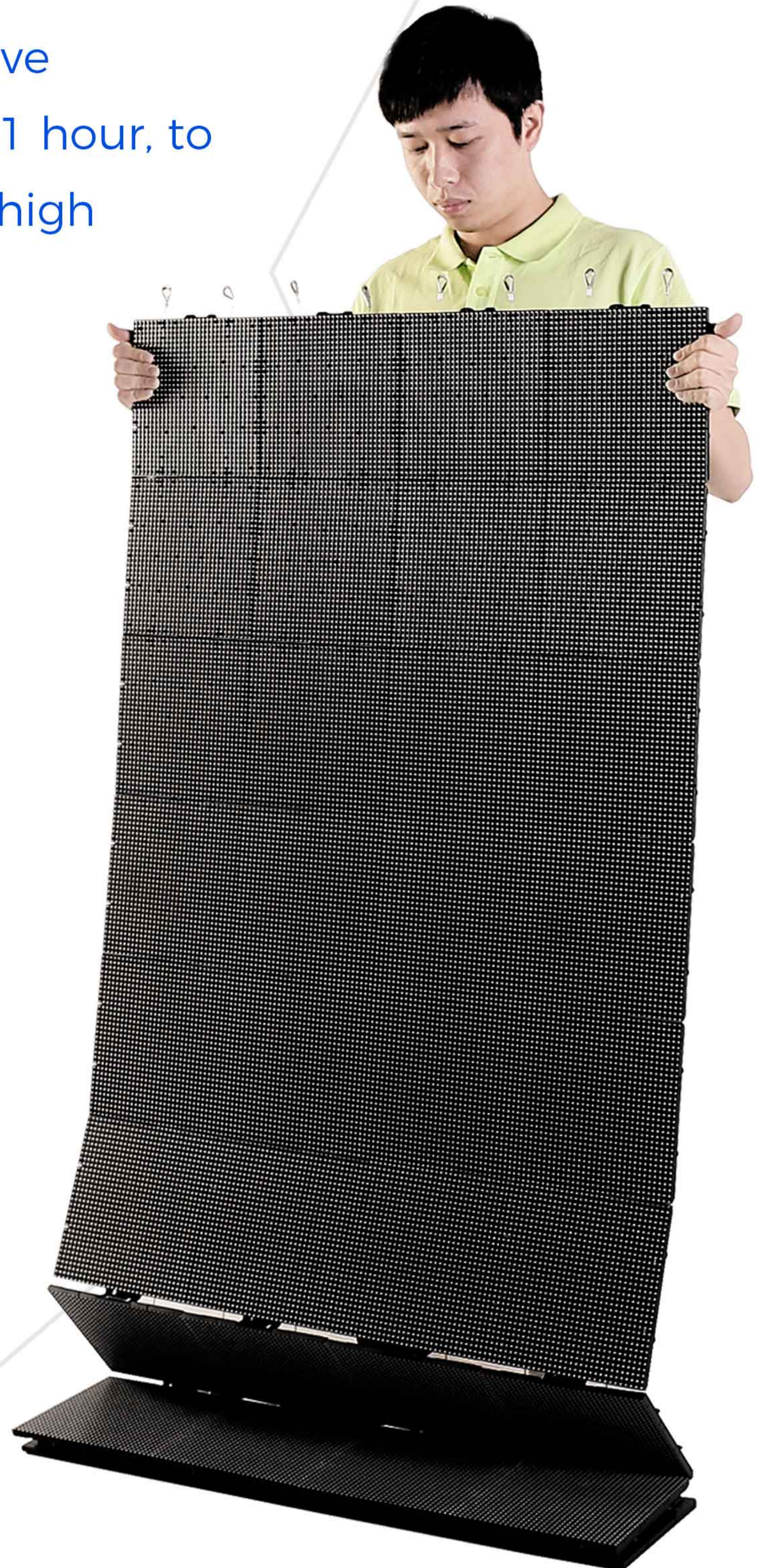


Indoor LED Foldable Screen

Smart

The Onumen line of innovative products take only 2 people, 1 hour, to install 100 square meters of high quality video screens.



ONUMEN is The World Leader
In Portable
And Foldable Led Video Systems.
Modular, Slim,
And Convienient Equal Labor
And Time Savings.

Separate portable installation display

What intellectual property and certifications have been obtained?

QUALIFICATION CERTIFICATION

Originated from the innovation of communication scientific research technology system

More than 100 "slim and foldable" invention patents worldwide

- Asian invention patents (China, Russia, Japan, South Korea, Singapore, Hong Kong)
- Asian Utility Model Patent (China, Japan, China Taiwan)
- European invention patents (UK, France, Germany, The Netherlands, Belgium, Italy, etc.)
- American invention patents (U.S., Canada, Brazil, Mexico)
- African invention patent (South Africa)
- Oceania invention patent (Australia)



Global invention patents, all patents have formed an international patent group worldwide, and all patents have been transformed into technical achievements, and the products have passed CE, ROHS, TUV, FCC, CCC and other certifications.



