

Intelligent Video Solution Provider



MIGHTYLING
LED DISPLAY

KSeries

K-261/K-291/K-391/K-390/K-290

About Mengling

Jiaxing 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 has become prominent in international famous events and

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.



KSeries

K-261/K-291/K-391/
K-390/K-290



Dual-size design



Lightweight 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



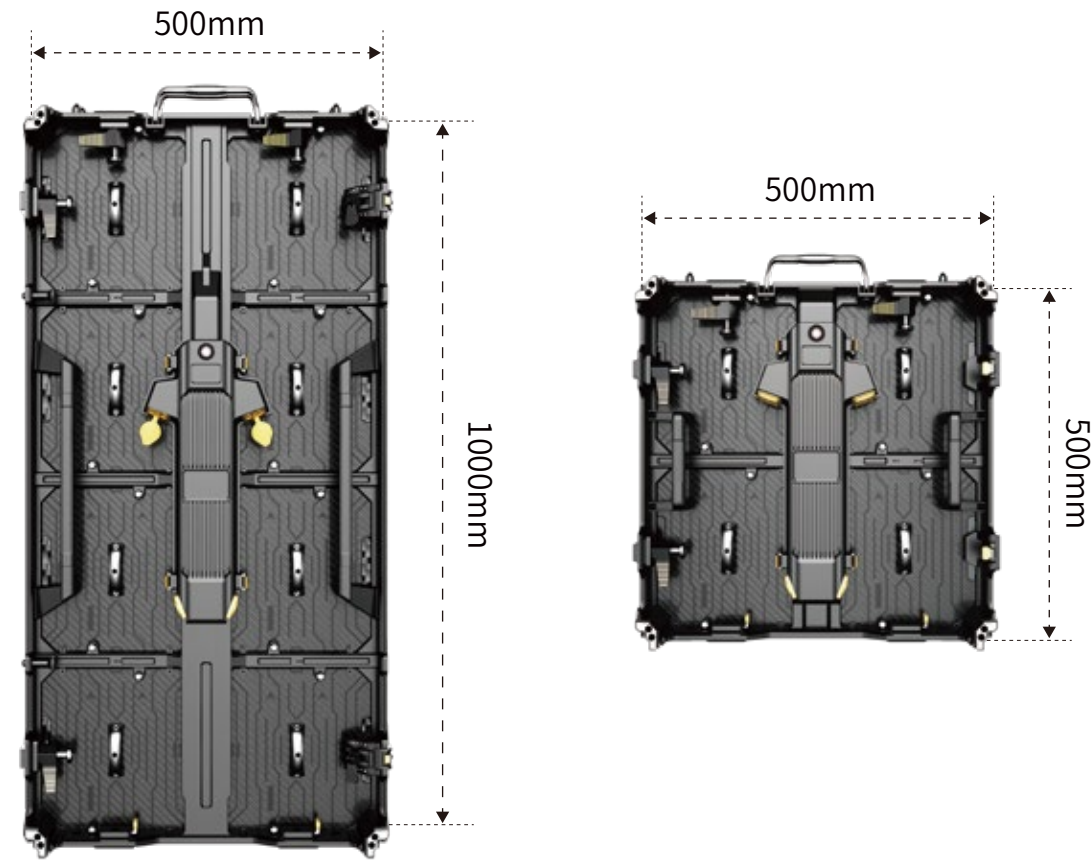
3840HZ High Contrast Ratio



Low Contrast Ratio

Lightweight design

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



- 500*500 cabinet
7.6kg±0.5 (indoor)
8.0kg±0.5 (outdoor)
- 500*1000 cabinet
12.5kg±0.5 (indoor)
13.0kg±0.5 (outdoor)
- arc lock
±10°
- 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° (in 2.5° increments)



