

AbsenLive
Empowering Your Stage

NOMA
media



Mars Series
Break the Horizon

MR Series

MR2.5

MR4.8 matte version

MR4.8 glassy version

MR4.8 interactive matte version





$\geq 3840\text{Hz}$
High refresh rate



$\leq 1500\text{nit}$
High brightness



Integrated design
0~20mm height adjustable



Thinner panel
80~92mm thickness



High intensity
Load capacity $\leq 2500\text{kg/m}^2$



Optional sub-frame
Enables fast installation

*The brightness of MR2.5 is 1000nit and the maximum load capacity is 1000kg/m²

Lighter integrated design

The two-in-one integrated design of cabinet and frame makes the panel thinner and lighter. It enables the MR series to build a floor screen without adding subframes at the bottom. The height of the panel can be adjusted in case of the rough ground.



80~92mm

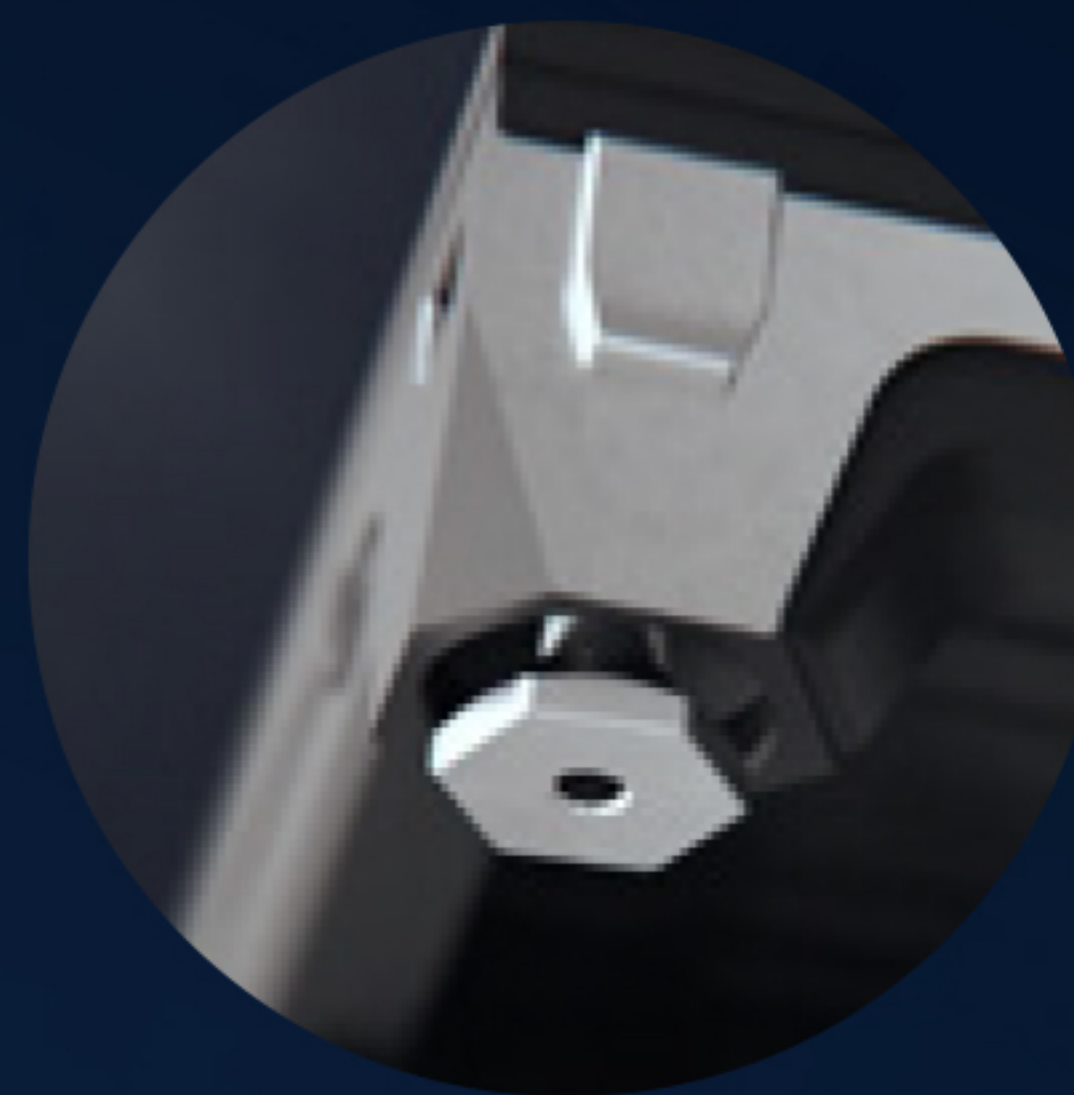
Ultra-thin panel