EU CE certification



RoHS certification



German TUV certification



U.S. FCC certification



EU CE certification



RoHS certification



German TUV certification



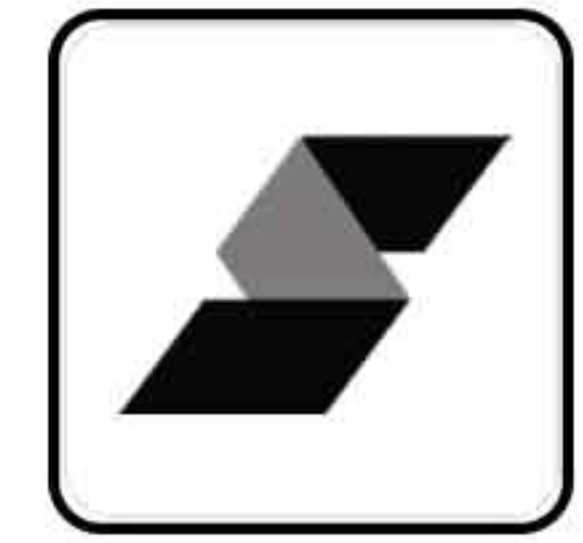
U.S. FCC certification



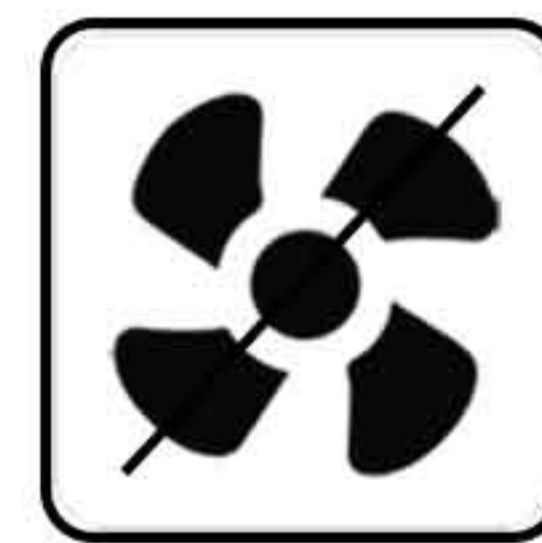
Ultra-light
12kg/m²



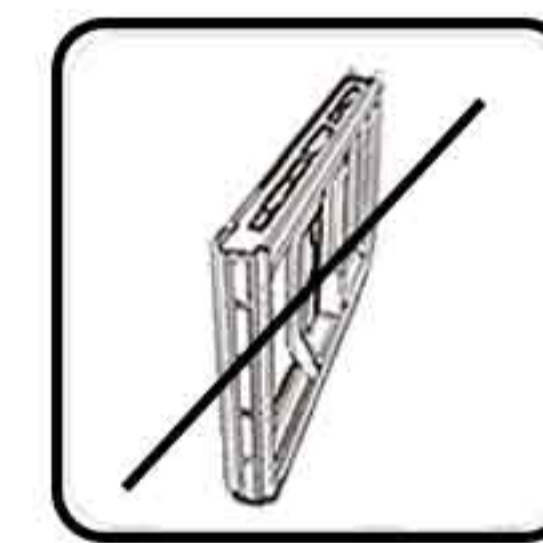
Ultra-thin
14 mm



Foldable
360°



No fan



No frame

1 Power supply and screen body separate design

2 Dual soldering and plug-in connectors design

3 Double fixing of magnet and screw

4 Screen load bearing

5 Standardized installation structure

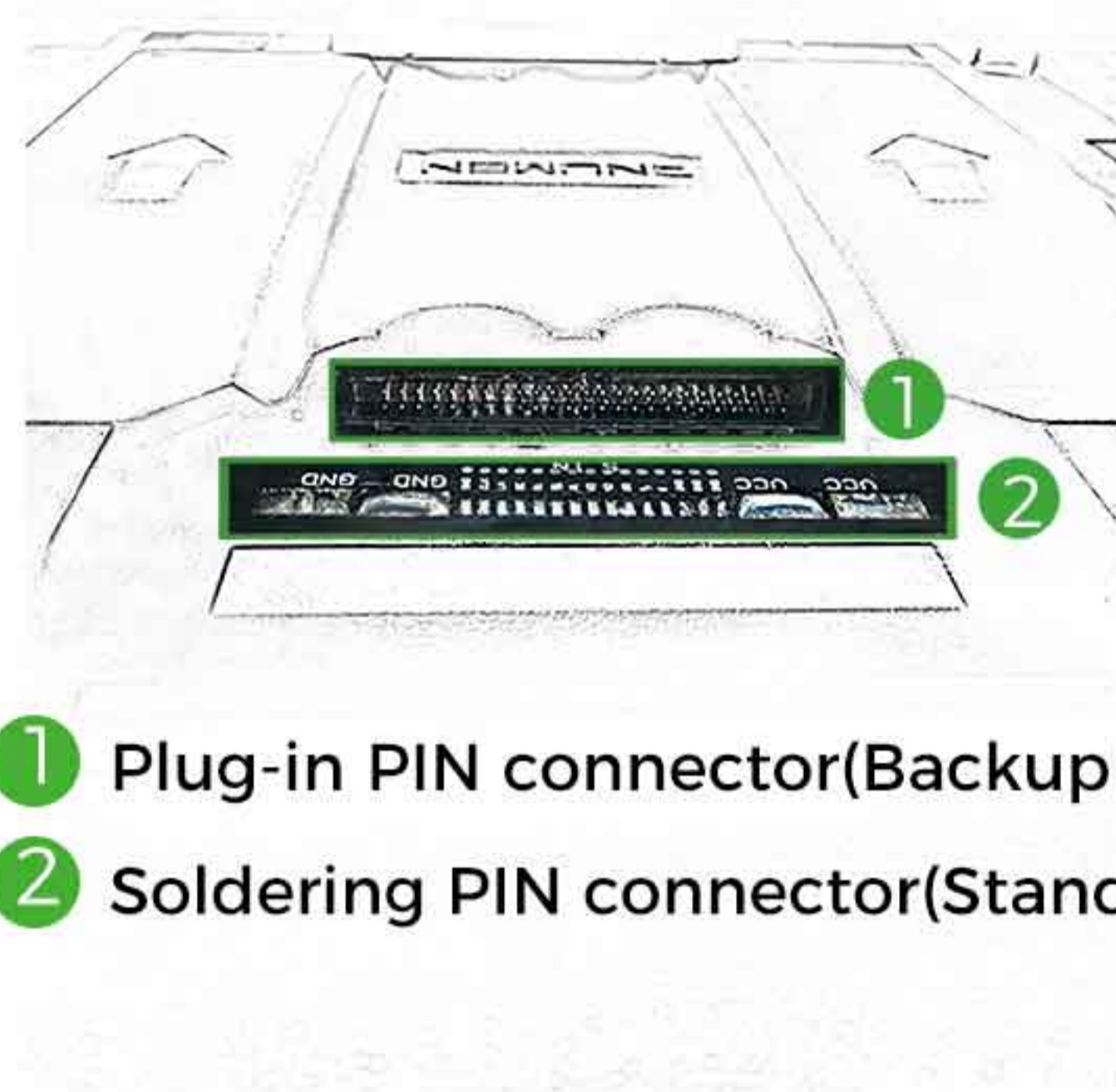
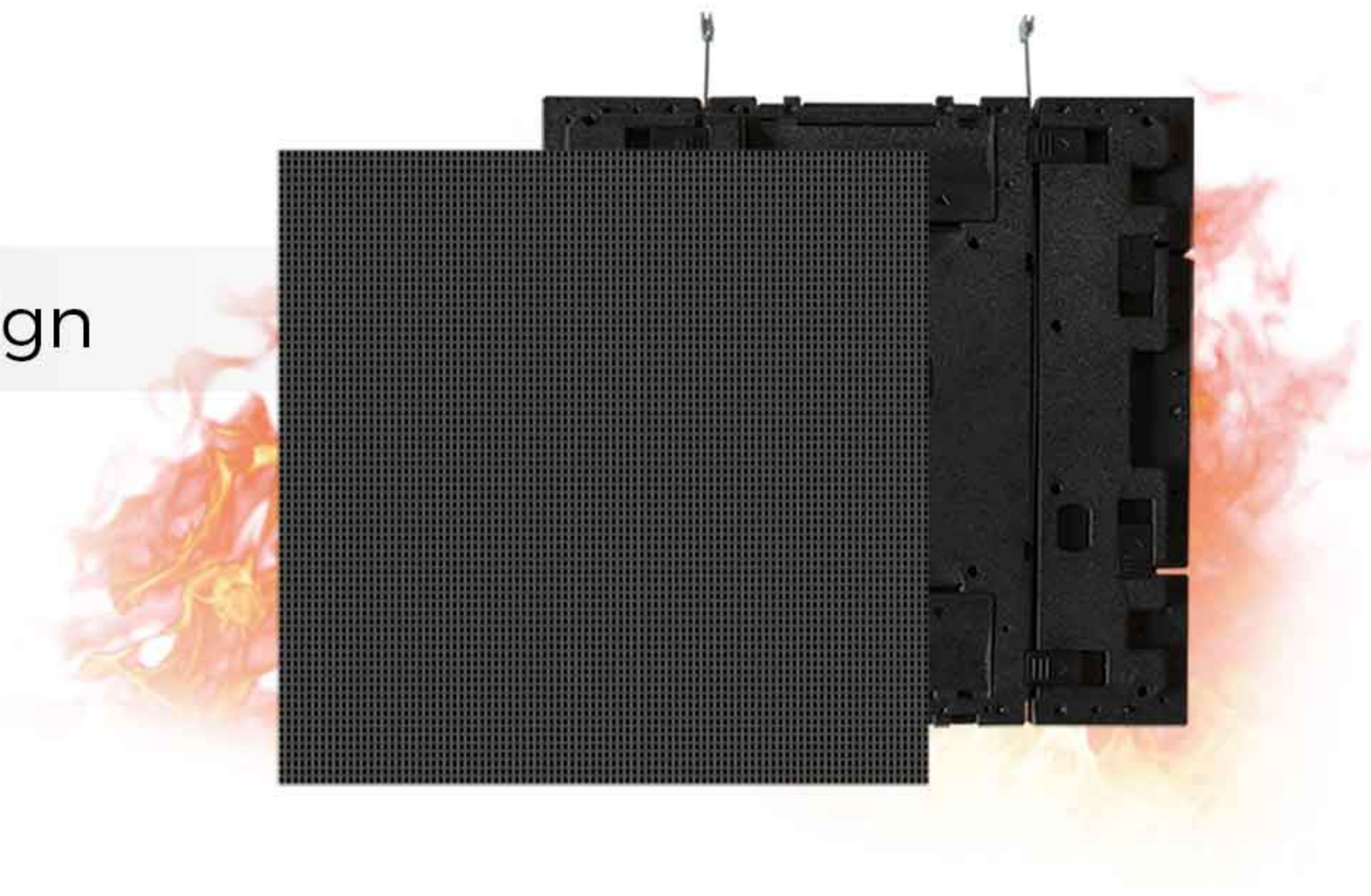
6 Front and back maintenance

