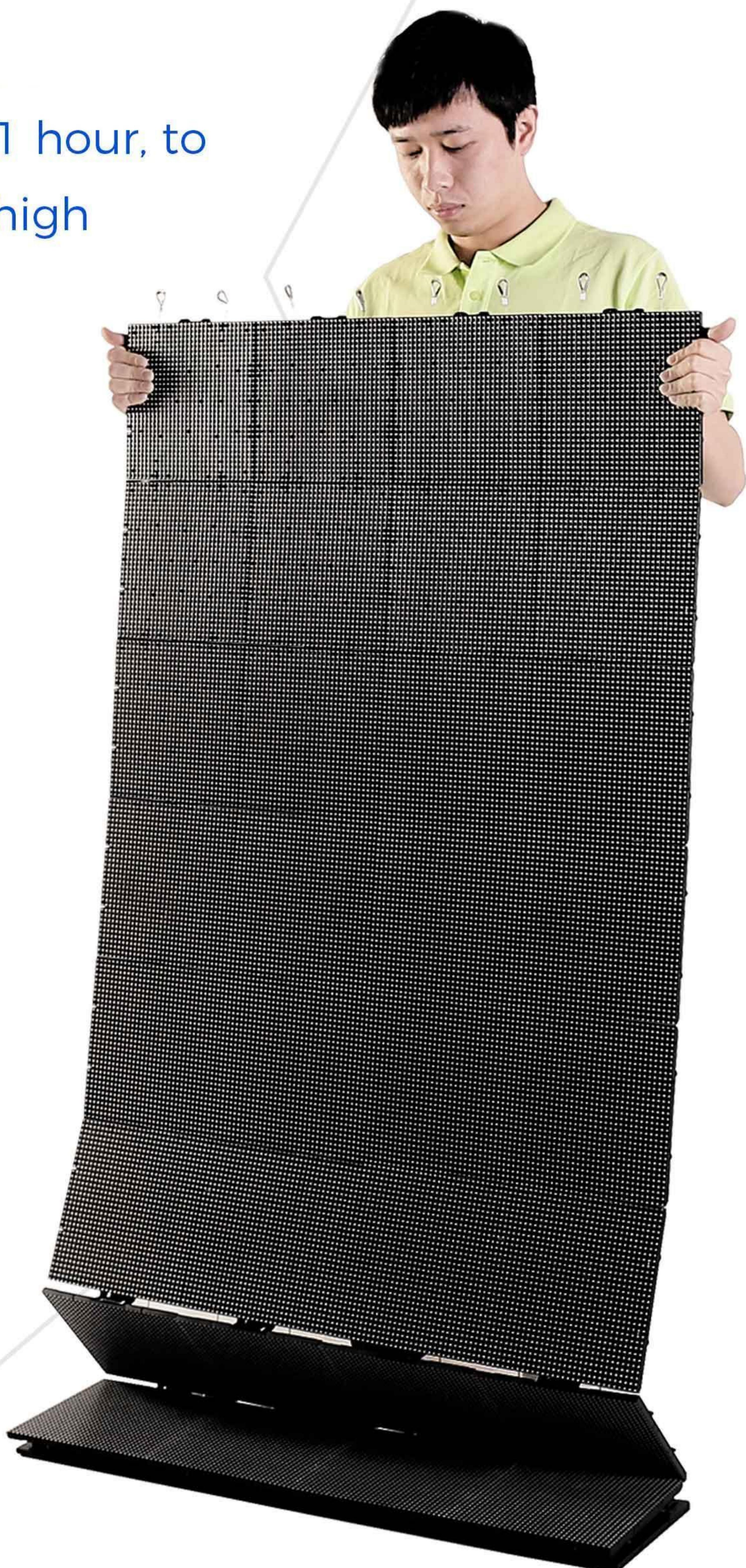


Indoor LED Foldable Screen

Smart

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



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



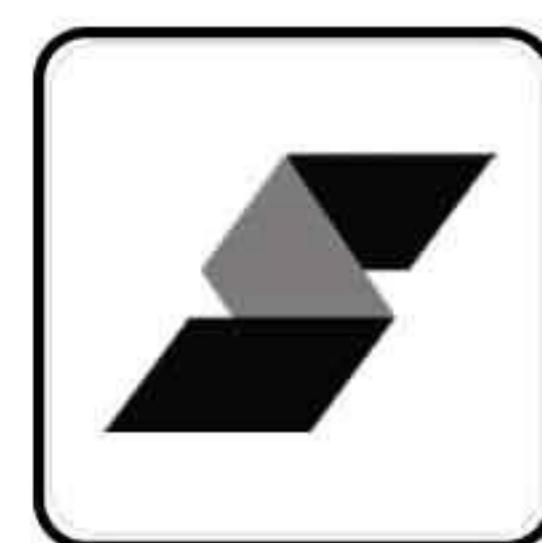
Product features