0~20mm

Adjustable range of height

12~16kg per panel

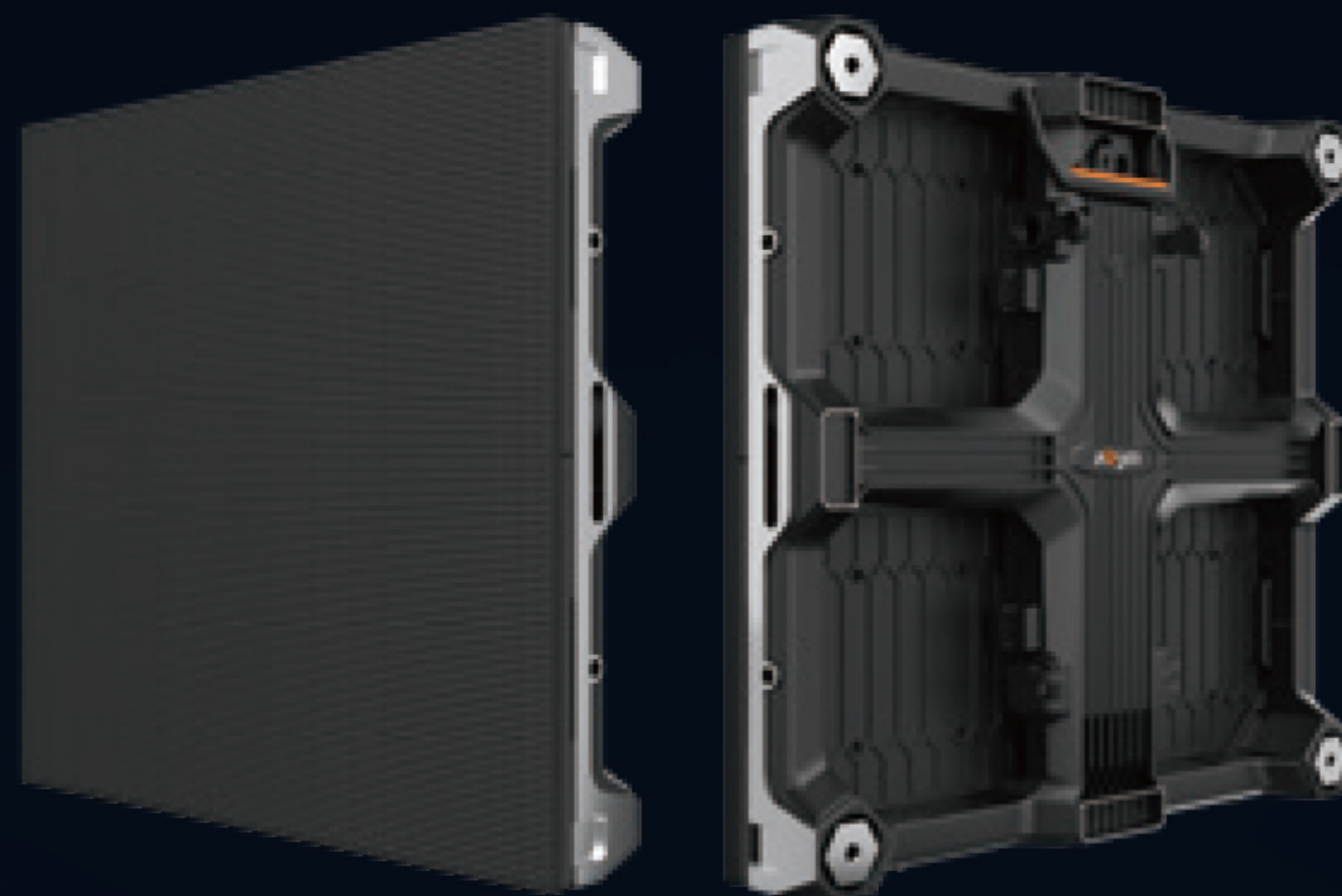
Lightweight design



- Anchor design
for height adjustment

Thinner panel, shorter slope

The panel is about 10%~38% thinner than the regular one, which requires shorter slope for climbing.



80mm

Thickness of MR2.5

85mm

Thickness of MR4.8 matte version

92mm

Thickness of MR4.8 glassy version

200mm

Reference slope length

212.5mm

Reference slope length

230mm

Reference slope length



Compared with other products of 130mm high

10%~38%

Thinner than conventional panel

*The reference ratio of height to length of the slope is 1:2.5.
Adjustments should be made according to the actual situation.

High-intensity frame, Strong load capacity

The high-intensity frame design guarantees the safety and firmness, which can bear a maximum load of 2500kg/m² approximately.