- Inner and outer arc splicing effect

Platformized design

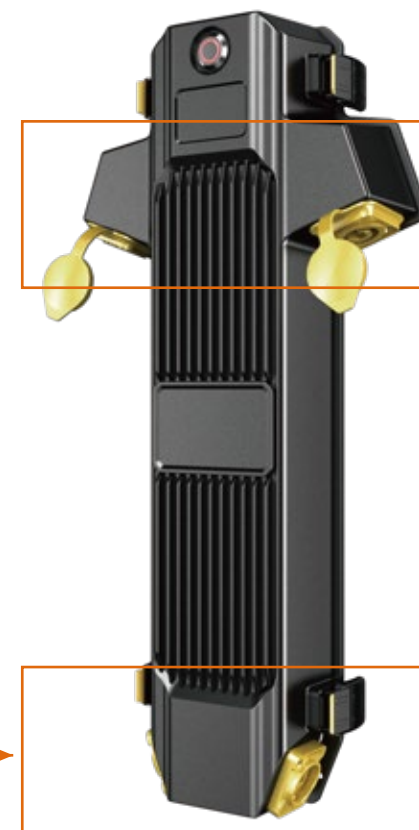
The platform-based design allows different pitch modules to be used on the same cabinet. It's convenient for customers to flexibly adjust the pitch and save costs.



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.

Selected brand aviation plug interface. Good quality, safety and security



No distinction between the direction of power in and out. Convenient for flexible wiring at the event site