7 High reliability



01 Power supply and screen body separate design

External power supply, no need fan or air conditioner to dissipate heat;
 Low temperature operation, long service life;
 Low failure and high reliability.



- 1 Plug-in PIN connector(Backup)
- 2 Soldering PIN connector(Standard)

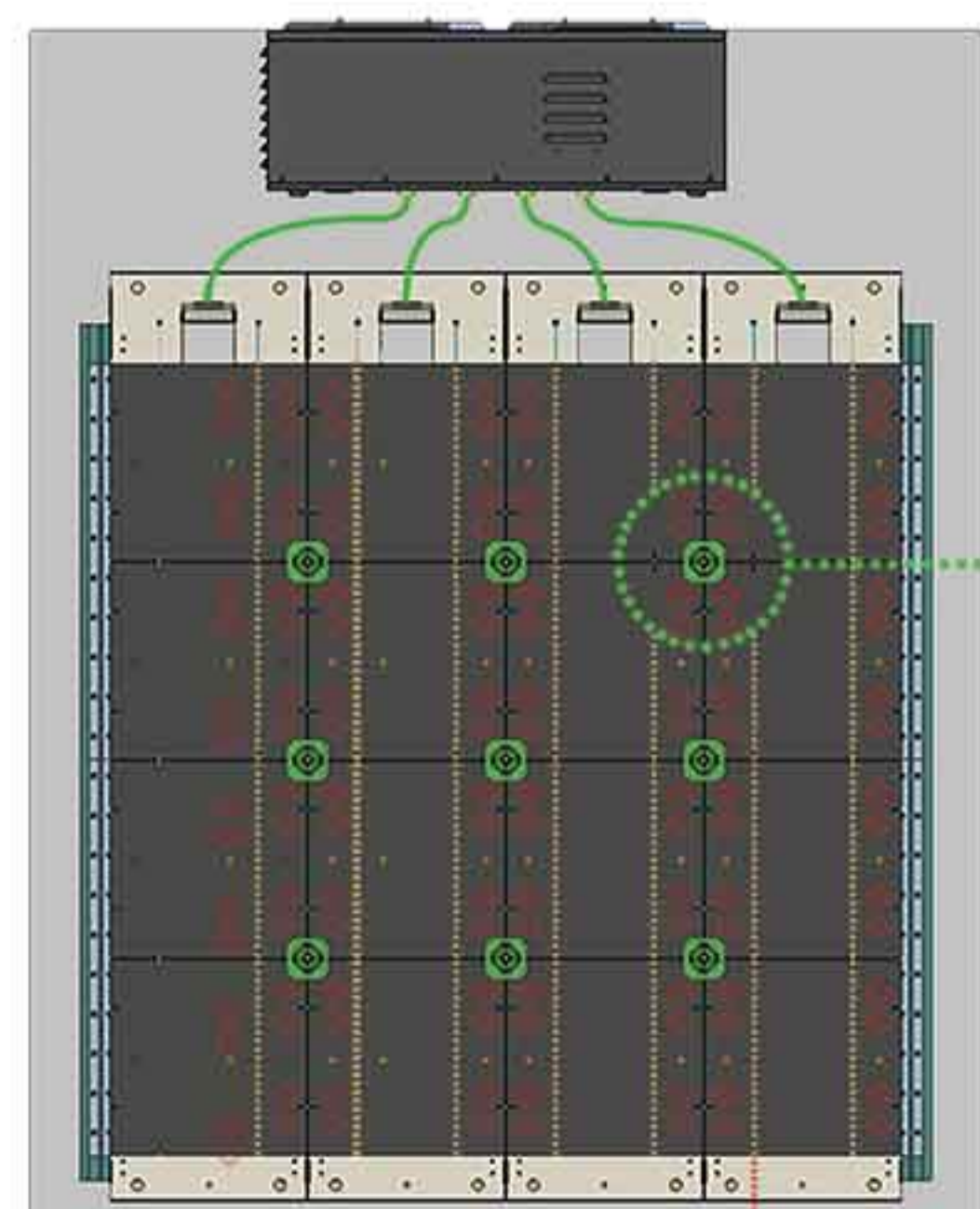
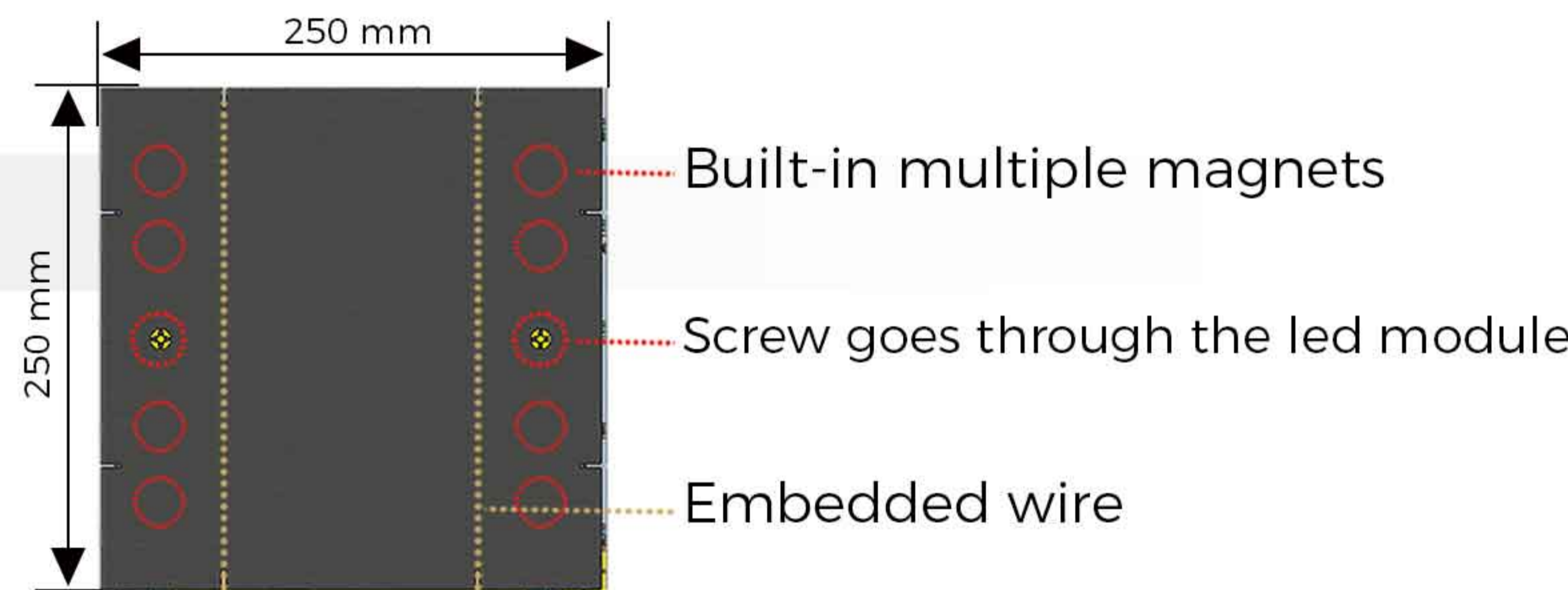
Special soldering and plug-in dual connectors design

02

Soldering PIN connector is for stable performance, backup plug-in PIN connector is for quick replacement of faulty module.

