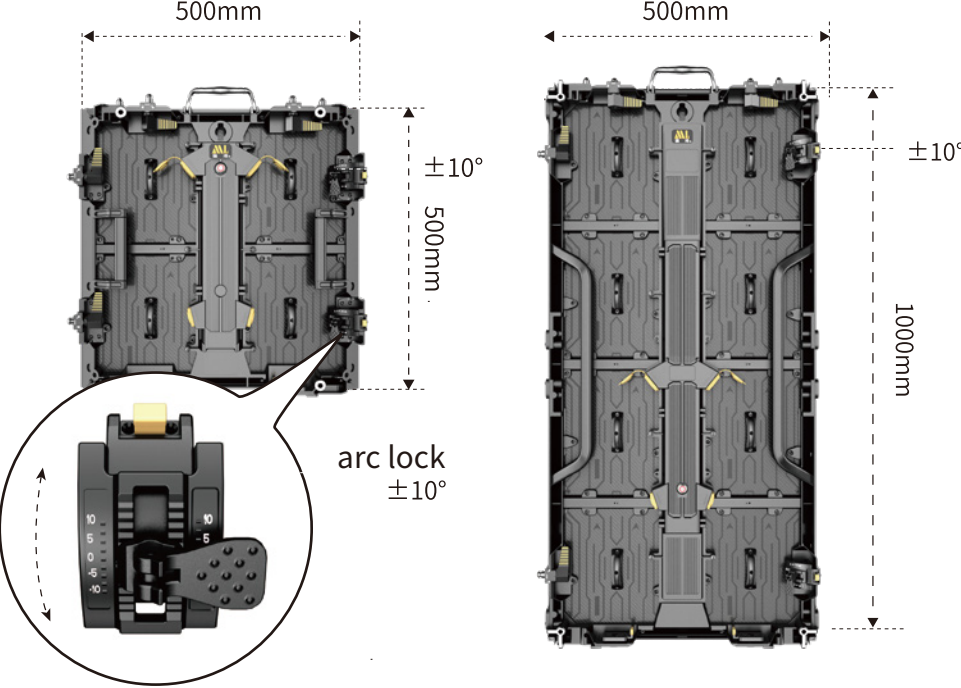
arc lock

±10°



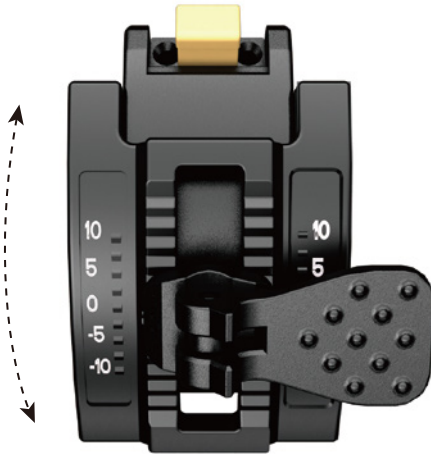
cabinet thickness

64mm



Curve shape as you wish

Support inner arc, outer arc splicing, to create a variety of arc shape, to meet different customer needs.



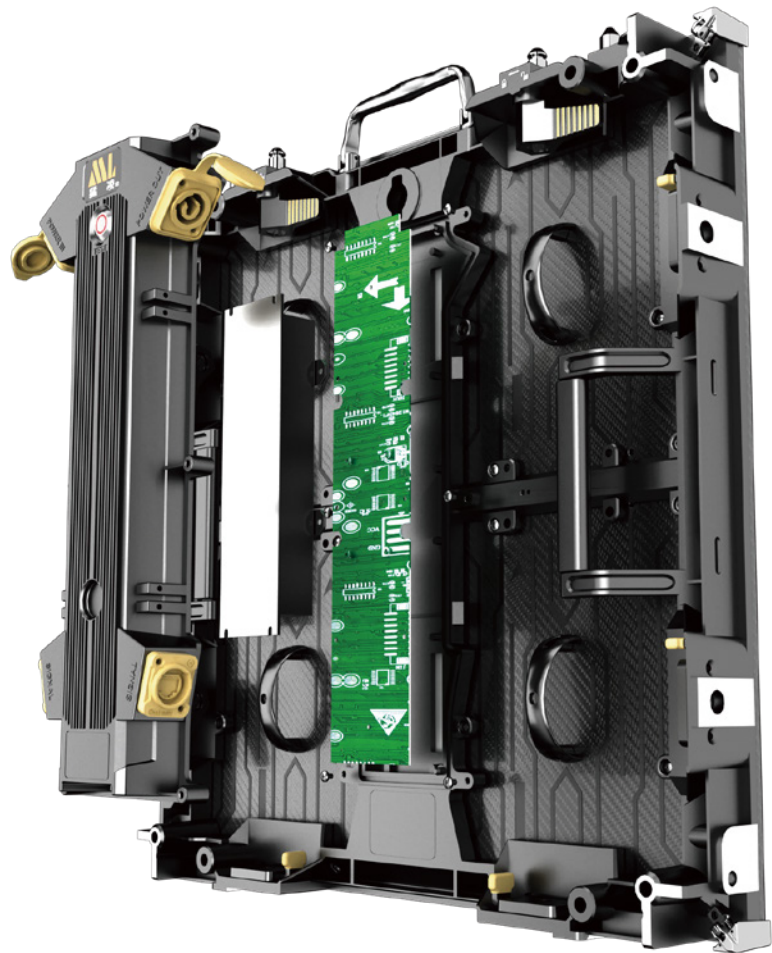
- Arc lock supports multiple angle adjustments from -10° to +10° (in 2.5° increments)