signal input

signal output

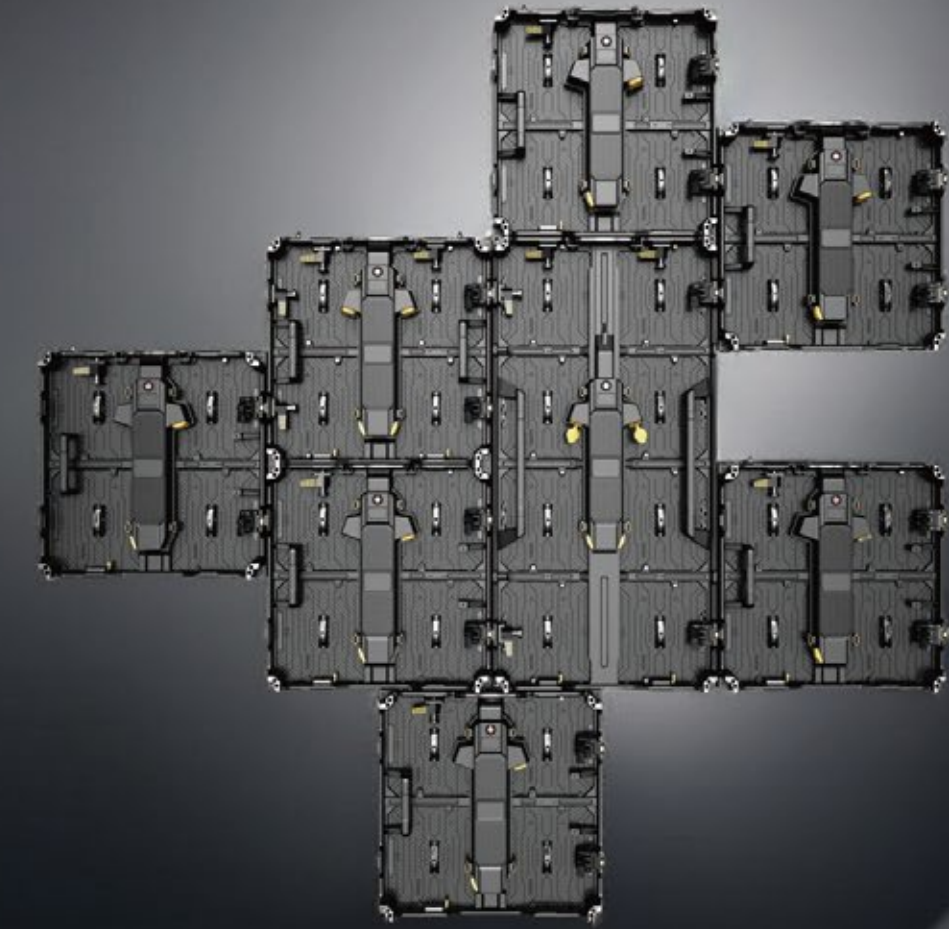
Quick Installation

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

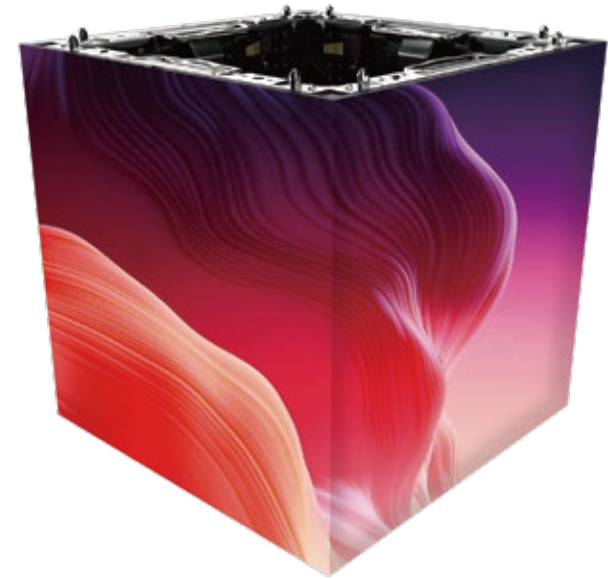


Flexible Splicing

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



Patchwork modeling



Magic Cube Screen

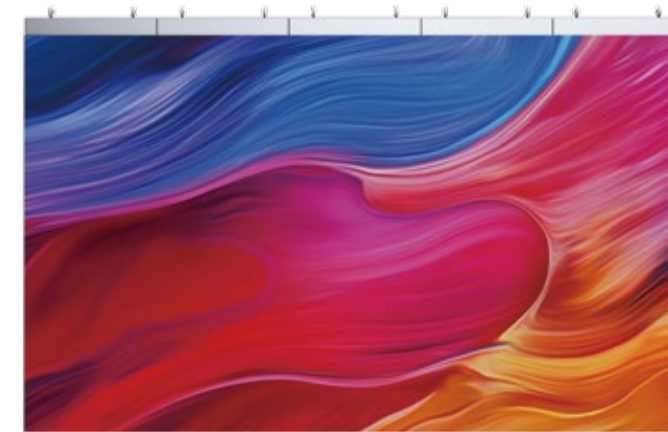


Inner and outer arc assembly



Annular assembly

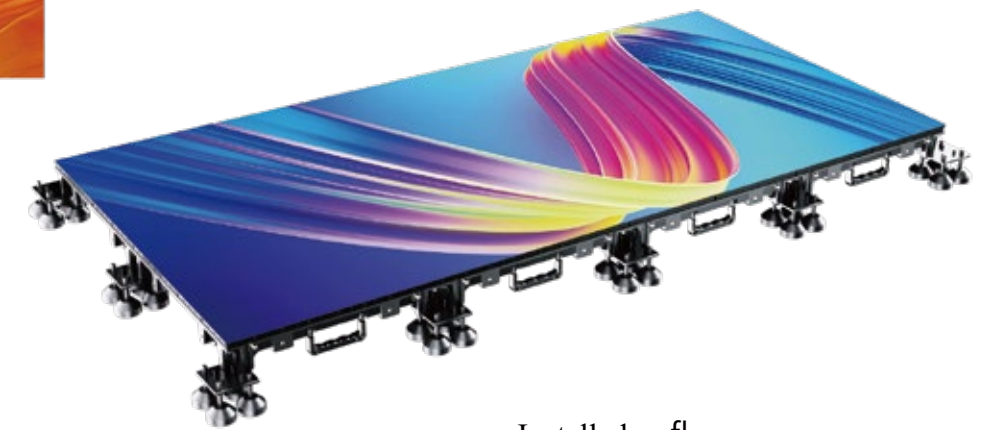
Installation mode



Hanging to install



Stacking to install



Installed as floor

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

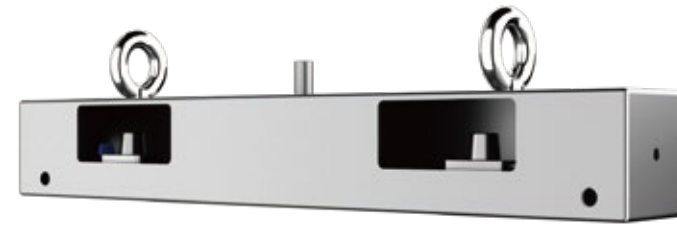


04

Outdoor Advertising



Product Accessories



Hanging beam



Back rack



Air box

Product Parameters

	Indoor	Indoor	Indoor	Indoor	Outdoor	Outdoor
Product Typt	K391	K291	K261	K191	K390	K290
Pixel Pitch	3.91mm	2.976mm	2.604mm	1.953mm	3.91mm	2.976mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Package Type	SMD2020	SMD2020	SMD1415	SMD1415 (GOB)	SMD1820	SMD1515
Brightness	1000 nit	1000 nit	1000 nit	1000 nit	4000 nit	4000 nit
White Balance Brightness	800 nit	800 nit	800 nit	800 nit	3500 nit	3500 nit
Color Temperature	6500K-9300K (adjustable)	6500K-9300K (adjustable)	6500K-9300K (adjustable)	6500K-9300K (adjustable)	6500K-9300K (adjustable)	6500K-9300K (adjustable)
Viewing Angle (H/V)	H160°/160°	H160°/160°	H160°/160°	H160°/160°	H140°/140°	H140°/140°
Pixel Density	65536dots/m ²	112896dots/m ²	147456dots/m ²	262144dots/m ²	65536dots/m ²	112896dots/m ²
Module Size	W250xH250mm	W250xH250mm	W250xH250mm	W250xH250mm	W250xH250mm	W250xH250mm
Module Resolution	64x64 dots	84x84 dots	96x96 dots	128x128 dots	64x64dots	84x84dots
Module Depth	14.3mm	14.3mm	14.3mm	14.3mm	14.3mm	14.3mm
