

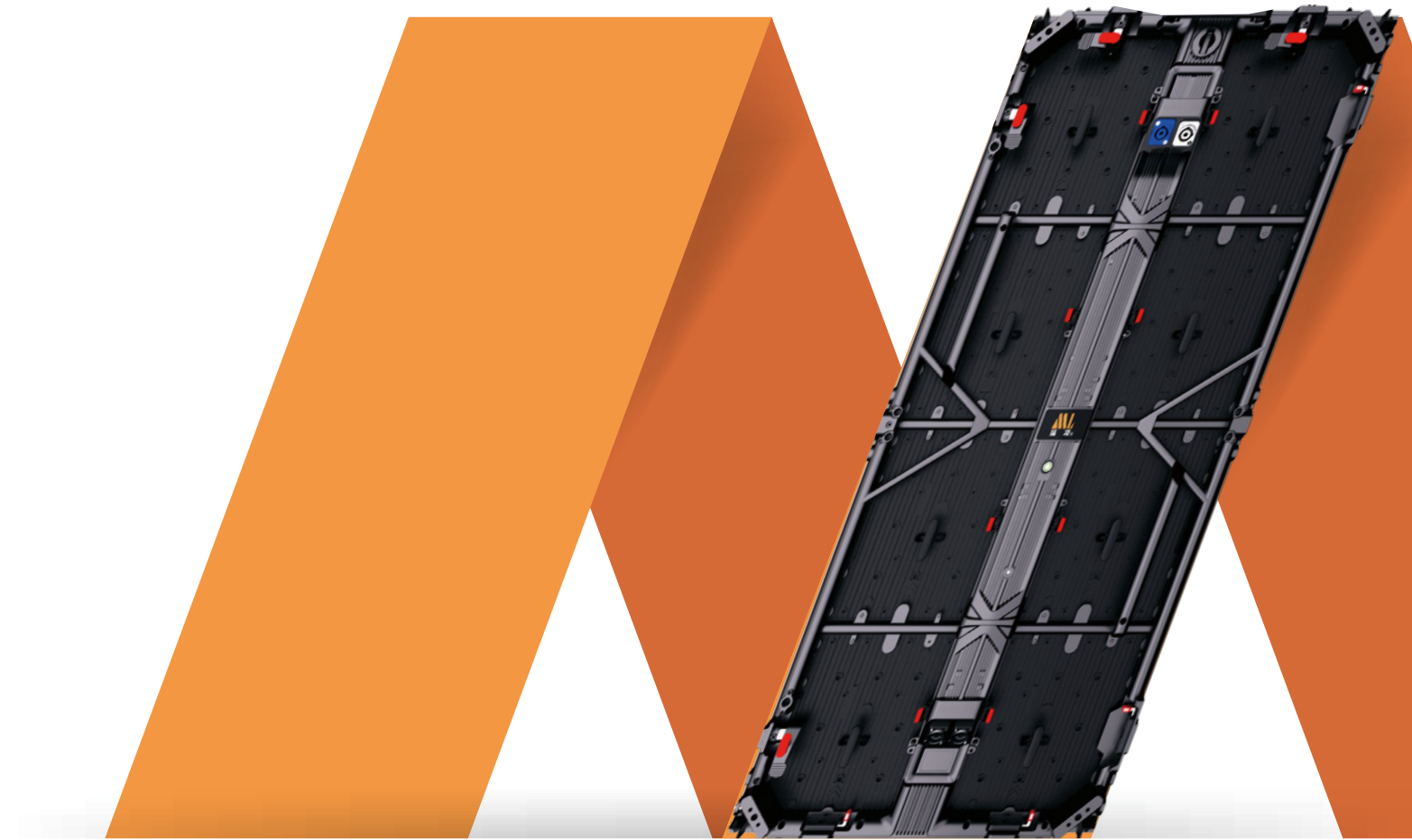


JIAXING MENGLING INFORMATION TECHNOLOGY CO., LTD.