1000 kg/m²

Load capacity of MR2.5*

2500 kg/m²

Load capacity of MR4.8 matte/glassy version

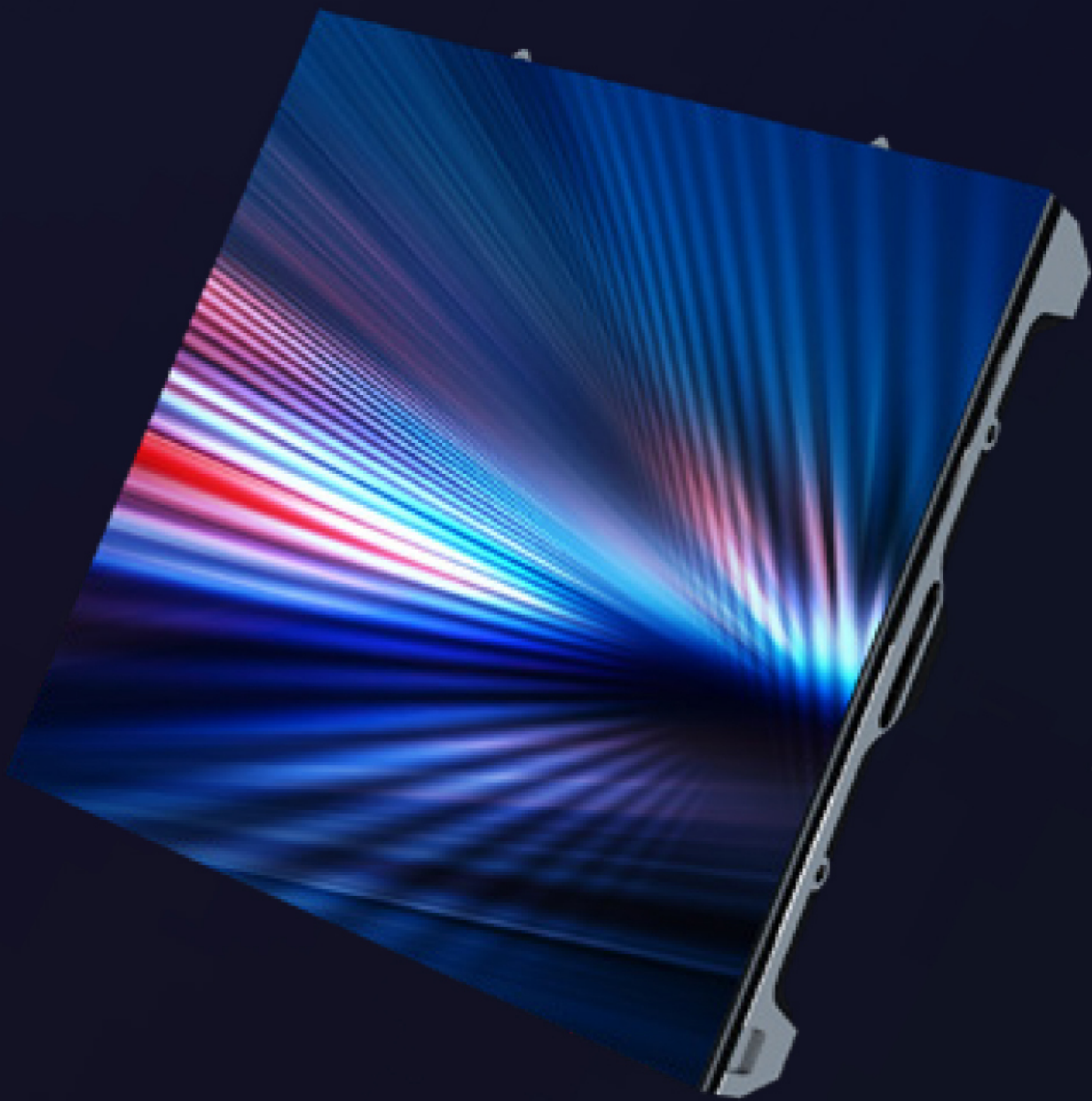
≥ 3.0

Safety factor

*The MR2.5 is not available for car show.

Suitable for xR stage and virtual studio

MR2.5 adopts GOB packaging process, which can make the display effect more delicate. It is recommended to combine with the backdrops with a pixel pitch of 2.5mm to create stunning xR stages, virtual studios, etc.



MR2.5

GOB(Glue on Board) packaging technology

- Better light transmission
- Better resistance to impact
- Excellent thermal conductivity
- Low rate of dead pixels

Deep black non-reflective surface

- Perfect in-camera performance

5H surface hardness level

Durable panels for shining effect

The surface is covered with matte or glassy finish, which is easy to clean as well as ensures the scratch resistant feature, creating a long-lasting wonderful staging effect.

- Water resistance



MR4.8 matte version

- Anti-reflection matte finish
- Perfect black consistency
- 2H surface hardness level

MR4.8 glassy version

- Tempered glass finish
- 7H surface hardness level
- MOQ: 500 tiles

Optional interactive function

Built-in sensor chips can quickly identify triggered action and respond in real time, bringing a pleasant and immersive interactive experience. Panels with built-in sensor chips can be assembled with general MR panels to make more creative effects.