Ultra-light
 12kg/m^2



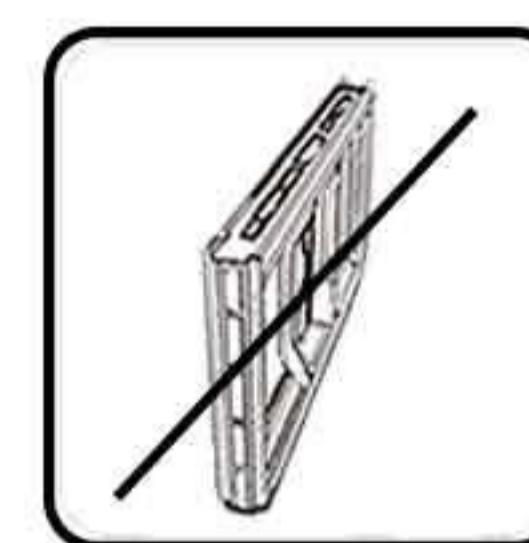
Ultra-thin
14 mm



Foldable
360°



No fan

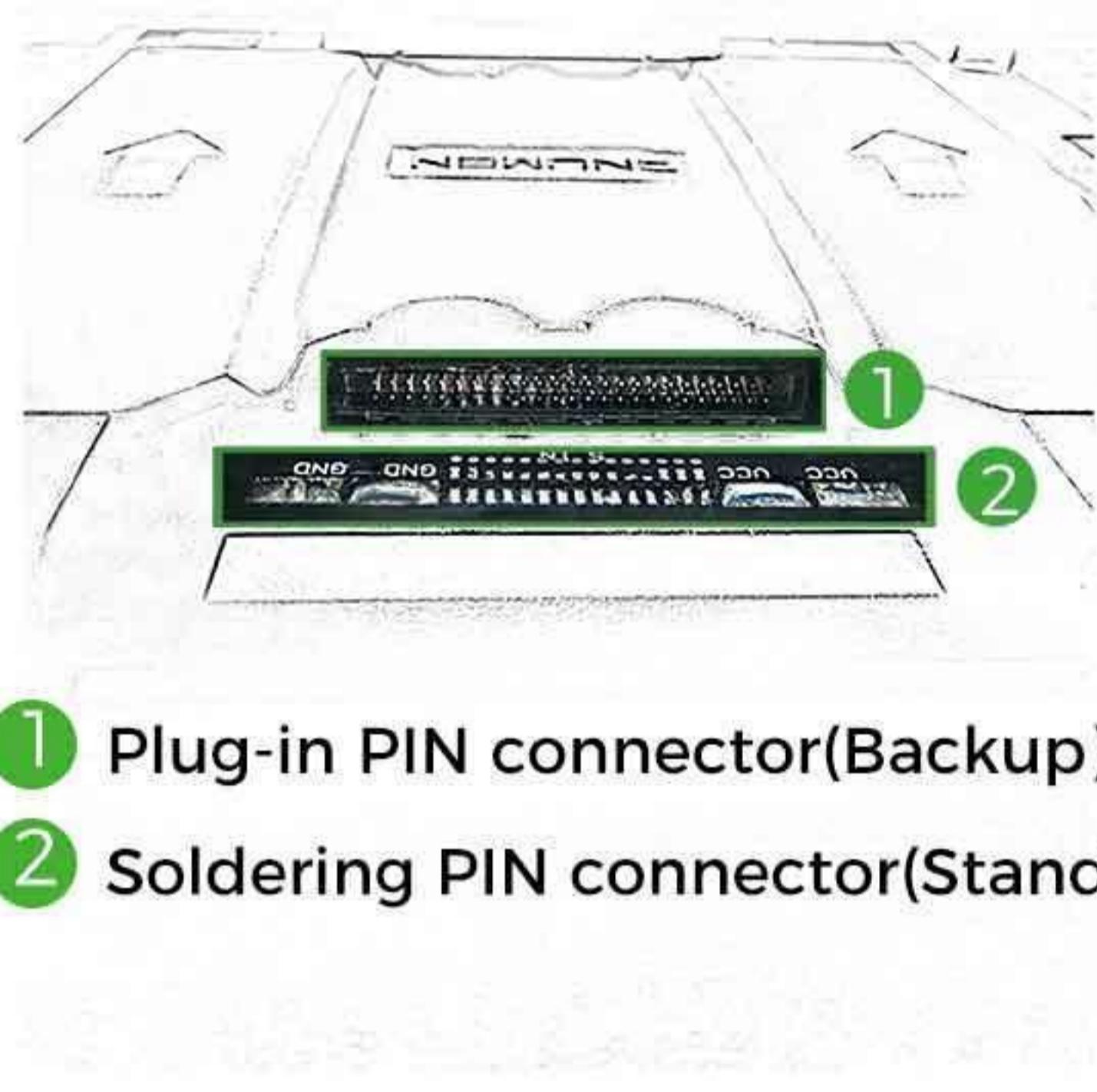
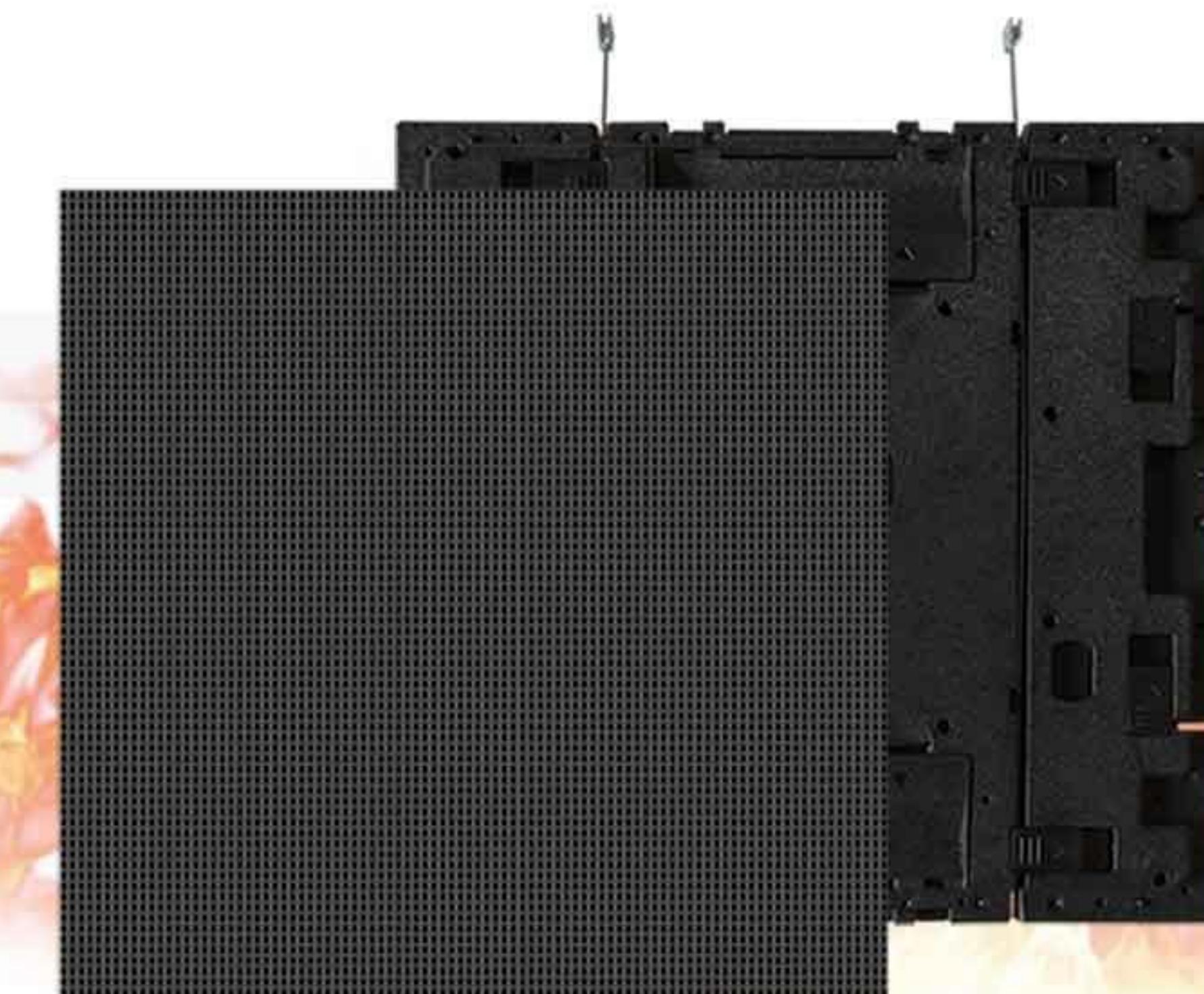


No frame

- 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.