03 Double fixing of magnet and screw

The screen body can be fixed on the mounting frame through the built-in magnets,
 The screen body can also be fixed on the mounting bracket through the unit board with stainless steel screws.



Steel wire

The four-corner connectors of led modules ensure the uniform gap between the modules

Screen load bearing

04

Each 0.25m wide unit board has 2 built in steel wires
 Maximum bearing capacity 750KG = 50 m²,
 maximum 250m height .

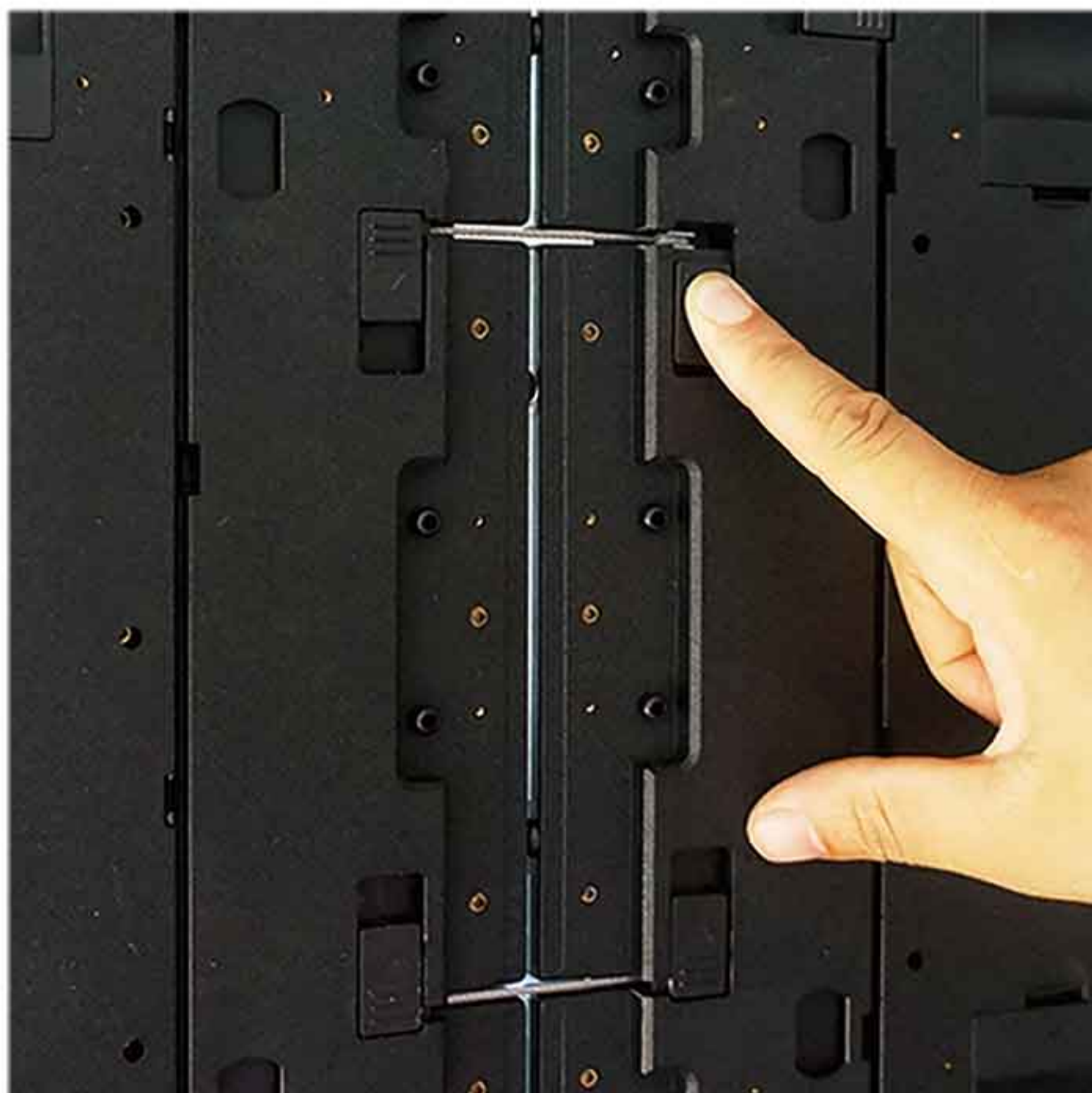
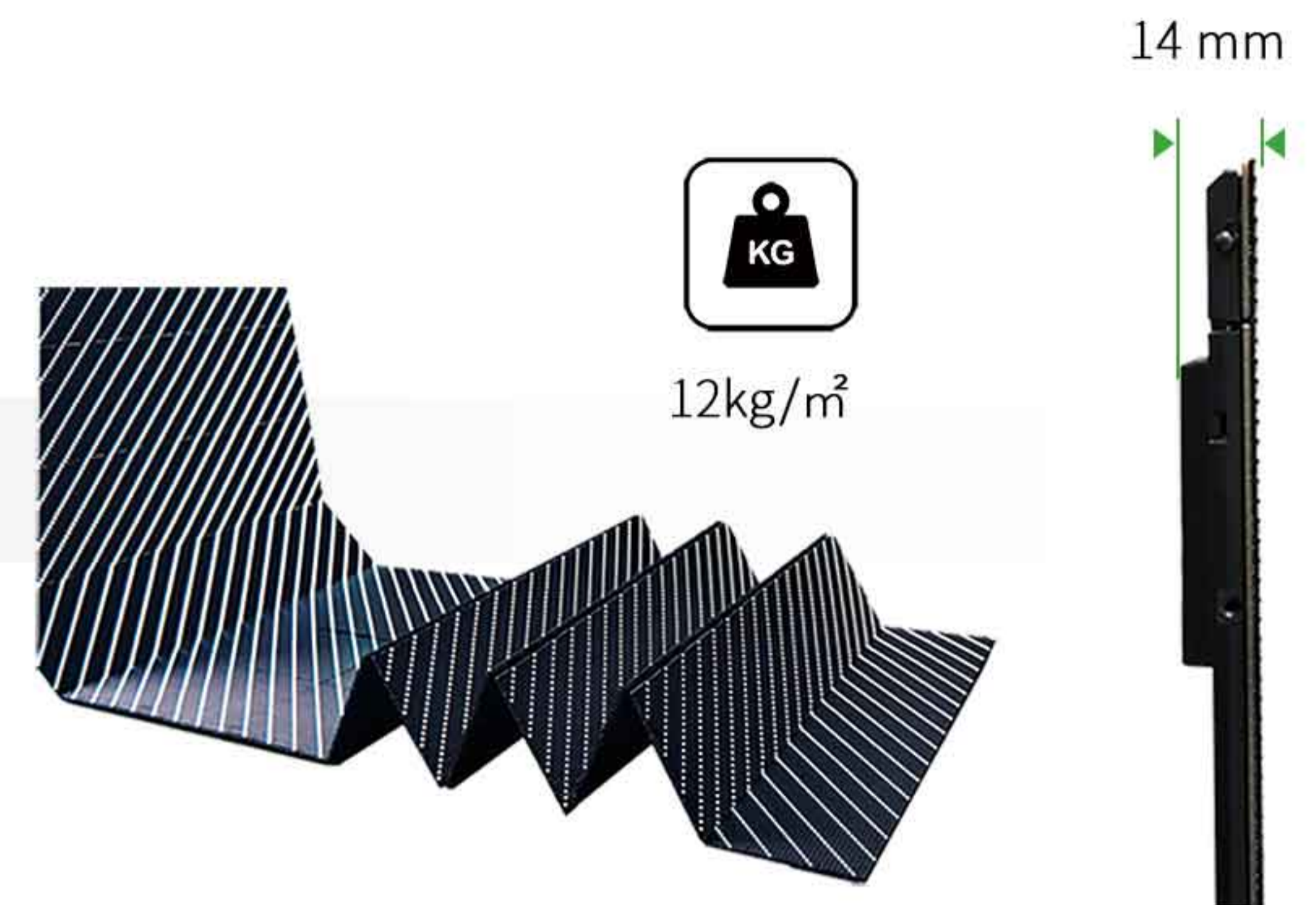
The head and tail of the steel wire are fixed on the head and tail of bearing beam with bolts.
 The bearing beam is fixed to the mounting bracket with bolts.