MR4.8 interactive matte version

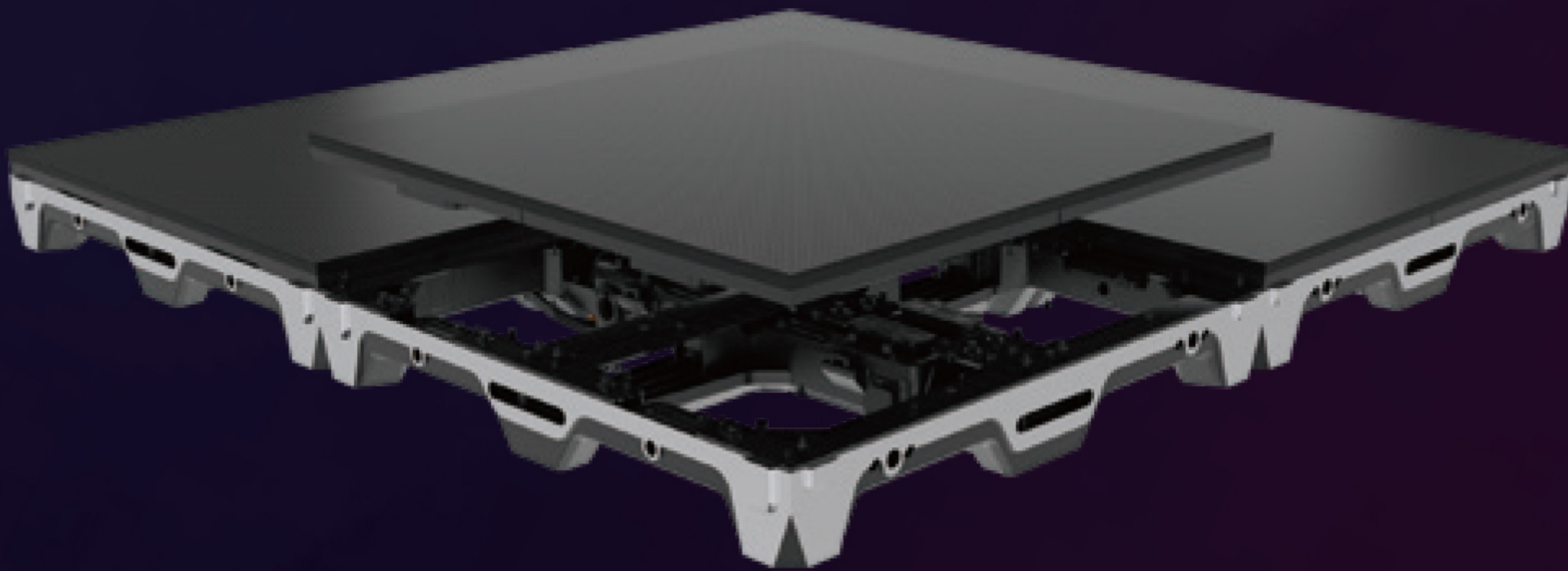
Support 1920x1080 resolution

NovaStar control system

Anti-reflection matte finish

Front installation and maintenance

As a professional floor display solution, the MR series supports front installation and front maintenance, making it easier for users to operate.



Front installation