Module Weight	0.638kg±0.01	0.638kg±0.01	0.638kg±0.01	0.7 kg±0.01	0.65kg±0.01	0.65kg±0.01
Cabinet Size	W500xH500xD83mm	W500xH500xD83mm	W500xH500xD83mm	W500xH500xD83mm	W500xH500xD83mm	W500xH500xD83mm
Cabinet Resolution	128x128	168x168	192x192	256x256	128x128	168x168
Cabinet Weight	7.6 kg±0.5	7.6 kg±0.5	7.6 kg±0.5	7.6 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	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	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	-30°C~+50°C/10%~90%RH	-30°C~+50°C/10%~90%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	-40°C~+80°C/10%~90%RH	-40°C~+80°C/10%~90%RH
Gray Scale	14 bits	14 bits	14 bits	16 bits	14 bits	14 bits
Contrast Ratio	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1
Refresh Ratio	3840 Hz	3840 Hz	3840 Hz	7680 Hz	3840 Hz	3840 Hz
Input Power Frequency	50/60 Hz	50/60 Hz	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%)	AC100~240V (+/-10%)	AC100~240V (+/-10%)
Input Power (Max)	<500W/m ²	<500W/m ²	<500W/m ²	<500W/m ²	<580W/m ²	<580W/m ²
Input Power (Average)	<180W/m ²	<180W/m ²	<180W/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	Floor Mounted/Hanging	Floor Mounted/Hanging
Maintenance Mode	Front/Rear Maintenance	Front/Rear Maintenance	Front/Rear Maintenance	Front/Rear Maintenance	Rear maintenance	Rear maintenance
LED Package Manufacturer	Kinglight 2020	Kinglight 2020	Kinglight 1415	Kinglight 1415	Kinglight 1820	Kinglight 1515
Power suppliers	WVP/ND 200W	WVP/ND 200W	WVP/ND 200W	WVP/ND 200W	WVP/ND 200W	WVP/ND 200W
Driver chip	ICN2153(Chipone)	ICN2153(Chipone)	ICN2153(Chipone)	ICN2055(Chipone)	ICN2153(Chipone)	ICN2153(Chipone)
Receiver card	A5S PLUS (Nova)	A5S PLUS (Nova)	A5S PLUS (Nova)	A8S PLUS (Nova)	A5S PLUS (Nova)	A5S PLUS (Nova)

Case