05

Standardized installation structure

The screen is light, only 12 kg/m², and thin, thickness is only 14 mm, minimize installation structure and minimize impact on buildings. Easy and quick to install, training is simple. Outdoor displays can be installed in batches.



Front and back maintenance

06

Support front or back maintenance, depending on how it is installed; Support to replace unit board.

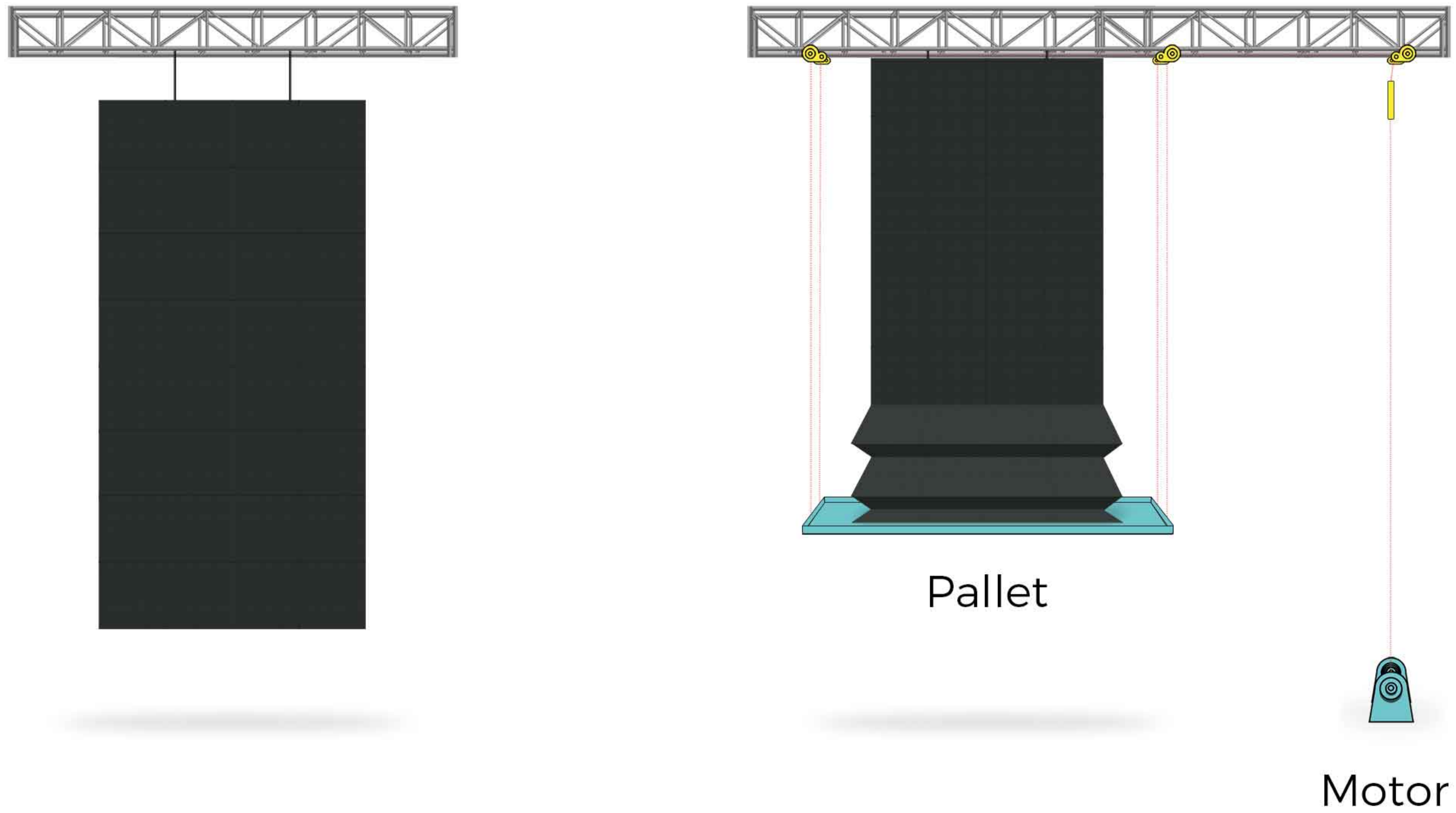
07

High reliability

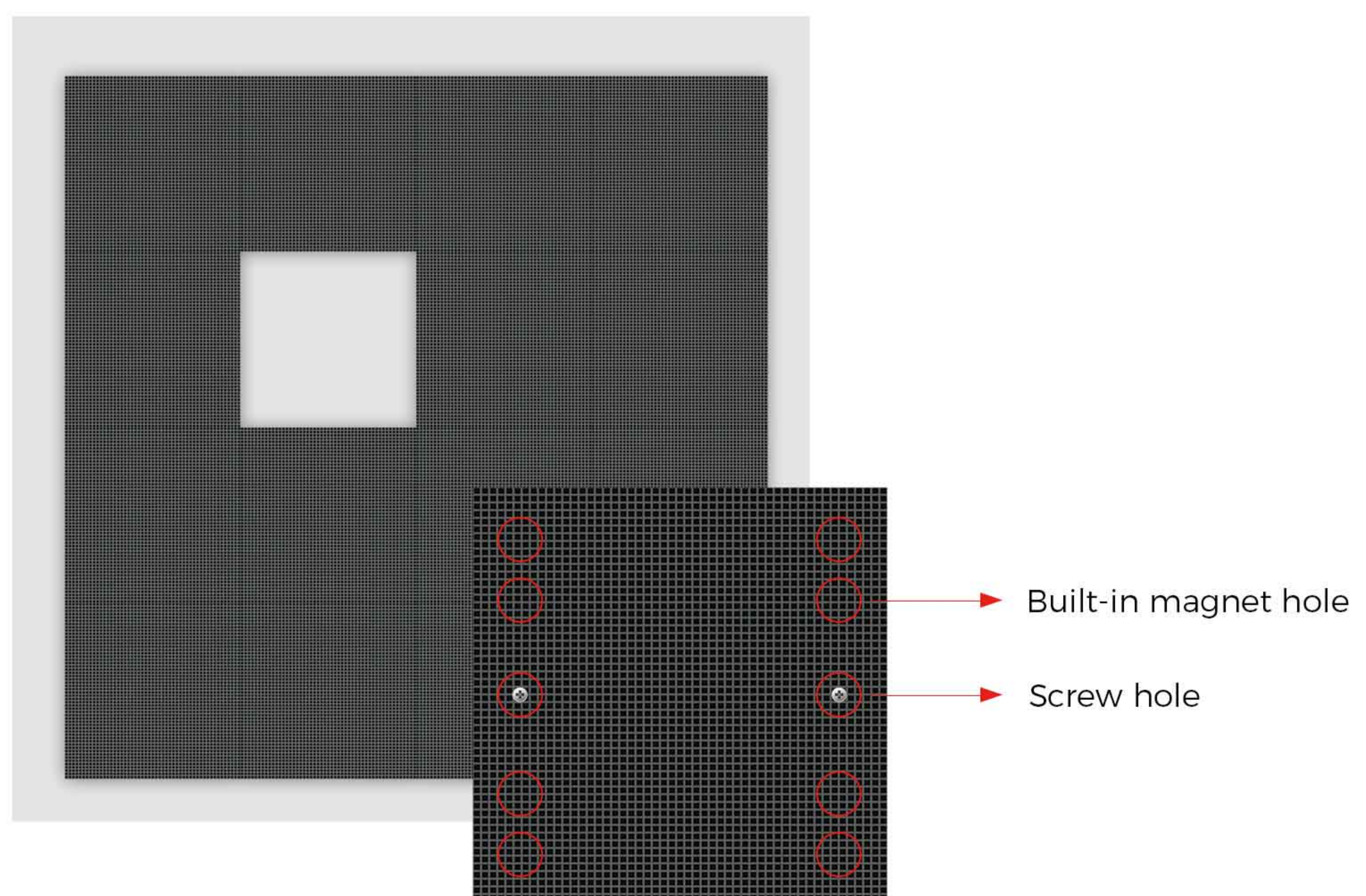