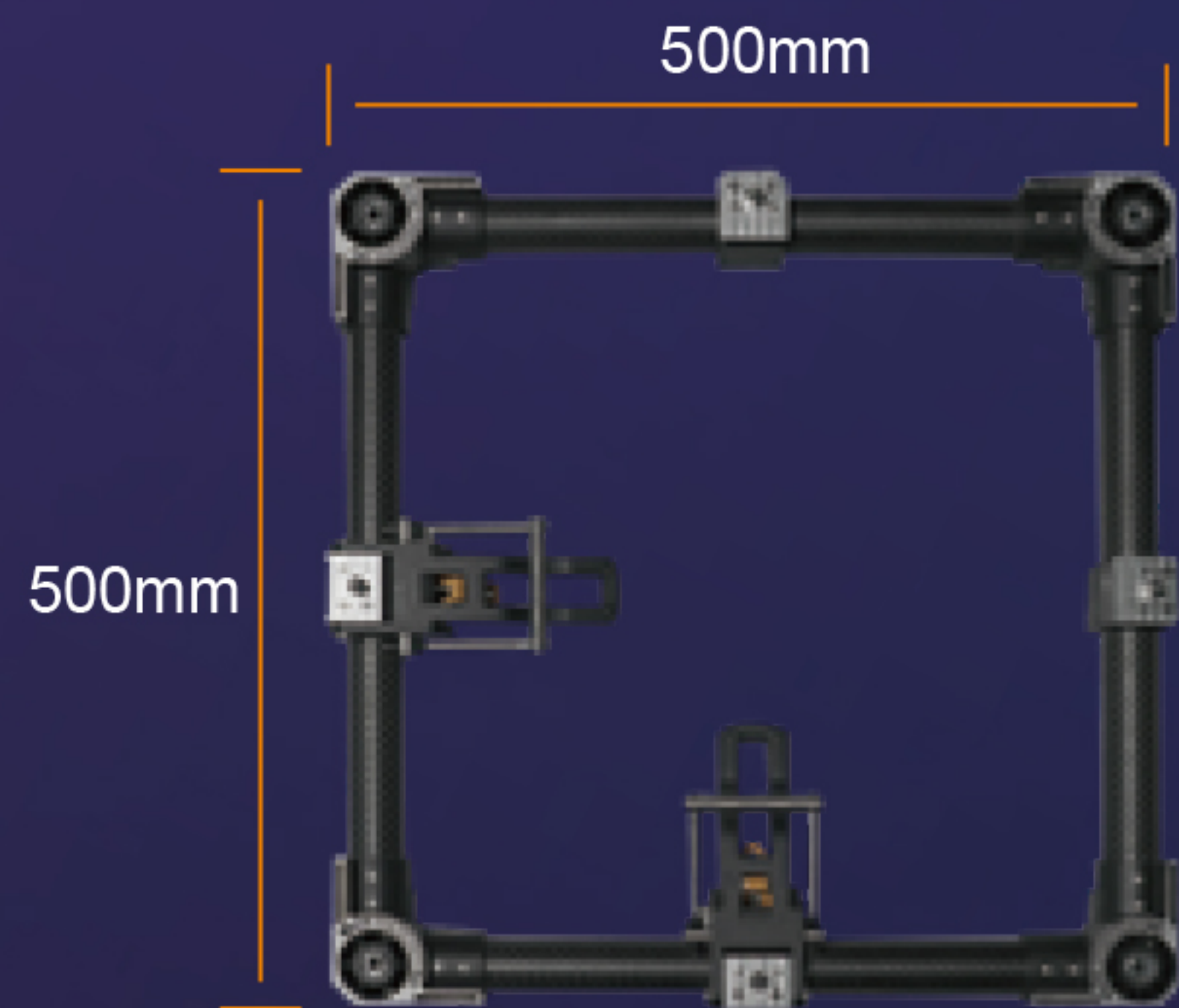
- Step 1: Place all the cabinets side by side on the ground as needed
- Step 2: Check and adjust the flatness between the cabinets
- Step 3: Tighten the latches between the cabinets
- Step 4: Connect the power cables and network cables
- Step 5: Install the multi-layered surface to the cabinet one by one