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JIAXING MENGLING INFORMATION TECHNOLOGY CO., LTD.



K Series

K191/K261/K291/K391
K290/K390/K480



500*500 Standard Display



500*1000 Standard Display



High protection level



Wide viewing angle design



High-brightness display



Inner and outer curved 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.



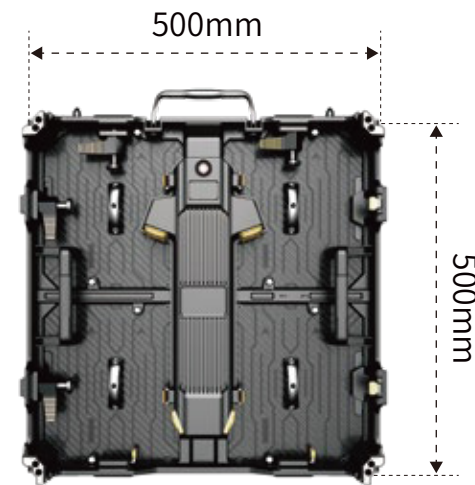
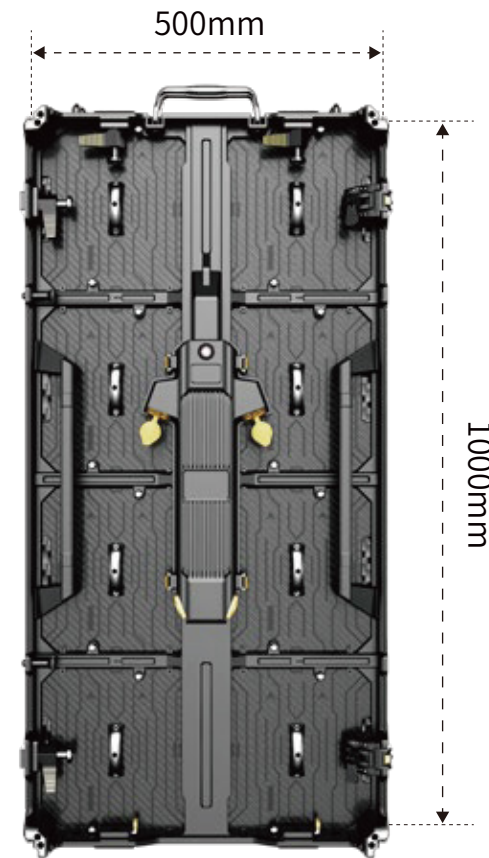
7680HZ High Contrast Ratio



Low Contrast Ratio

Lightweight design

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



-  500*500 cabinet
7.6kg $\pm$ 0.5 (indoor)
8.0kg $\pm$ 0.5 (outdoor)
-  500*1000 cabinet
12.5kg $\pm$ 0.5 (indoor)
13.0kg $\pm$ 0.5 (outdoor)
-  arc lock
 $\pm 10^\circ$
-  cabinet thickness
83mm

Curve shape as you wish

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



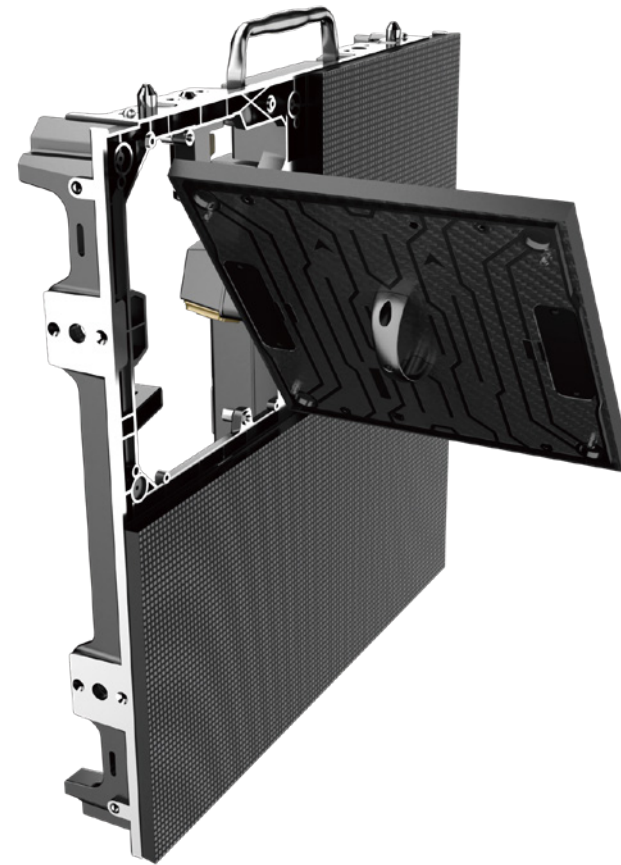
- Arc lock supports multiple angle adjustments from -10° to $+10^\circ$ (in 2.5° increments)