No connectors and low heating are to ensure the screen is stable. Reliable work, basically no maintenance in 2-3 years, extended warranty for up to five years(except led lamp)



01 Hanging installation (optional motor +pallet for automatic folding and retracting)



02 Magnet installation (reserved screw fixing holes)





01 Automatic folding

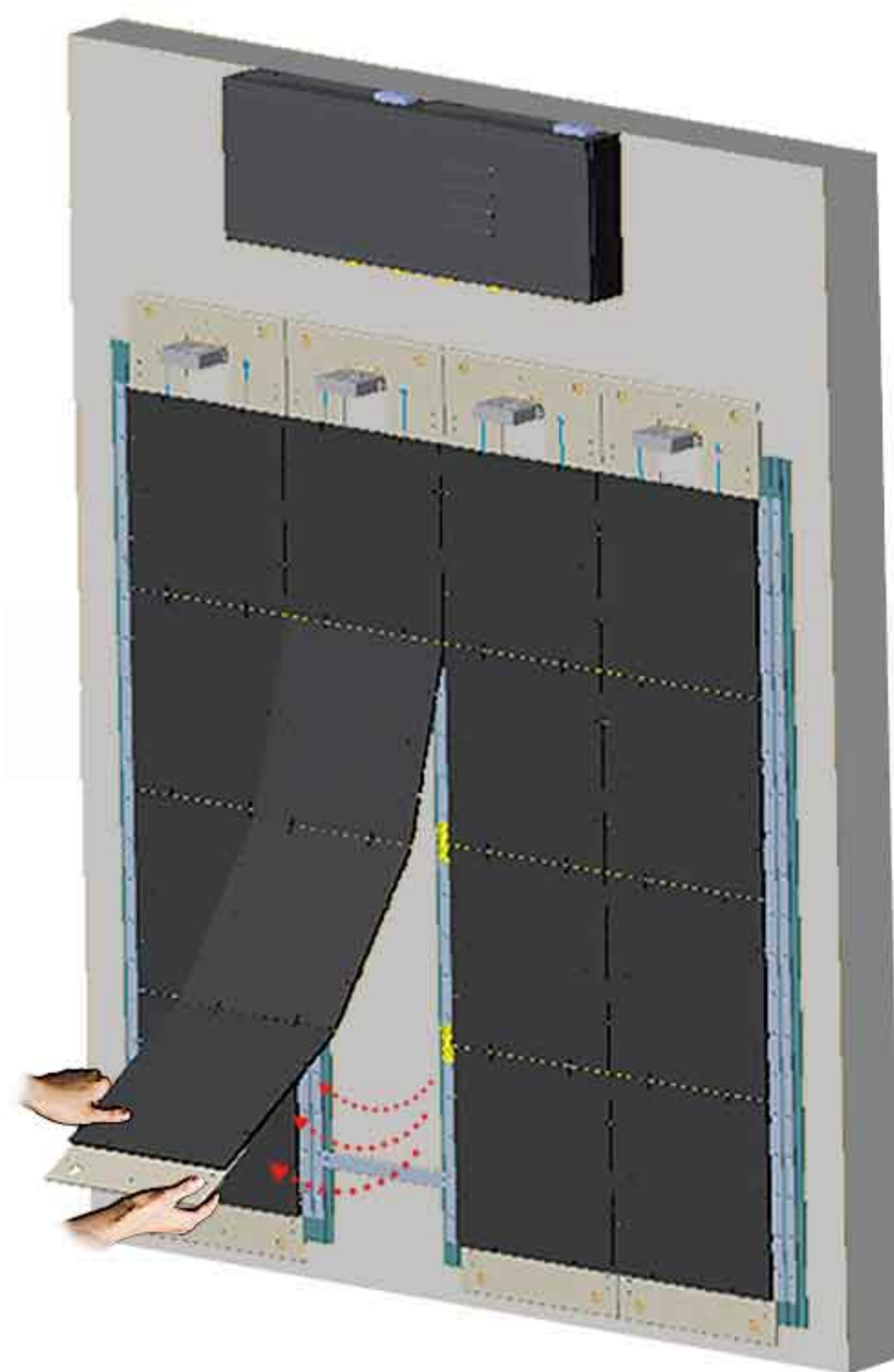


Fashion week



Hotel

It can use motor +pallet to realize automatic folding and retracting, this improves space utilization and realizes fast installation.