Front maintenance

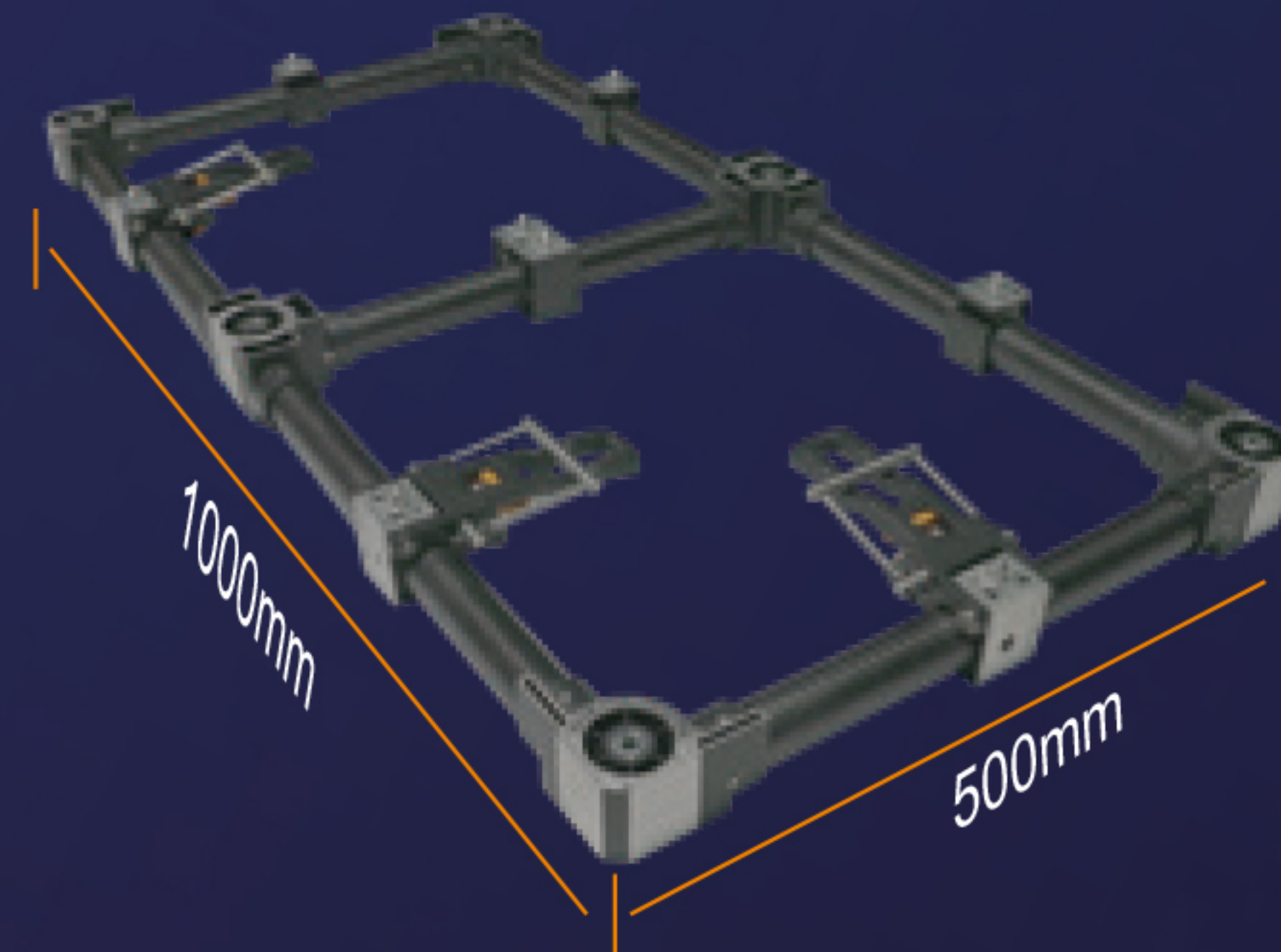
- Module
- Power supply unit
- Receiving card
- HUB board