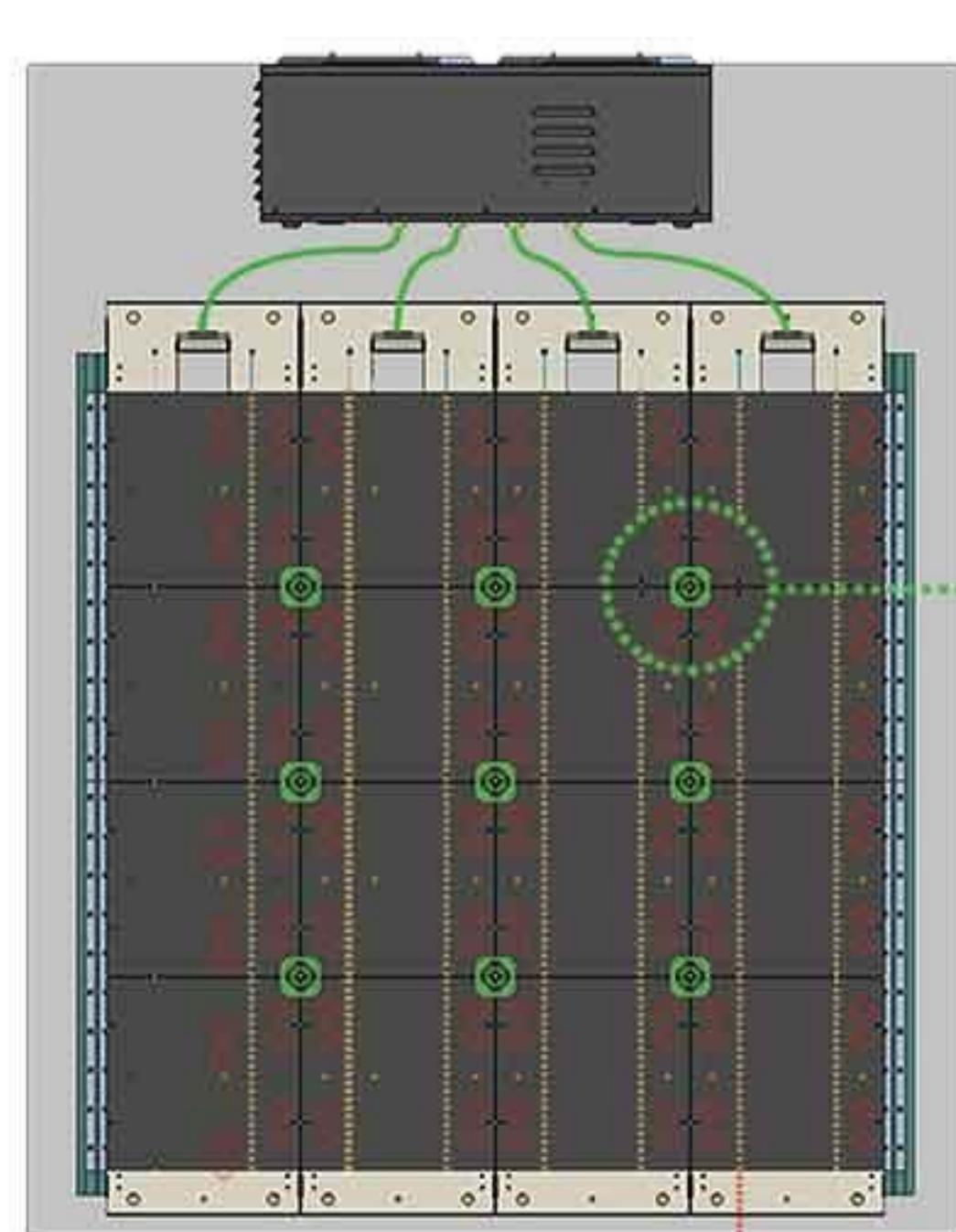
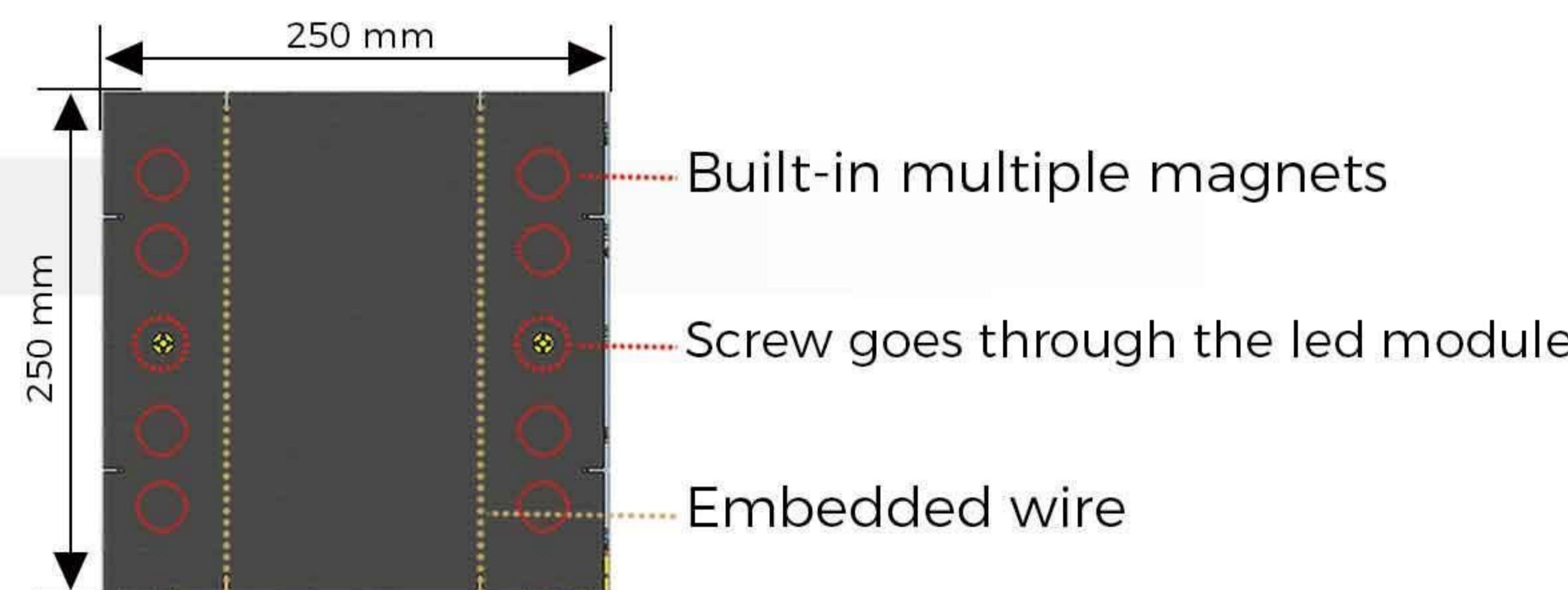


02 Special soldering and plug-in dual connectors design

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.



