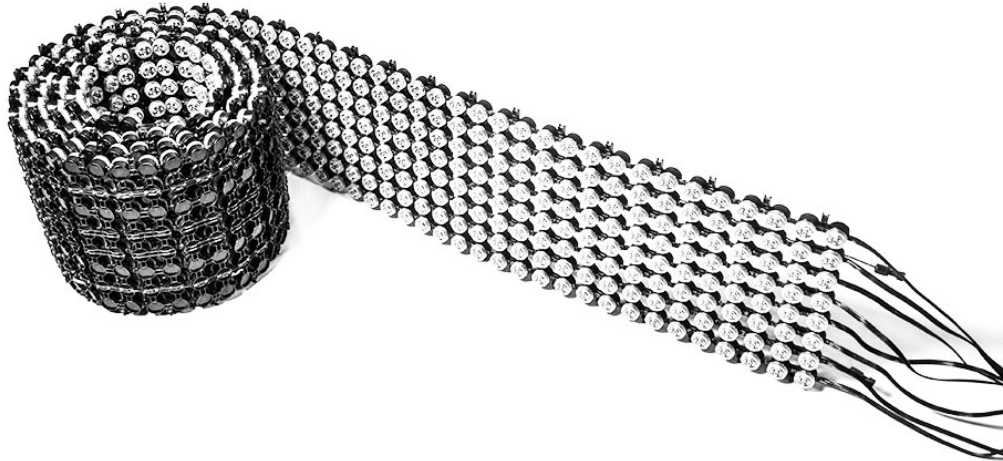# Flexible Transparent LED Dot Mesh Display
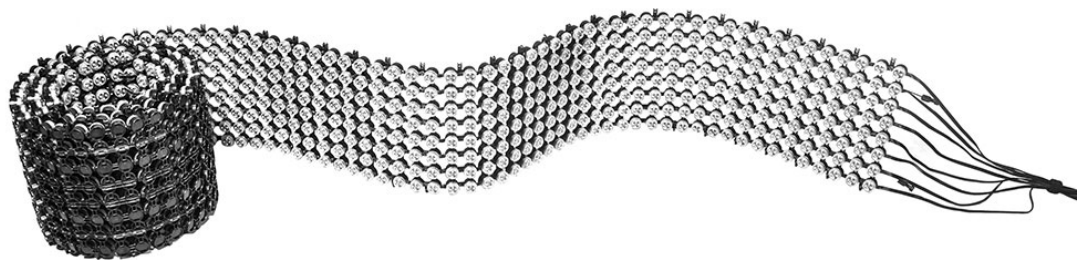

VFP-4 SERIES LED DISPLAY

Pixel pitch: 37.5mm / 56.25mm / 75mm

New generation flexible LED mesh display for media façade and video walls. It is ultra-light weight, super transparent, high brightness, and easy to install, widely used for creative architecture media facade and stage rental design.

FEATURES

Ultra-flexible, easy to form either flat or curved shape to fit in the irregular shaped building façade or stage design. The panel size and color can be custom-made.
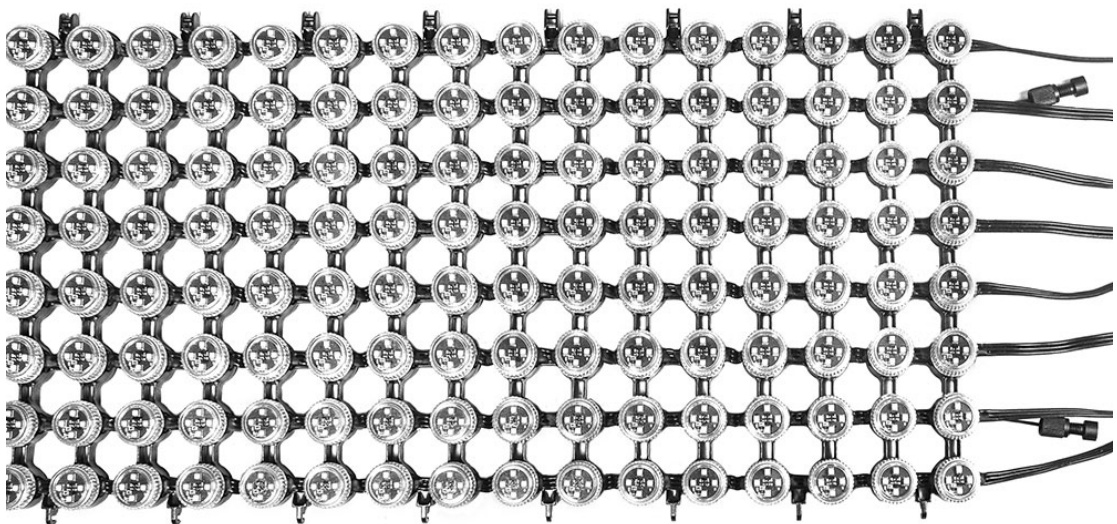

Over 55% high transparency rate allows the sunshine penetrate the building glass window, also ensuring the screen has great ventilation and wind-resistance function.