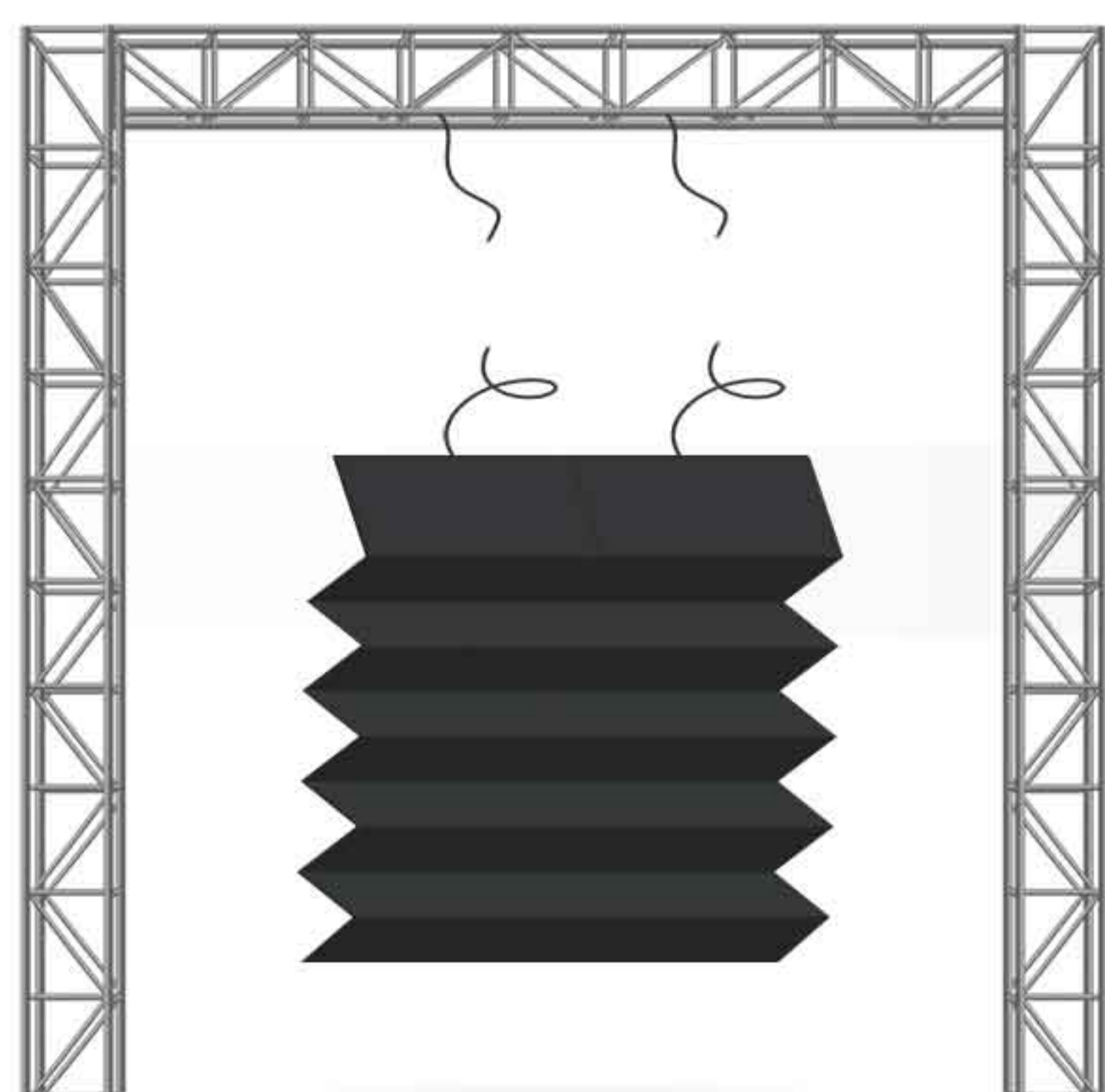
Front maintenance

02

No need to reserve maintenance access.

03 Creative shaping

360°foldable,can realize creative scene application.



Higher security

04

Thin and light, foldable, small impact range when dropped.

05 Save freight and save storage



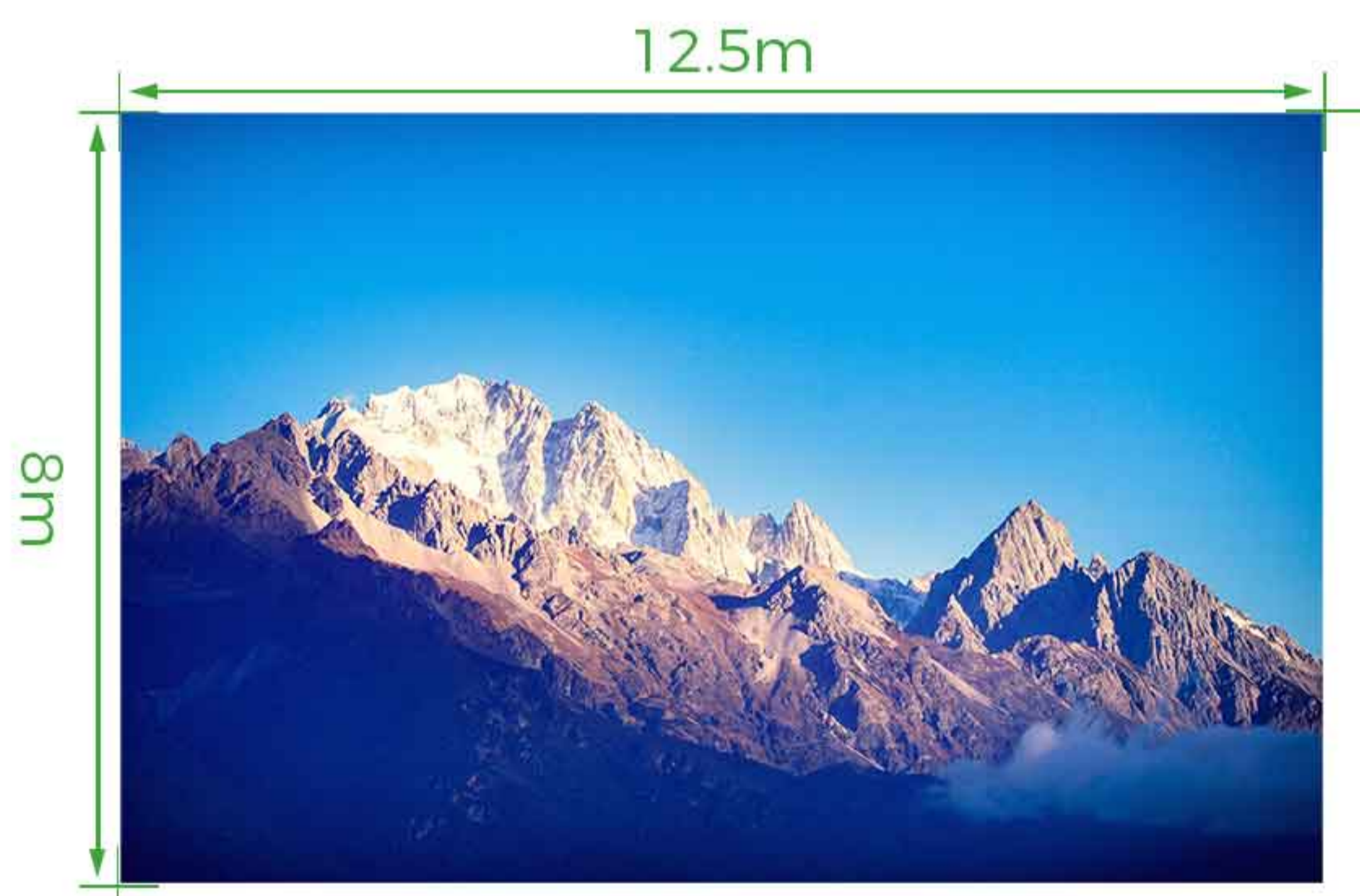
$100\text{m}^2 = 2.5\text{m}^3 = 1300\text{ kg}$



One truck can easily accommodate 100m^2 folding screen

Note: A truck with a size of $4.2 * 1.8 * 1.8$ meters has a load of 1.8 tons and can accommodate 13.6 m^3 of cargo.