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

Steel wire

04 Screen load bearing

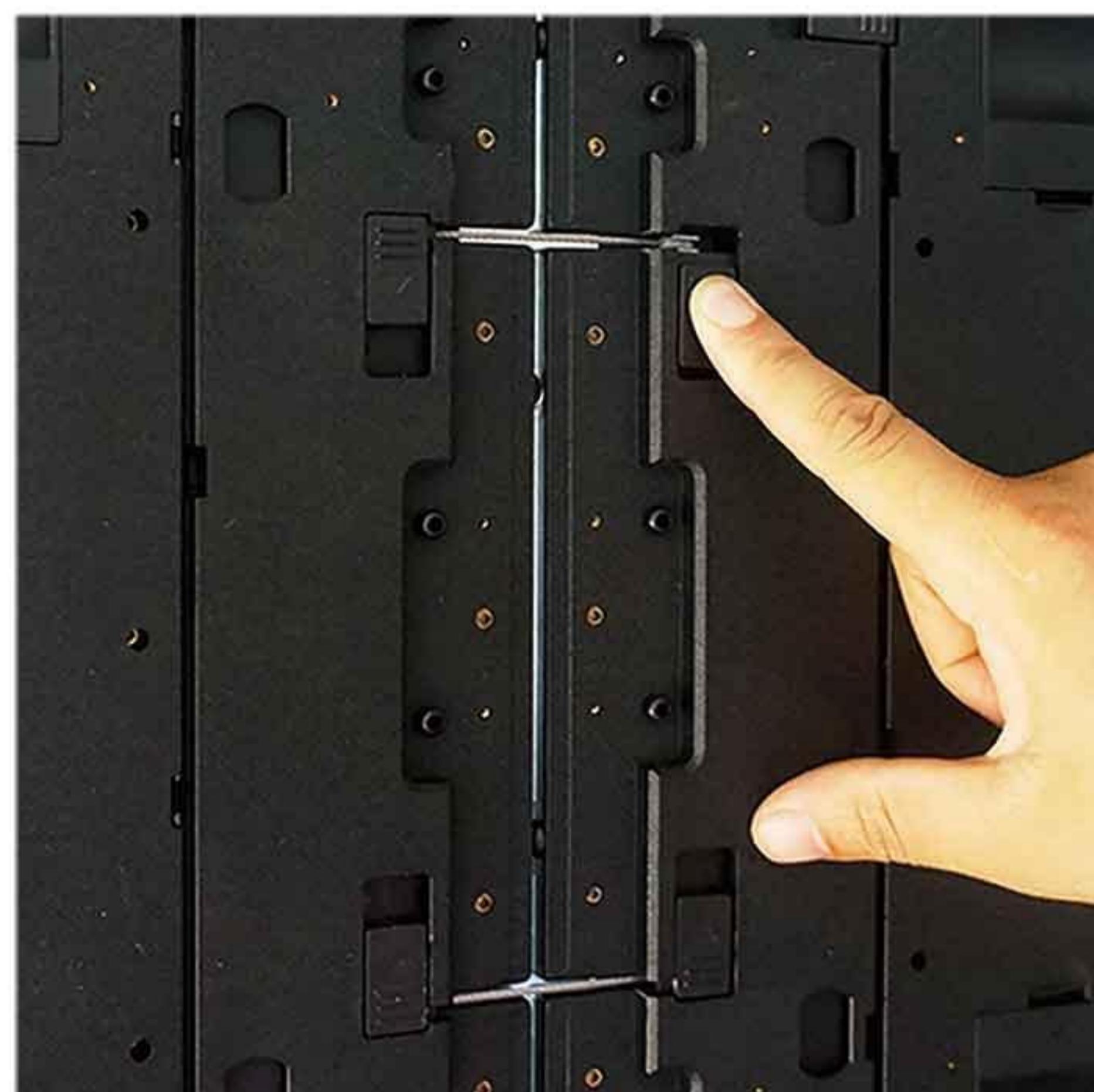
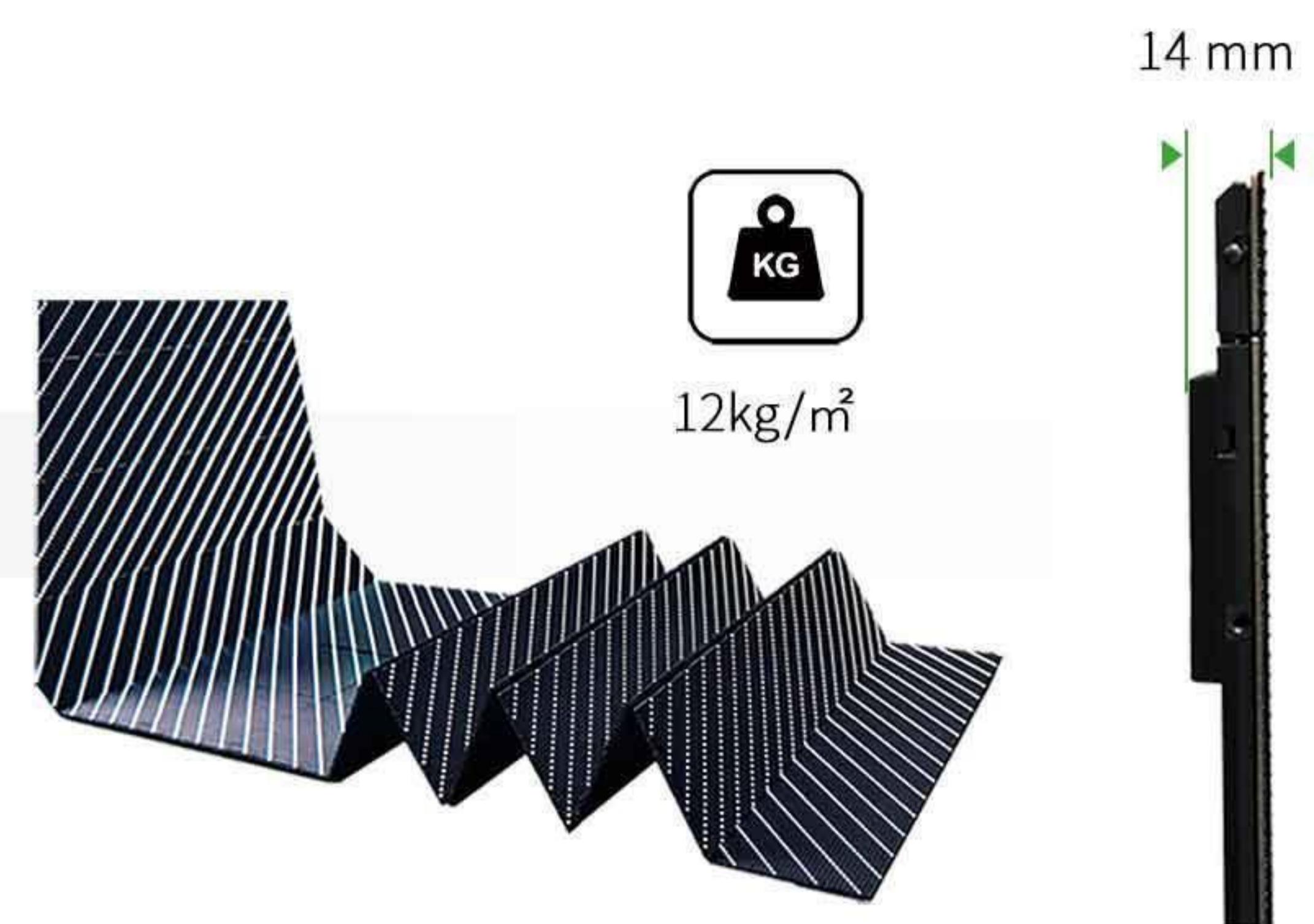
Each 0.25m wide unit board has 2 built in steel wires
Maximum bearing capacity $750\text{KG} = 50 \text{ m}^2$,
maximum 250m height .
The head and tail of the steel wire are fixed on the head and tail of bearing beam with bolts.
The bearing beam is fixed to the mounting bracket with bolts.