Featured fast inter-panel locks make installation quick and easy, especially for large area displays.

Ultra light, a simple installation structure is enough to hold the screen. Panels can be well fixed by locking the following two pieces of connector on installation structure.
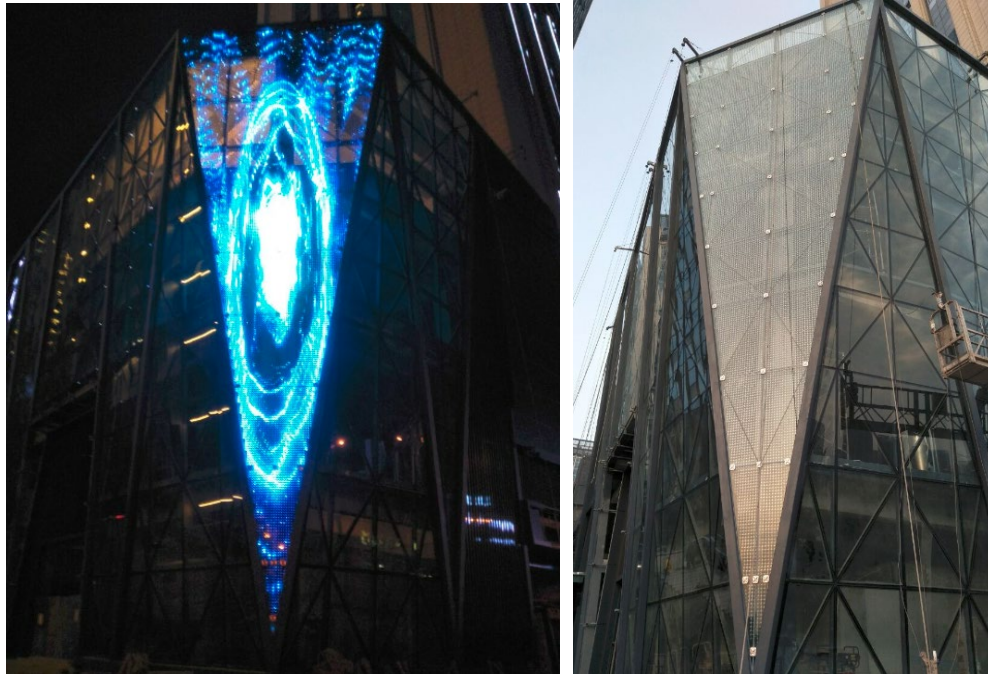
No need to change the building existing structure. It can be either installed behind the glass wall or fixed on the concreate wall surface.
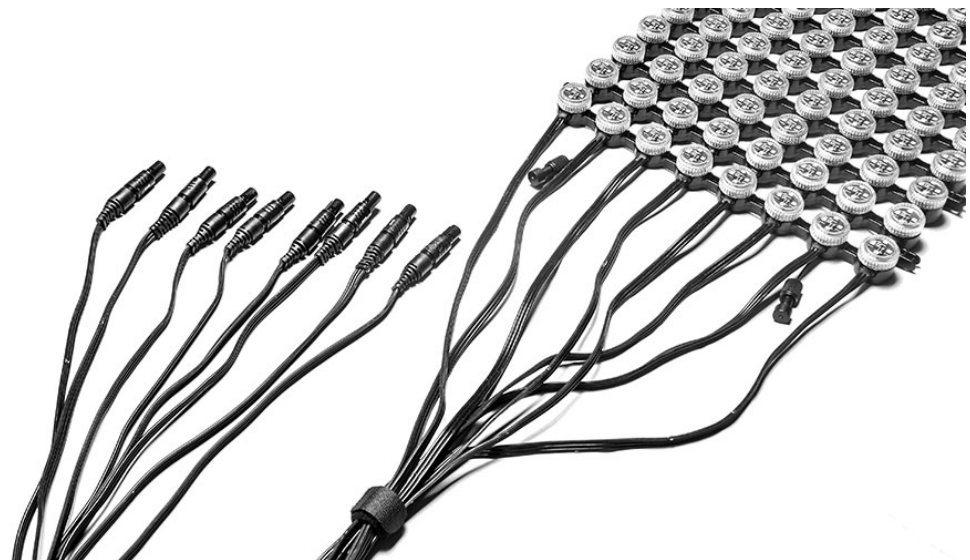

Each single LED strip and LED dot can be taken out for repair or replacement, which make service much more convenient. Also one pixel dead will not affect the other pixels working.