- Inner and outer arc splicing effect

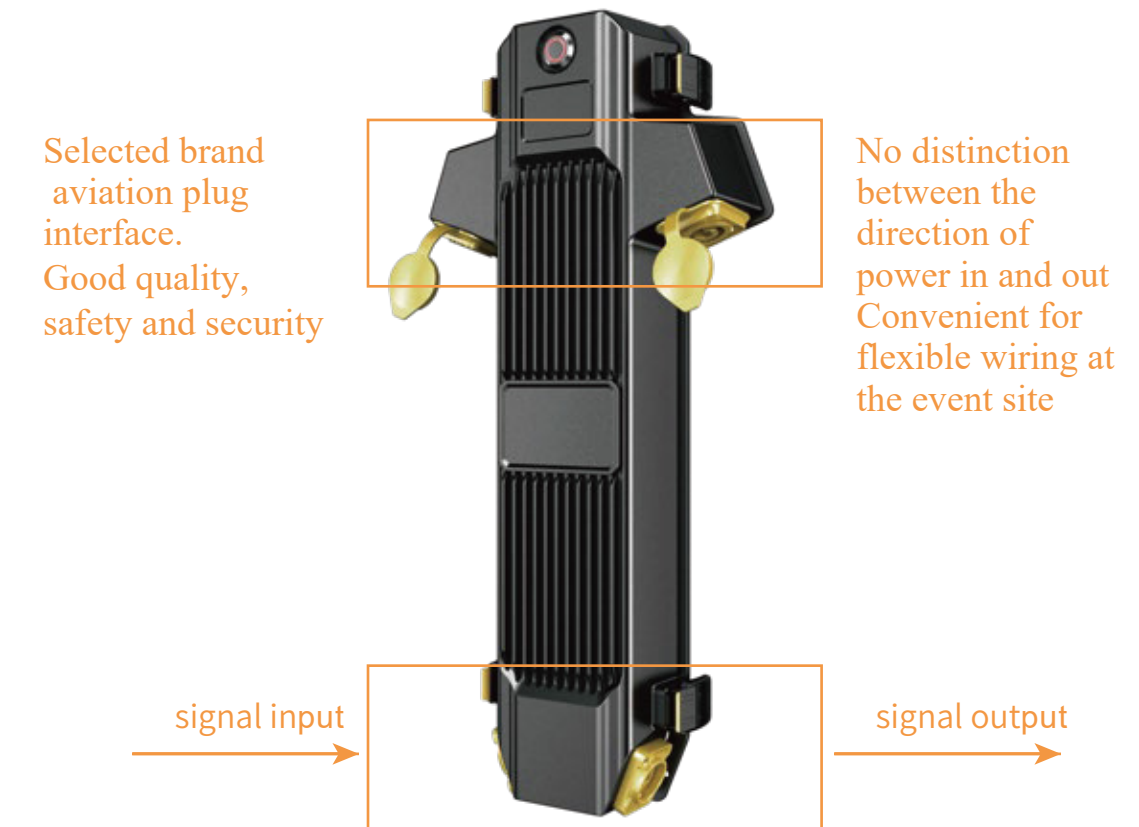
Platformized design

The platform-based design allows different pitch modules to be used on the same cabinet. It's 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.