Product features

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

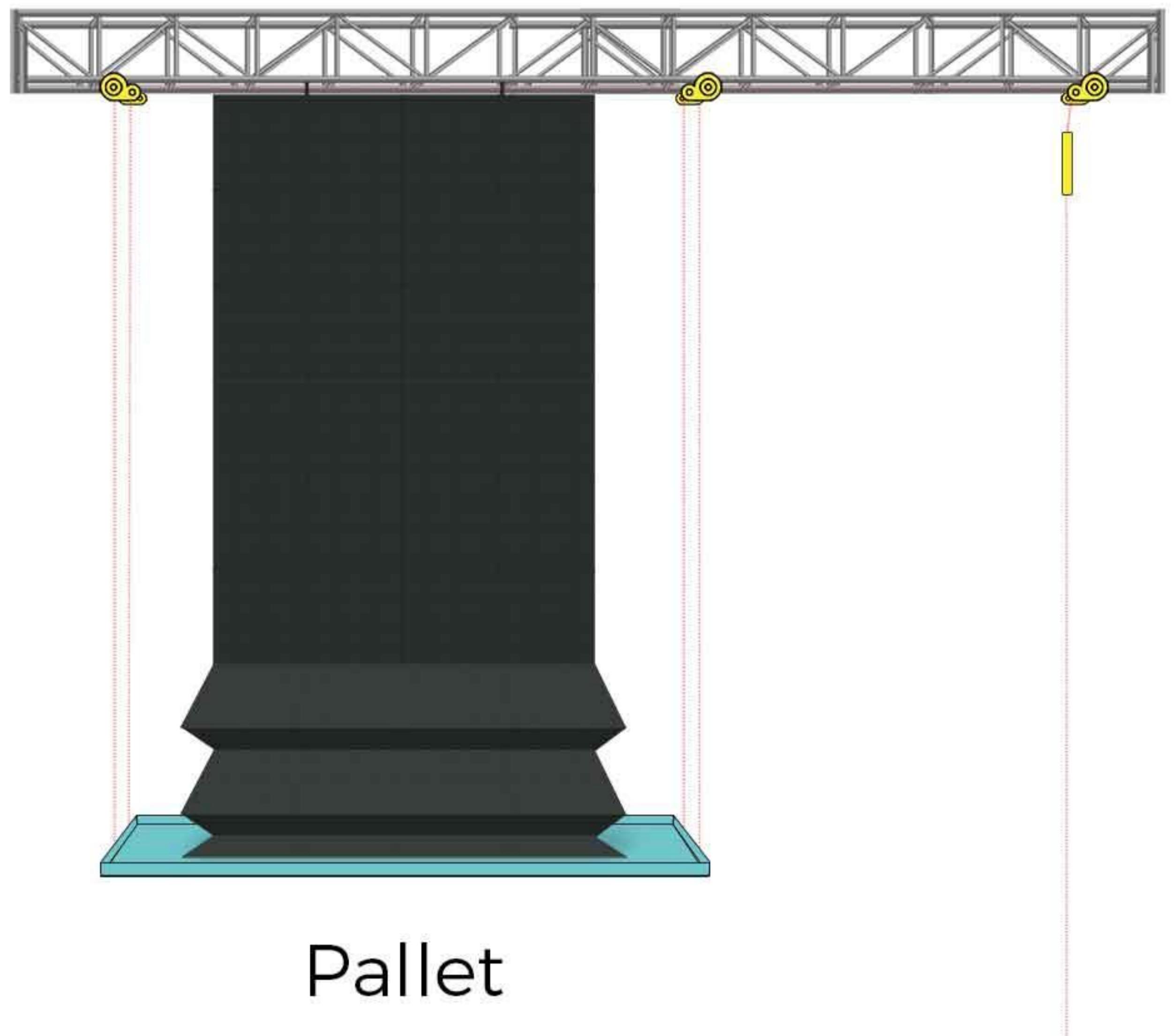
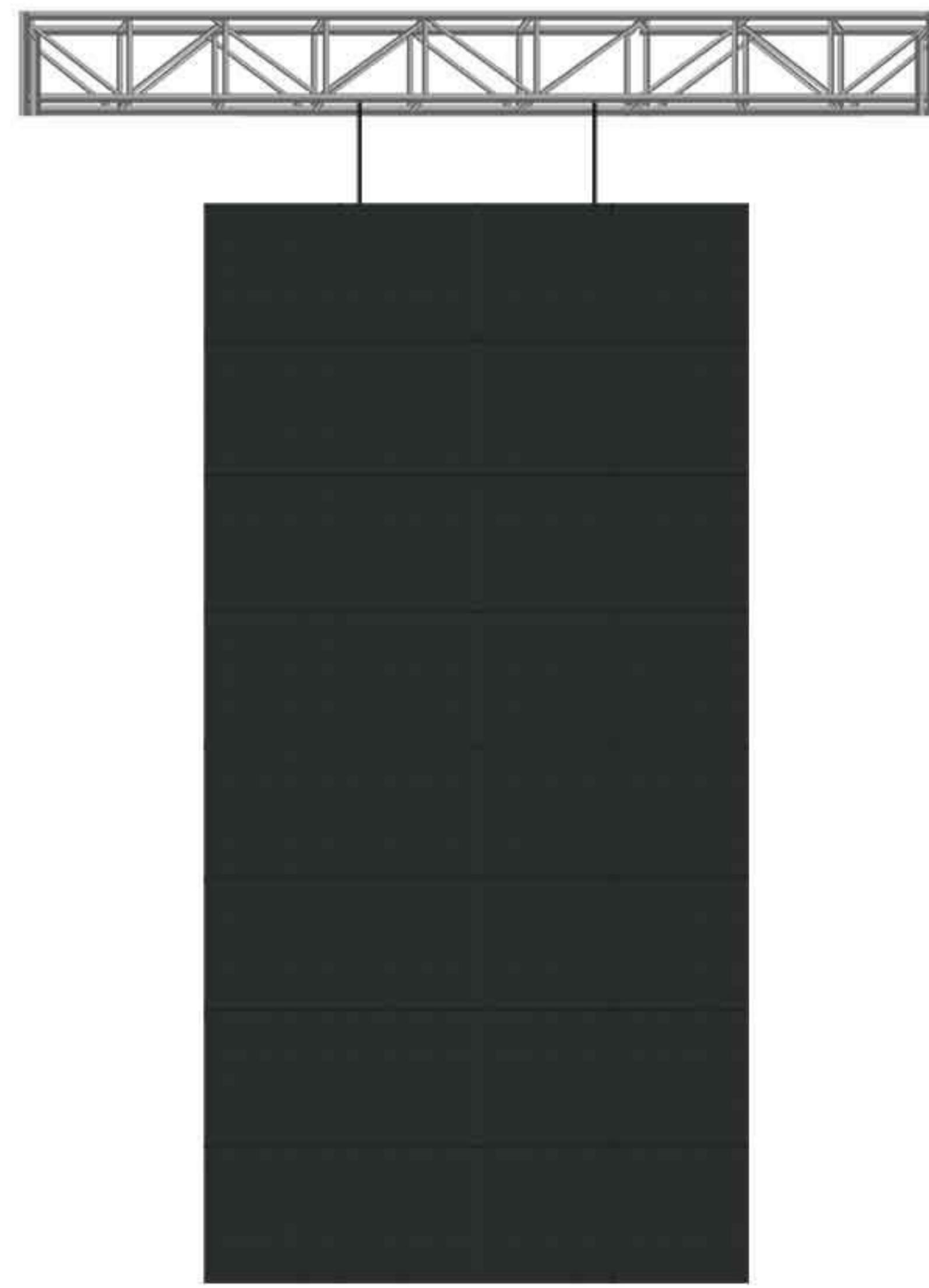
High reliability

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)



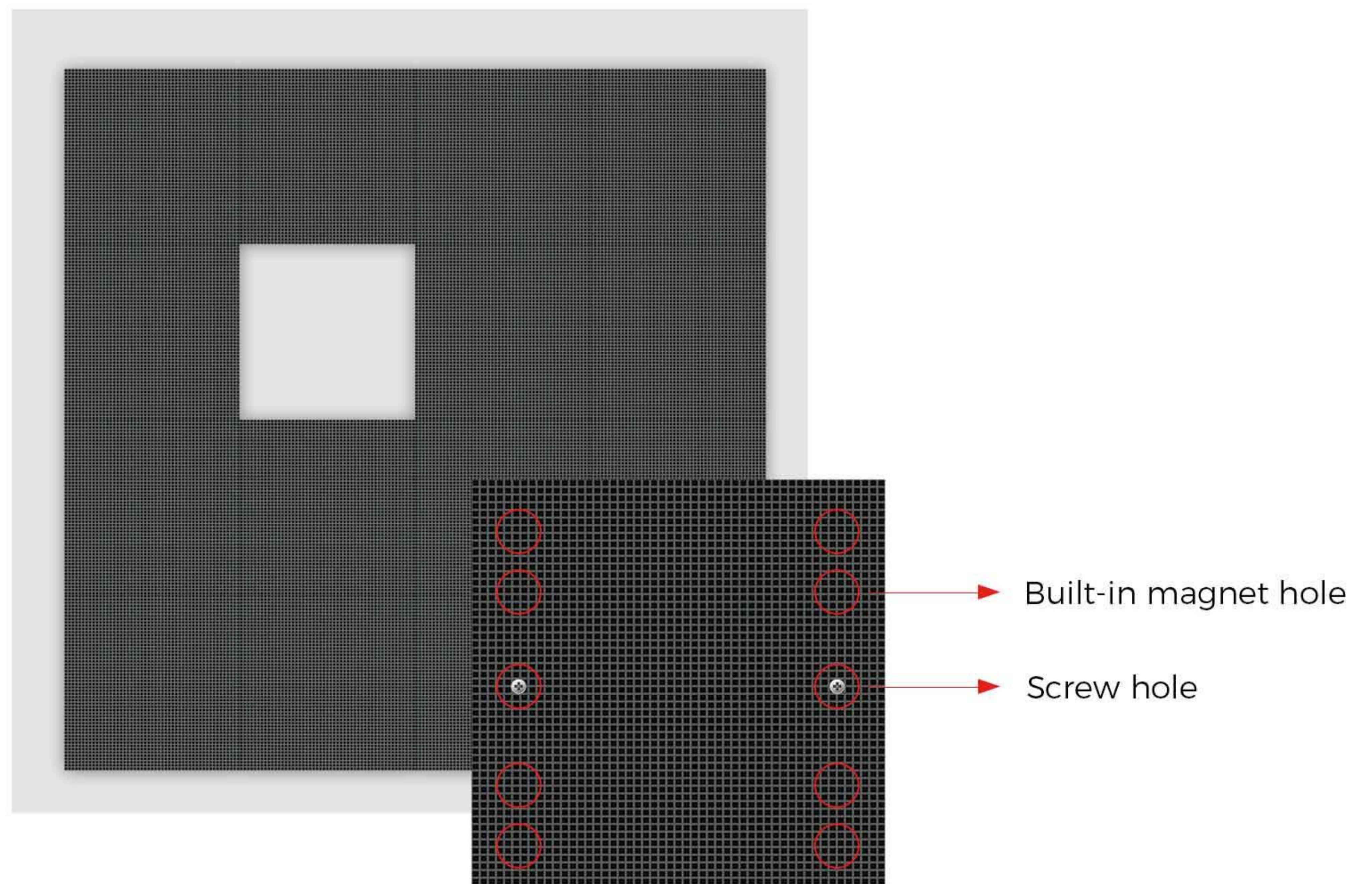
Pallet



Motor

02

Magnet installation (reserved screw fixing holes)