Each pixel can be cut to make special shapes or avoid the structures behind the glass such as fixing clips.

Head and tail each connection by waterproof connectors.

SPECIFICATIONS

Model	VFP-4-37, VFP-4-56, VFP-4-75	VFP-6-37, VFP-6-56, VFP-6-75	VFP-8-37, VFP-8-56, VFP-8-75
Pixel Pitch	37.5mm, 56.25mm, 75mm	37.5mm, 56.25mm, 75mm	37.5mm, 56.25mm, 75mm
Pixel Configuration	4pcs*SMD2727 LED lamp/pixel	6*SMD2727	8*SMD2727
Panel Size	380x4800mm,450x7200mm, 600x9600mm	380x4800mm, 450x7200mm, 600x9600mm	380x4800mm, 450x7200mm, 600x9600mm
Panel Resolution	8x128 pixels	8x128 pixels	8x128 pixels
Panel Weight	10.5kg/sqm, 5.5kg/sqm, 3.5kg/sqm	10.5kg/sqm, 5.5kg/sqm, 3.5kg/sqm	10.5kg/sqm, 5.5kg/sqm, 3.5kg/sqm
Brightness	6400 nits, 2800nits, 1600nits	9600 nits, 4300nits, 2400nits	10000 nits,5700nits,3200nits
IP Rating(Front/Rear)	IP67	IP67	IP67
Refresh Rate	1000 Hz-3000HZ	1000 Hz-3000HZ	1000 Hz-3000HZ
Transparency Rate	55%, 75%, 85%	55%, 75%, 85%	55%, 75%, 85%
Scan Mode	Static	Static	Static
Max Power consumption	500W/sqm, 300W/sqm, 150W/sqm	600W/sqm, 400W/sqm, 250W/sqm	800W/sqm, 500W/sqm, 350W/sqm
Color Processing	12 bit	12 bit	12 bit
Viewing Angle(H/V)	140°/110°	140°/110°	140°/110°
Operating Temperature	-20~40°C	-20~40°C	-20~40°C
Main Power Source	AC 100~240V;50/60Hz	AC 100~240V;50/60Hz	AC 100~240V;50/60Hz
Input Voltage	15V DC	24V DC	15V DC
Humidity	10~90%RH	10~90%RH	10~90%RH
Life Time	>50,000 Hours	>50,000 Hours	>50,000 Hours
Certification	CE,RoHS	CE,RoHS	CE,RoHS

Remarks: VFP-X   X means the number of LED lamp for each pixel.

All the pixels are same dimension. The more led lamp for each pixel, the higher brightness. Depending on the project requirement, can choose the right model.