06 Save labor and installation time



$12.5\text{m} * 8\text{m} = 100\text{m}^2$



2 persons



2 hours

07 Save space, small storage volume



x 3

100m^2 screen = 2.5m^3 space = 3 flight cases






01 Synchronous

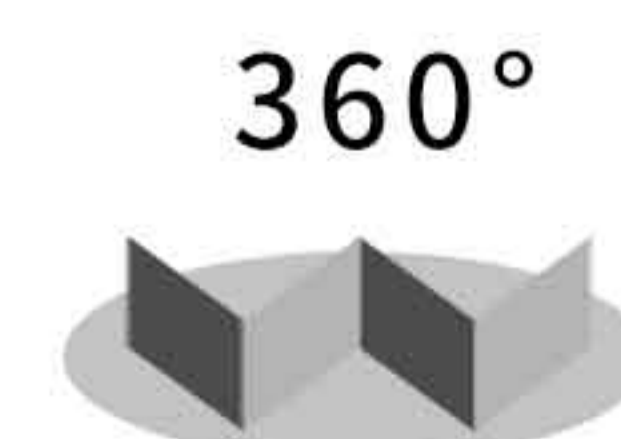
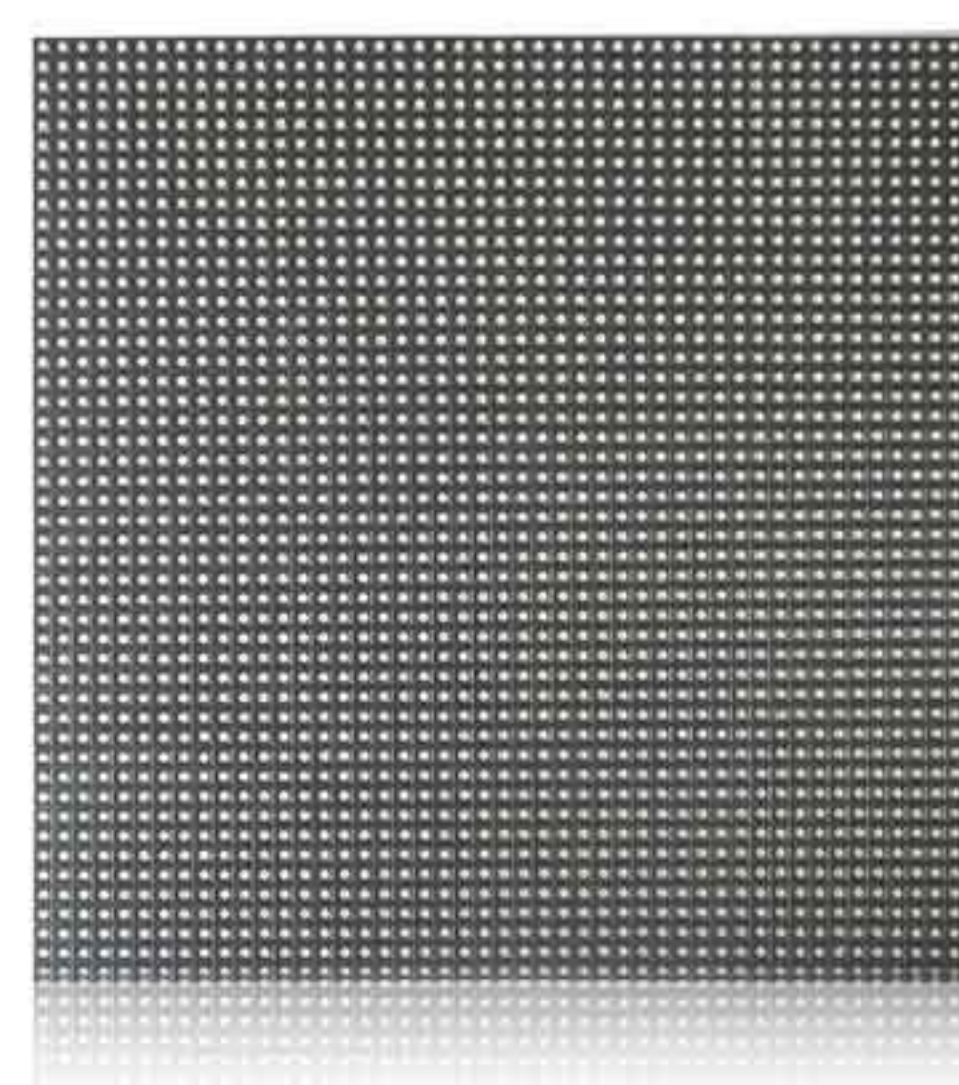


02 Asynchronous



Screen


Application Environment		Indoor			
Model		Smart 3	Smart 5	Smart 6	Smart 7
Pixel Pitch	(mm)	3.9	5.2	6	7.8
IP Rating		IP43	IP43	IP43	IP43
LED Type		SMD 1010	SMD 2020	SMD 1921	SMD 1921
Pixel Density	(pixel/m ²)	65536	36864	27777	16384
Driving Mode		1/16	1/12	1/16	1/16
Gray Scale	(bit)	16	16	16	16
Max Brightness	(nits)	1400	1500	3000	1800
Max Refresh Rate	(Hz)	4000	5000	4000	4000
Module Resolution	(pixels)	64 * 64	48 * 48	32 * 32	32 * 32
Module Size	(mm)	250 * 250	250 * 250	192 * 192	250 * 250
Screen Thickness	(mm)	14	14	16	16
Weight	(kg/m ²)	12	12	10	12
Folding Angle		360°	360°	360°	360°
Viewing Angle	(H/V)	110° / 110°	120° / 120°	120° / 120°	120° / 120°
Max Power Consumption	(w/m ²)	900	670	380	220
Output Voltage	(V)	DC24V	DC24V	DC24V	DC24V
Input Voltage	(V)	AC100 ~ AC240	AC100 ~ AC240	AC100 ~ AC240	AC100 ~ AC240
Max Height of a Panel	(m)	6	8	9	12
Best Viewing Distance	(m)	≥4	≥5	≥6	≥8
Brightness adjustment (digital)	(levels)	256	256	256	256
Brightness adjustment (analog current)	(levels) (option)	64-256	64-256	64-256	64-256
Contrast		2500:1	2500:1	2500:1	2500:1
Connection Type	(standard) (spare)	2+14pin Soldering 50pin Connector	2+14pin Soldering 50pin Connector	2+14pin Soldering 50pin Connector	
Short Circuit Protection		Yes	Yes	Yes	Yes
Quick Maintenance		Yes	Yes	Yes	Yes
Controlling Mode		synchronous asynchronous	synchronous asynchronous	synchronous asynchronous	synchronous asynchronous
Installation Method		Hanging Magnet mounting	Hanging Magnet mounting	Hanging Magnet mounting	Hanging Magnet mounting
Operation temperature	(C°)	-40 ~ 65	-40 ~ 65	-40 ~ 65	-40 ~ 65
Operation humidity	(RH)	0% ~ 90%	0% ~ 90%	0% ~ 90%	0% ~ 90%
Certificate		    			





维世
ONUMEN

Onumen technology Co.,Ltd.

 +86-189-2384-8056 (Wechat, whatsapp)

 sales@onumen.com

 www.onumen.com

 4th Floor Building A3 Xiwan Zhiyuan Hangkong
Road Bao'an District Shenzhen China