Product advantages

01 Automatic folding

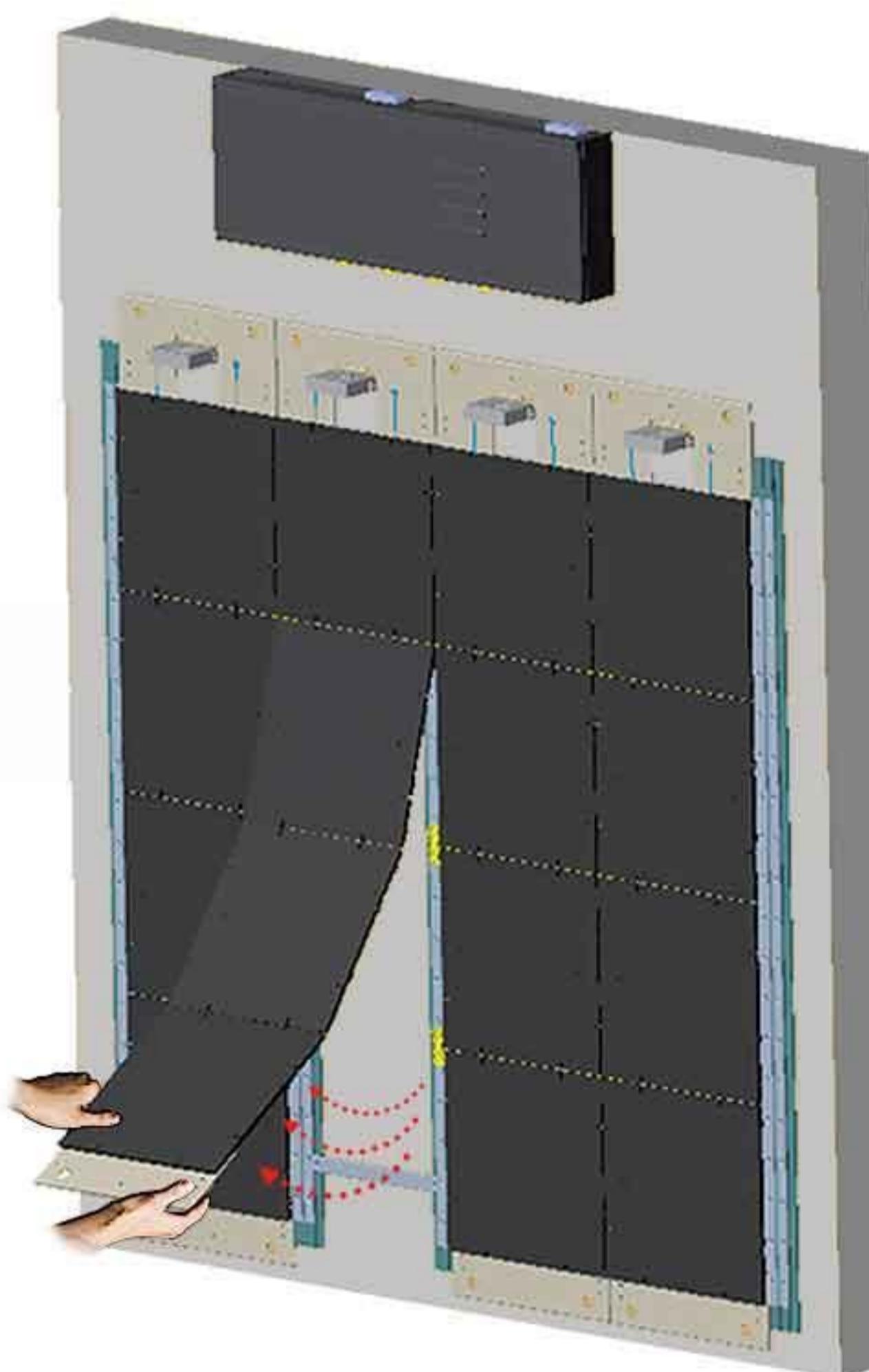
It can use motor +pallet to realize automatic folding and retracting, this improves space utilization and realizes fast installation.



Fashion week



Hotel

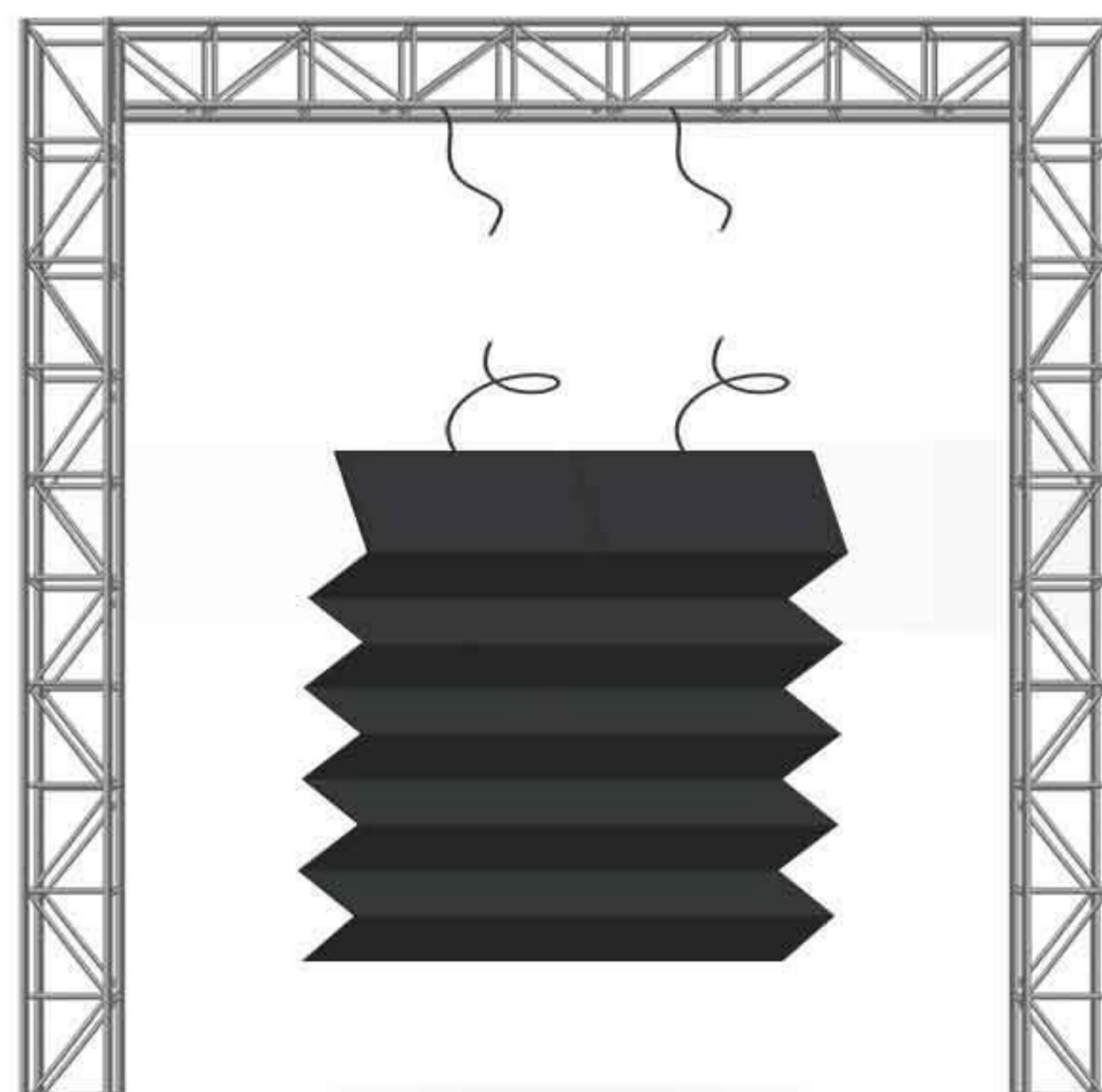


02 Front maintenance

No need to reserve maintenance access.