- inner and outer arc splicing effect

Integrated Modular Design

Integrated power box design, including power supply, receiver card, etc.
Module adopts "magnetic suction + screw lock" double security design.



Q Series Product Parameters

	Indoor	Indoor	Indoor	Indoor	Outdoor
Model	Q191	Q261	Q291	Q391	Q390
Pixel Pitch	1.953mm	2.604mm	2.976mm	3.91mm	3.91mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Type	SMD1415 (GOB)	SMD1415	SMD2020	SMD2020	SMD1820
Brightness (Max)	1000 nit	1000 nit	1000 nit	1000 nit	4000 nit
White Balance Brightness	800 nit	800 nit	800 nit	800 nit	3500 nit
Color Temperature	6500K-9300K (adjustable)	6500K-9300K (adjustable)	6500K-9300K (adjustable)	6500K-9300K (adjustable)	6500K-9300K (adjustable)
Viewing Angle	H160°/140°	H160°/140°	H160°/140°	H160°/140°	H160°/140°
Pixel Density	262144dots/m²	147456dots/m²	112896dots/m²	65536dots/m²	65536dots/m²
Module Size	W250xH250mm	W250xH250mm	W250xH250mm	W250xH250mm	W250xH250mm
Module Resolution	128x128 dots	96x96 dots	84x84 dots	64x64 dots	64x64 dots
Module Depth	13.4mm	13.4mm	13.4mm	13.4mm	13.4mm
Module Weight	0.63kg±0.01	0.567kg±0.01	0.567kg±0.01	0.567kg±0.01	0.567kg±0.01
Cabinet Size	W500xH500xD64mm	W500xH500xD64mm	W500xH500xD64mm	W500xH500xD64mm	W500xH500xD64mm
Cabinet Resolution	256x256	192x192	168x168	128x128	128x128
Cabinet Weight	6.8 kg±0.5	6.8 kg±0.5	6.8 kg±0.5	6.8 kg±0.5	6.8 kg±0.5
Cabinet Material	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum
IP Rating	Front IP20/Rear IP20	Front IP20/Rear IP20	Front IP20/Rear IP20	Front IP20/Rear IP20	Front IP65/Rear IP65
Operating Temperature/Humidity	-10°C~+40°C/10%~80%RH	-30°C~+50°C/10%~90%RH	-10°C~+40°C/10%~80%RH	-30°C~+50°C/10%~90%RH	-30°C~+50°C/10%~90%RH
Storage Temperature/Humidity	-20°C~+60°C/10%~80%RH	-40°C~+80°C/10%~90%RH	-20°C~+60°C/10%~80%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	14 bits
Contrast Ratio	3000:1	3000:1	3000:1	3000:1	3000:1
Refresh Rate	7680 Hz	3840 Hz	3840 Hz	3840 Hz	3840 Hz
Input power frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Input Voltage	AC110~220V (+/-10%)	AC100~240V (+/-10%)	AC110~220V (+/-10%)	AC100~240V (+/-10%)	AC100~240V (+/-10%)
Input Power (Max)	<580W/m²	<580W/m²	<580W/m²	<580W/m²	<580W/m²
Input Power (Avg)	<200W/m²	<180W/m²	<200W/m²	<180W/m²	<180W/m²
Installation Mode	Floor Mounted/Hanging	Floor Mounted/Hanging	Floor Mounted/Hanging	Floor Mounted/Hanging	Floor Mounted/Hanging
Maintenance Mode	Rear Maintenance	Front/Rear Maintenance	Rear Maintenance	Front/Rear Maintenance	Front/Rear Maintenance
Signal transmission distance	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)				
LED Package Manufacturer	Kinglight 1415	Kinglight 1415	Kinglight 2020	Kinglight 2020	Kinglight 1820
Power Supply	WVP/ND 200W	WVP/ND 200W	WVP/ND 200W	WVP/ND 200W	WVP/ND 200W
Driver Chips	ICN2155(Chipone)	ICN2153(Chipone)	ICN2153(Chipone)	ICN2153(Chipone)	ICN2153(Chipone)
Receiving Card	A5S PLUS (Nova)	A5S PLUS (Nova)	A5S PLUS (Nova)	A5S PLUS (Nova)	A5S PLUS (Nova)