Different Qty of led lamp/pixel reference photos
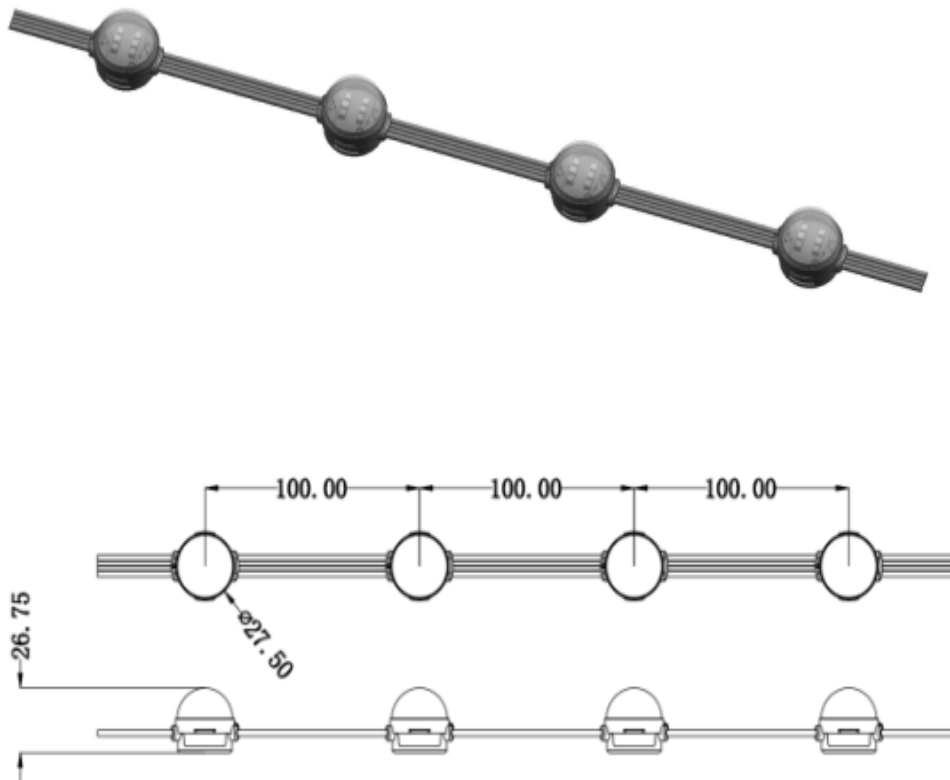
VFP-4: 4pcs LED lamp/pixel

VFP-6: 6pcs LED lamp/pixel

VFP-8: 8pcs LED lamp/pixel

All the pixels diameter are same 27.5mm for all the series design

ACCESSORIES

Video master controller C3.0

Pixel control capability: 1900 x 1200 pixels

Slave controller

2 kinds of slave controller available for VFP series, INTEGRATED power supply and receiving card in box or INDEPENDENT power supply box and receiving card for data convert. Integrated solution is cost-effective and convenient installation especially for engineering projects while independent solution is quick and portable for rental projects. Both include hanging beam and hooks, photos show as following.

INTEGRATED SLAVE CONTROLLER, MODEL PDB-128-8, RECOMMENDED

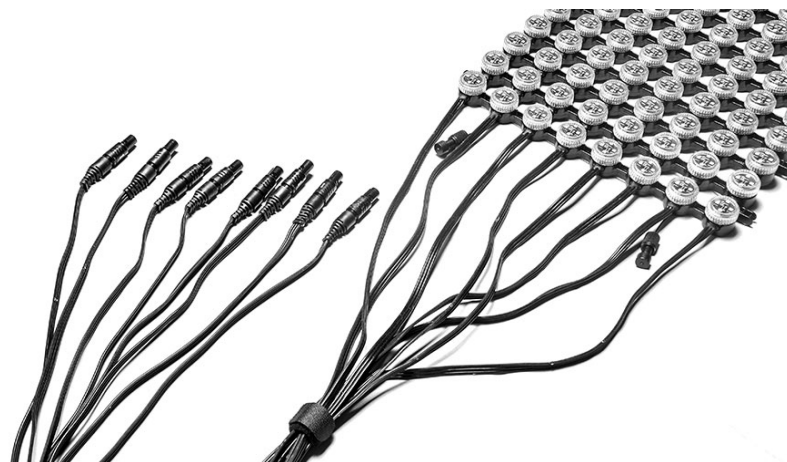8 outputs for data convert

16 outputs for data convert

Independent power supply

INDEPENDENT SLAVE CONTROLLER FOR POWER SUPPLY AND DATA CONVERT. 8 OUTPUTS (MODEL DB128-8) OR 16 OUTPUTS (MODEL DB128-16) AVAILABLE.

Power and data cables, included.

Power and data cables are integrated on panel, 3 pins, 8 connectors.

Fixing fixtures, included.