03 Creative shaping

360°foldable,can realize creative scene application.

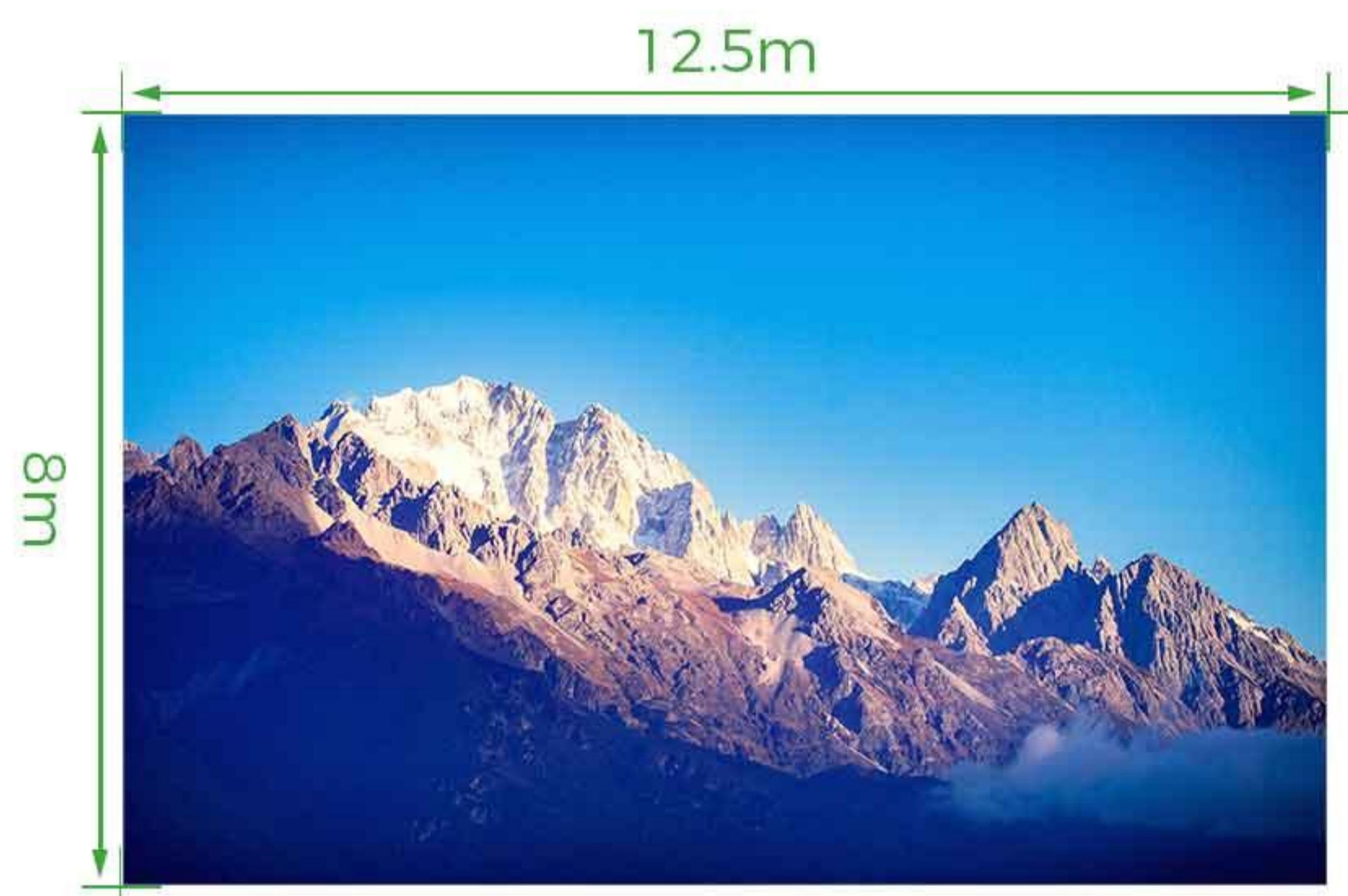


04 Higher security

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

05

Save freight and save storage



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

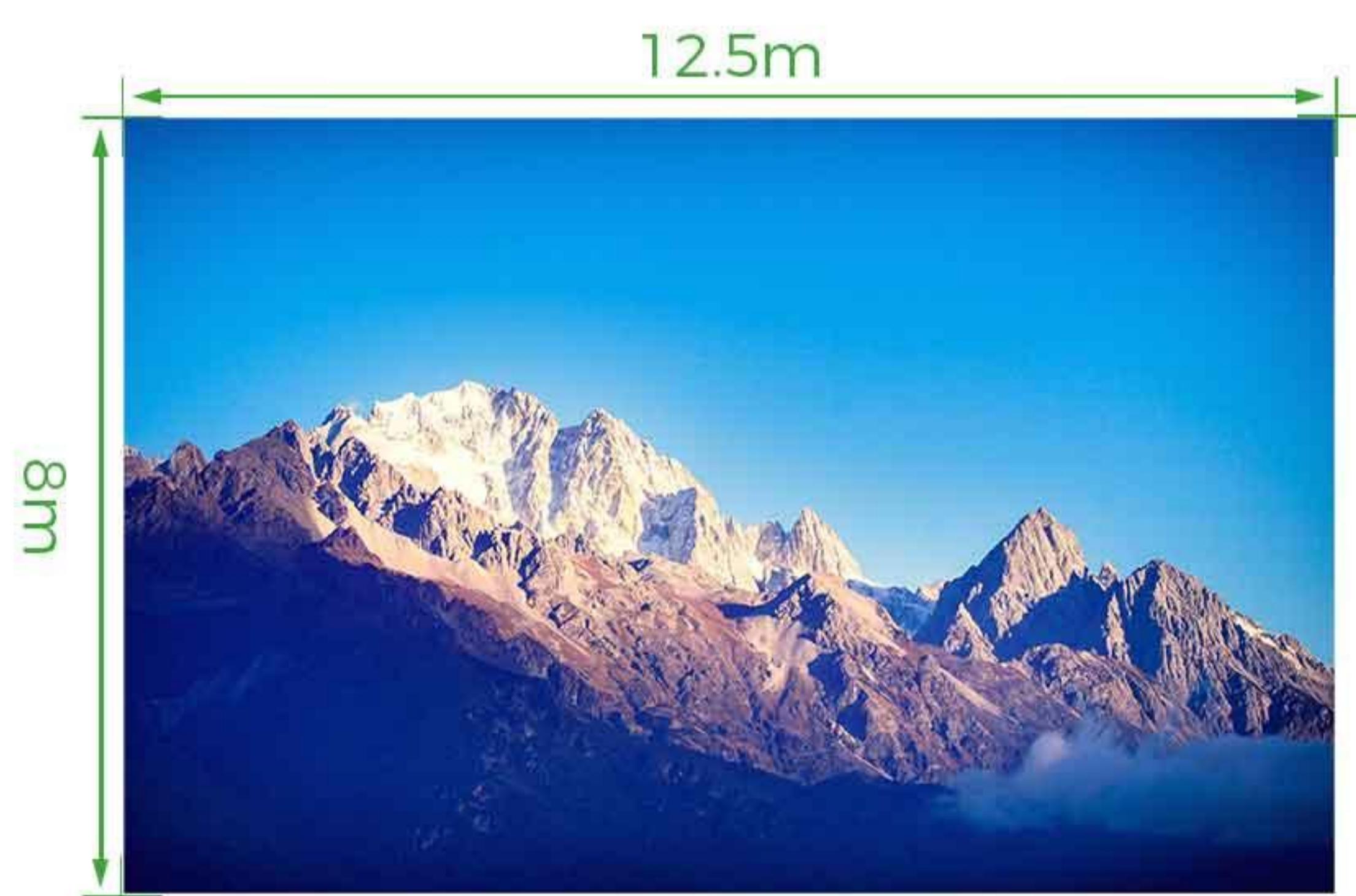


One truck can easily accommodate 100m² folding screen

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 m³ of cargo.