Optional sub-frame accessories

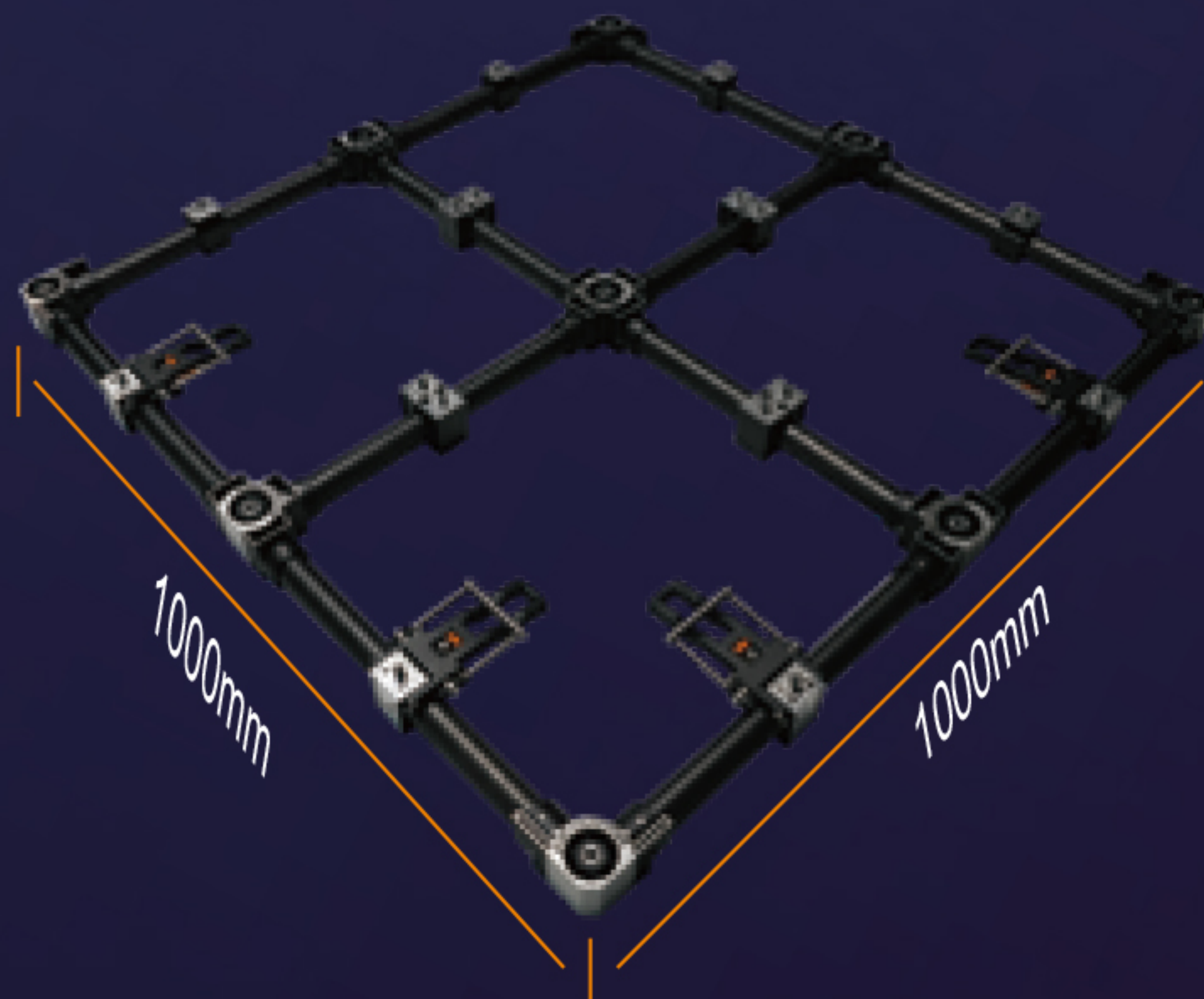
Various subframes are designed to improve the installation efficiency.