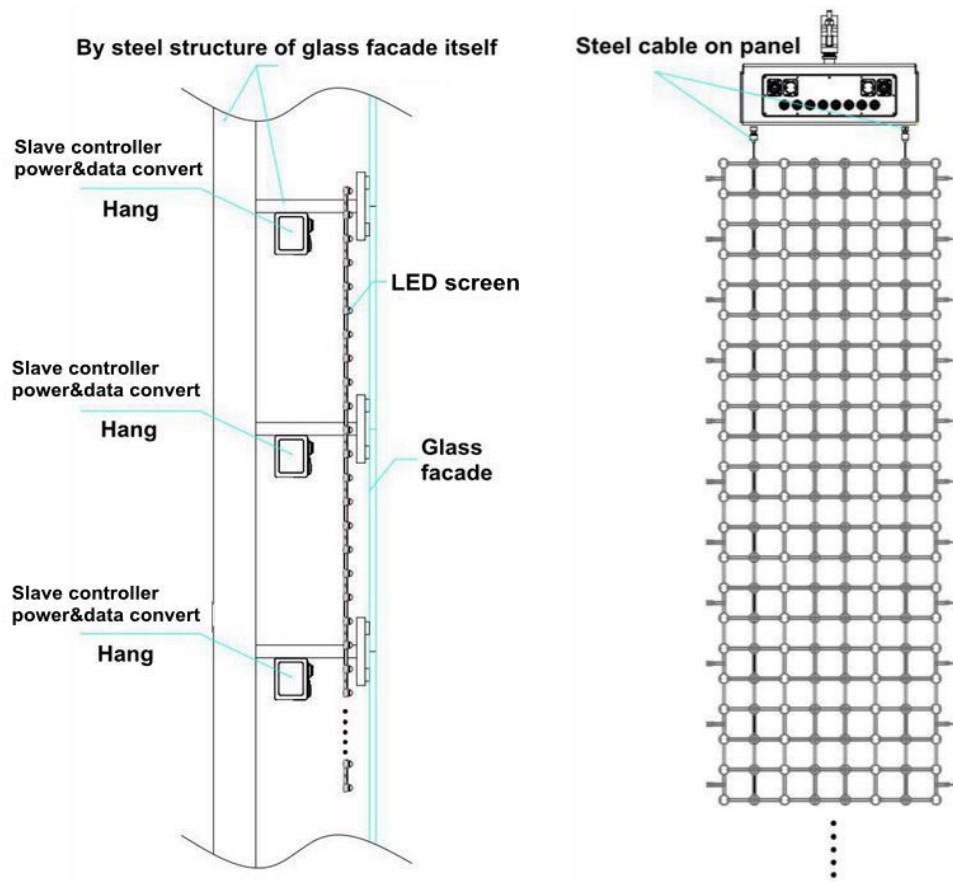Plastic bracket and high-strength steel cable are integrated on panel.