06

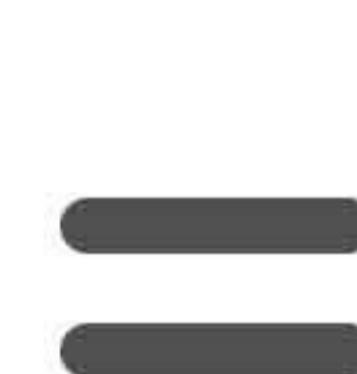
Save labor and installation time



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



2 persons



2 hours

07

Save space,small storage volume



100m² screen = 2.5m³ space = 3 flight cases

System connection

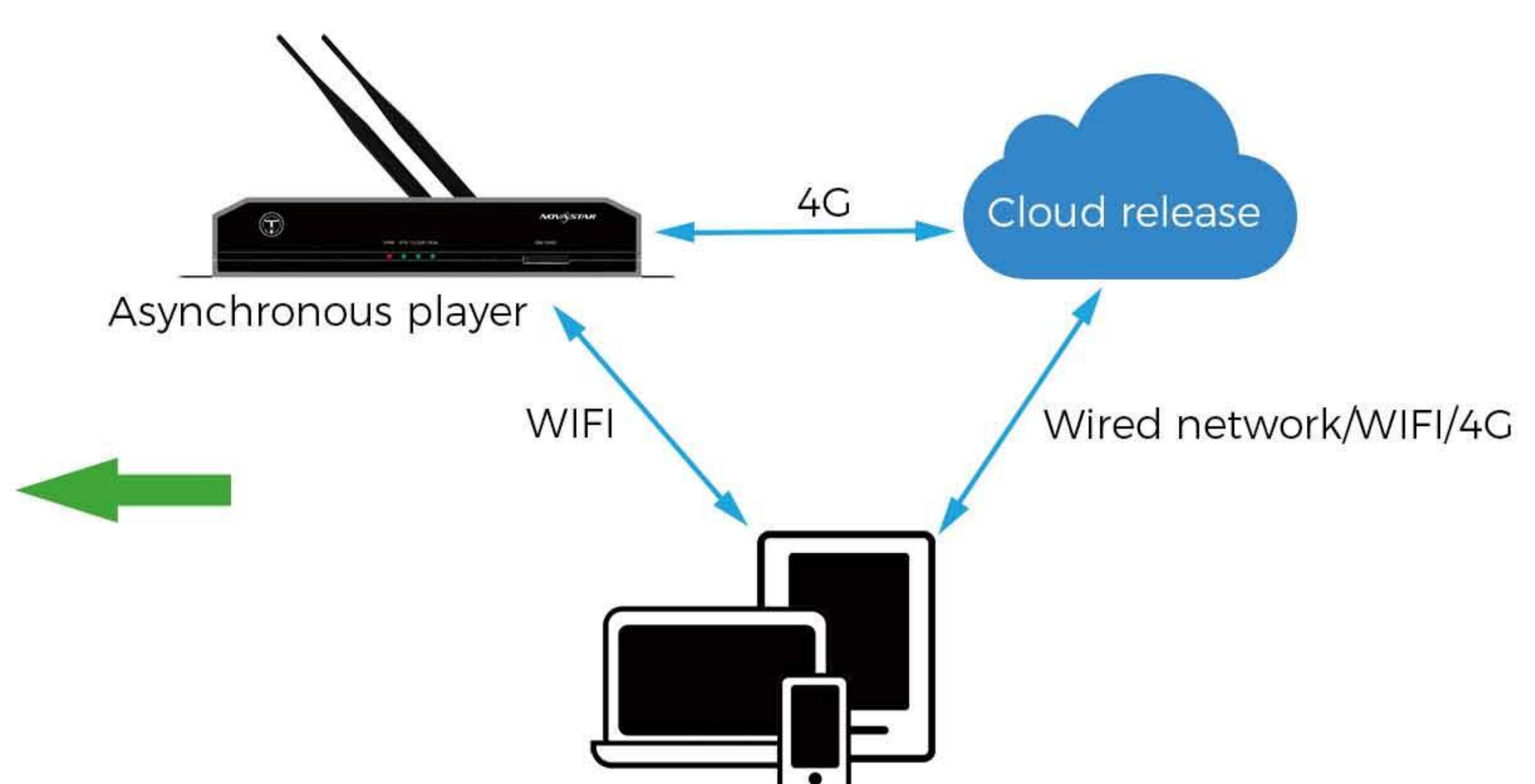
01

Synchronous



02

Asynchronous

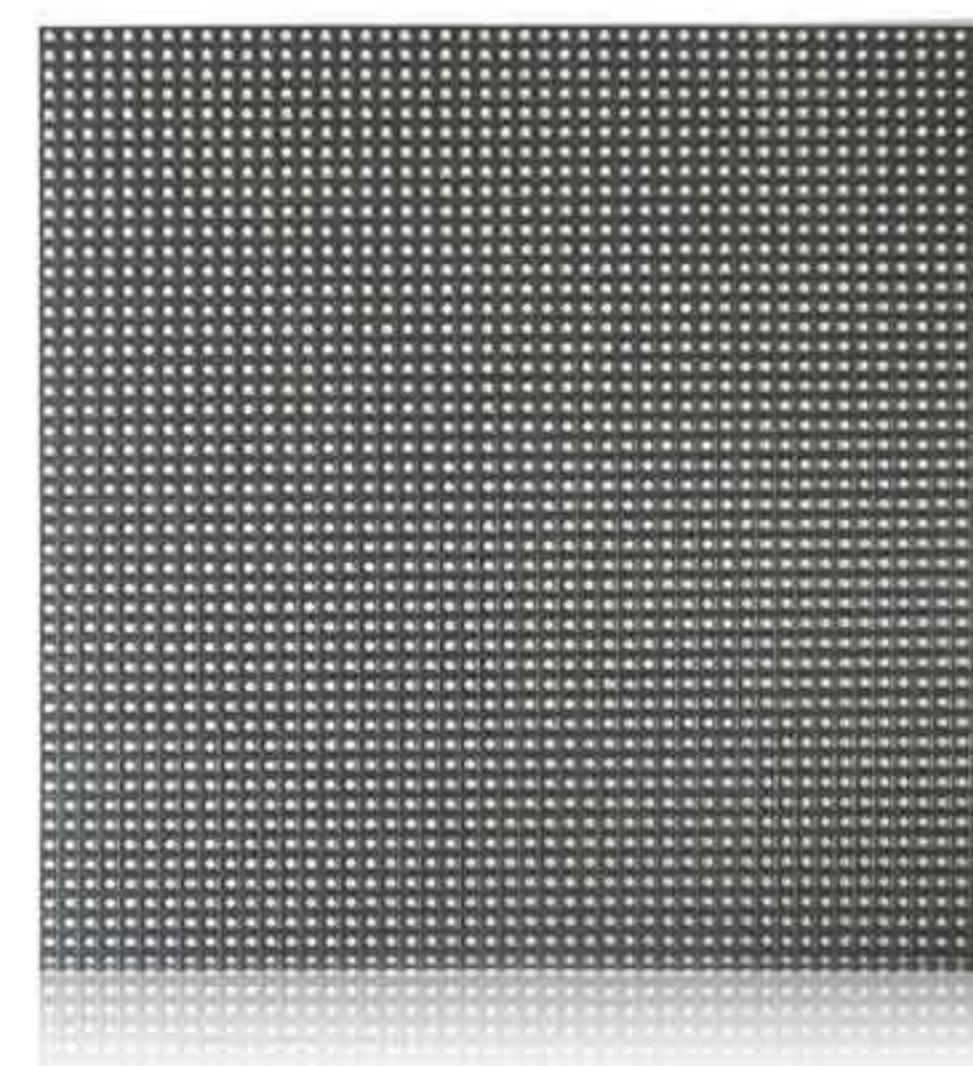


Screen

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/m²) | 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/m²) | 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/m²) | 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) (option) (levels) | 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 | 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 | | | | | | |



360°