- For 1x1 panel
3.7kg/ pcs



- For 2x1 panels
6.3kg/ pcs



- For 2x2 panels
9.9kg/ pcs

*The entire MR series supports the sub-frame installation mode. The most recommended is the anchor-free version, which requires the cabinet to be independently taken out for maintenance.

Parameters

Parameters	MR2.5		MR4.8 matte version		MR4.8 anchor-free matte version (Need to be used with subframe)		MR4.8 glassy version	MR4.8 interactive matte version
Control system	Brompton	NovaStar	Brompton	NovaStar	Brompton	NovaStar	NovaStar	NovaStar
LED type	SMD1515	SMD1515	SMD1921	SMD1921	SMD1921	SMD1921	SMD1921	SMD1921
Pixel pitch (mm)	2.5	2.5	4.8	4.8	4.8	4.8	4.8	4.8
Panel dimensions (WxHxD, mm)	500x500x80	500x500x80	500x500x85	500x500x85	500x500x85	500x500x85	500x500x92	500x500x85
Panel resolution	200x200	200x200	104x104	104x104	104x104	104x104	104x104	104x104
Panel weight (kg)	12	12	12	12	12	12	16	12
Panel material	Die casting aluminum							
Module size (WxH, mm)	250x250							
Brightness (nit)	1000	1000	1500	1000	1500	1500	1000	1000
Refresh rate (Hz)	3840	3840	7680	3840	7680	7680	3840	3840
Grayscale (bit)	15	15	16	14	16	16	14	14
Contrast ratio	1200:1	1200:1	6000:1	1500:1	6000:1	6000:1	3000:1	4000:1
Color temperature (K)	6500							
Viewing angle (H/V, °)	160/160	160/160	140/140	140/140	140/140	140/140	140/140	140/140
Drive mode	1/20	1/20	1/7	1/7	1/7	1/7	1/7	1/7
AC operating voltage(V)	100～240							
Power consumption (max./avg., W/m²)	600/200	600/200	640/214	640/214	640/214	640/214	640/214	640/214
Storage temperature (°C)	-40～+60							
Operating temperature (°C)	-20～+50							
Storage humidity (RH)	10%～85%							
Operating humidity (RH)	10%～90%							
IP rating	IP65/IP54	IP65/IP54	IP65/IP54	IP65/IP54	IP65/IP54	IP65/IP54	IP65/IP54	IP65/IP54
Applicable to subframe	YES	YES	YES	YES	YES	YES	YES	YES

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