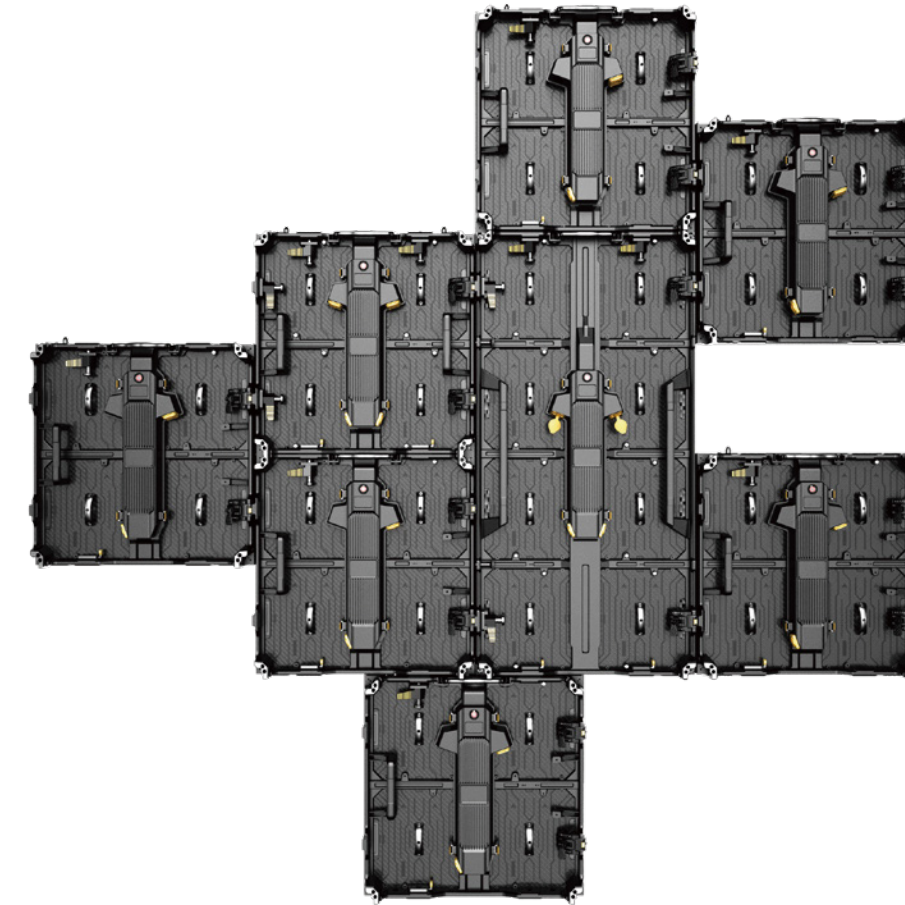
Quick Installation

Easy to install and disassemble to create a stunning stage in a short time.



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.