Flight case

Each flight case loads 8 panels.
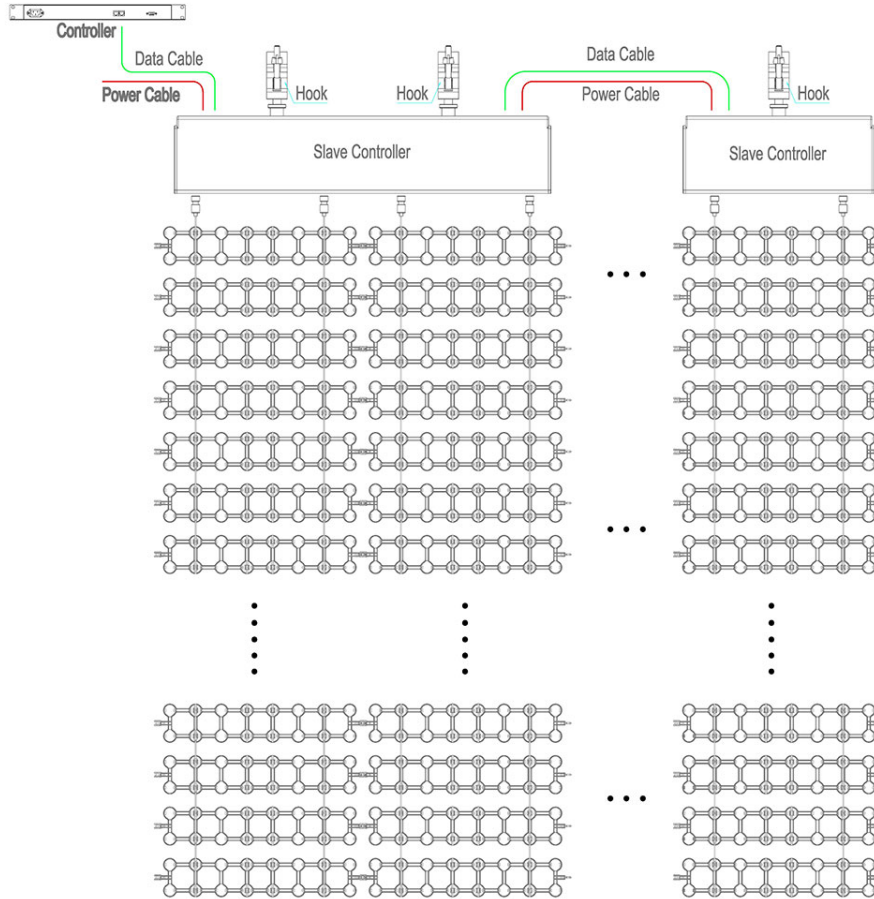
Customed package volume or polywood case available.
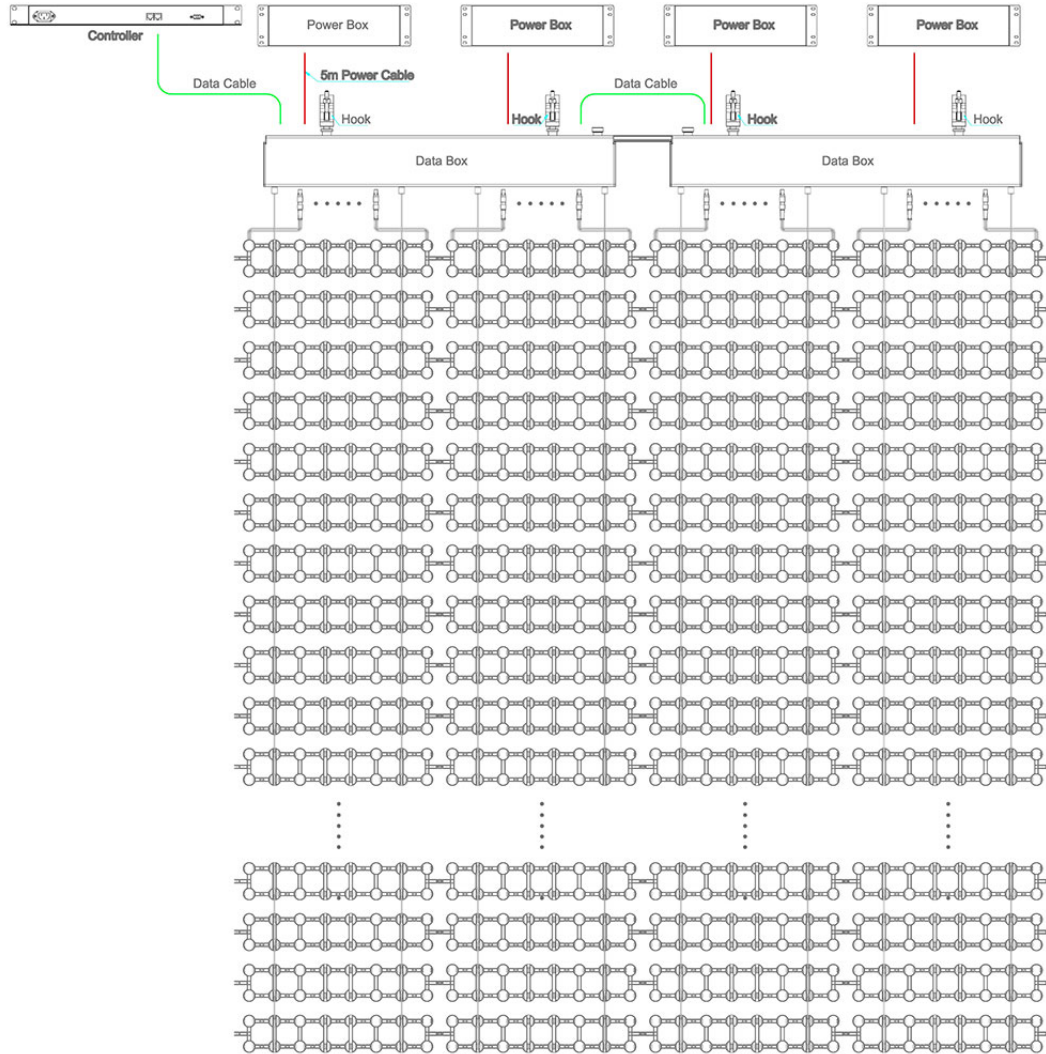
INSTALLATION INSTRUCTION

By steel structure of glass facade itself

Slave controller
power&data convert

Hang

LED screen

Slave controller
power&data convert

Hang

Glass
facade

Slave controller
power&data convert

Hang

Steel cable on panel

INSTALLATION INSTRUCTION FOR GLASS FACADE

WIRING DIAGRAM 1 (WITH INTEGRATED SLAVE CONTROLLER)

WIRING DIAGRAM 2 (WITH INDEPENDENT SLAVE CONTROLLER)

CASE