K Series Product Parameters-Indoor

Model	K191	K261	K291	K391
Pixel Pitch	1.953mm	2.604mm	2.976mm	3.91mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Type	SMD1515 (GOB)	SMD1515	SMD2020	SMD2020
Brightness (Max)	1000nit	1000nit	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°/160°	H160°/160°	H160°/160°	H160°/160°
Pixel Density	262144dots/m²	147456dots/m²	112896dots/m²	65536dots/m²
Module Size	W250xH250mm	W250xH250mm	W250xH250mm	W250xH250mm
Module Resolution	128x128 dots	96x96 dots	84x84 dots	64x64 dots
Cabinet Size	W500xH500xD83mm	W500xH500xD83mm	W500xH500xD83mm	W500xH500xD83mm
Cabinet Resolution	256x256	192x192	168x168	128x128
Cabinet Weight	8.0 kg±0.5	8.0 kg±0.5	8.0 kg±0.5	8.0 kg±0.5
Cabinet Material	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum
Cabinet Aspect Ratio	1:1	1:1	1:1	1:1
IP Rating	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
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	16bits	14 bits	14 bits	14 bits
Contrast Ratio	5000:1	5000:1	5000:1	5000:1
Refresh Rate	7680 Hz	3840 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%)	AC110~220V (+/-10%)	AC110~220V (+/-10%)	AC110~220V (+/-10%)
Input Power (Max)	<529W/m²	<439.2W/m²	<500W/m²	<500W/m²
Input Power (Avg)	<176W/m²	<146.4W/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	Front/Rear Maintenance	Front/Rear Maintenance
Driving Type	Constant Current, 1/16 Scanning	Constant Current, 1/24 Scanning	Constant Current, 1/28 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	Kinglight 1415	Kinglight 2020	Kinglight 2020
Power Supply	WVP/ND 200W	WVP/ND 200W	WVP/ND 200W	WVP/ND 200W
Driver Chips	ICN2155(Chipone)	ICN2153(Chipone)	ICN2153S(Chipone)	ICN2153S(Chipone)
Receiving Card	A5S PLUS (Nova)	A8S PLUS (Nova)	A5S PLUS (Nova)	A5S PLUS (Nova)

K Series Product Parameters-Outdoor

Model	K290	K390	K480
Pixel Pitch	2.976mm	3.91mm	4.8mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B
LED Type	SMD1415	SMD1820	SMD1820
Brightness (Max)	4000 nit	4000 nit	4000 nit
White Balance Brightness	3500 nit	3500 nit	3500 nit
Color Temperature	6500K-9300K (adjustable)	6500K-9300K (adjustable)	6500K-9300K (adjustable)
Viewing Angle	H140°/140°	H140°/140°	H140°/140°
Pixel Density	112910dots/m²	65536dots/m²	43264 dots/m²
Module Size	W250xH250mm	W250xH250mm	W250xH250mm
Module Resolution	84x84dots	64x64dots	52x52dots
Cabinet Size	W500xH500xD83mm	W500xH500xD83mm	W500xH500xD83mm
Cabinet Resolution	168X168	128X128	104x104
Cabinet Weight	7.8 kg±0.5	7.8 kg±0.5	7.8 kg±0.5
Cabinet Material	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum
Cabinet Aspect Ratio	1:1	1:1	1:1
IP Rating	Front IP65/Rear IP65	Front IP65/Rear IP65	Front IP20/Rear IP20
Operating Temperature/Humidity	-30°C~+50°C/10%~90%RH	-30°C~+50°C/10%~90%RH	-10°C~+40°C/10%~80%RH
Storage Temperature/Humidity	-40°C~+80°C/10%~90%RH	-40°C~+80°C/10%~90%RH	-20°C~+60°C/10%~80%RH
Gray Scale	14 bits	14 bits	14bits
Contrast Ratio	5000:1	5000:1	5000:1
Refresh Rate	3840 Hz	3840 Hz	7680 Hz
Input power frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input Voltage	AC100~240V (+/-10%)	AC100~240V (+/-10%)	AC110~220V (+/-10%)
Input Power (Max)	<580W/m²	<621.3W/m²	<519.6W/m²
Input Power (Avg)	<180W/m²	<207.1W/m²	<173.2W/m²
Installation Mode	Floor Mounted/Hanging	Floor Mounted/Hanging	Floor Mounted/Hanging
Maintenance Mode	Rear maintenance	Rear maintenance	Rear Maintenance
Driving Type	Constant Current, 1/21 Scanning	Constant Current, 1/16 Scanning	Constant Current, 1/13 Scanning
Signal Transmission Distance	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)		
LED Package Manufacturer	Kinglight 1415	Kinglight 1820	Kinglight 1820
Power Supply	WVP/ND 200W	WVP/ND 200W	WVP/ND 200W
Driver Chips	ICN2153(Chipone)	ICN2153S(Chipone)	ICN2153S(Chipone)
Receiving Card	A5S PLUS (Nova)	A5S PLUS (Nova)	A5S PLUS (Nova)