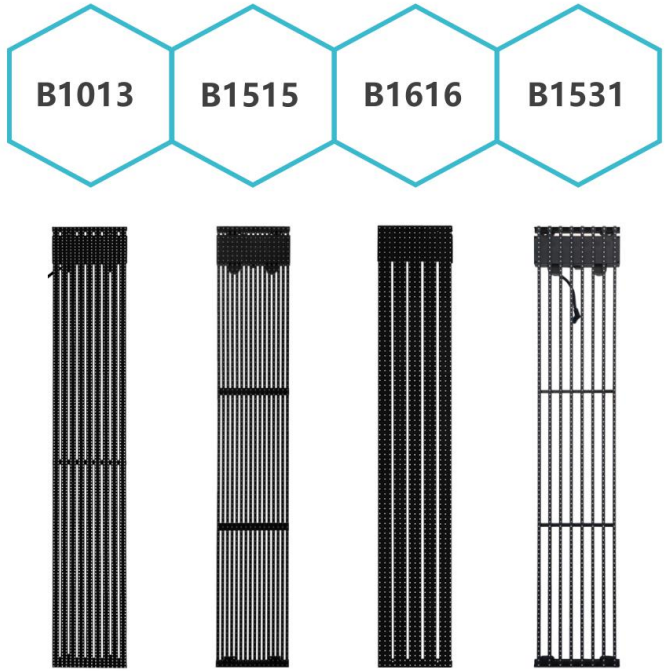
ENBON OPTOELECTRONICS LIMITED

Outdoor Transparent Glass Wall Building Led Screen

Standard Cabinet 1500 MM x 250 MM



01 P1013

02 P1515

03 P1616

04 P1531

PS : Cabinet size canbe customized



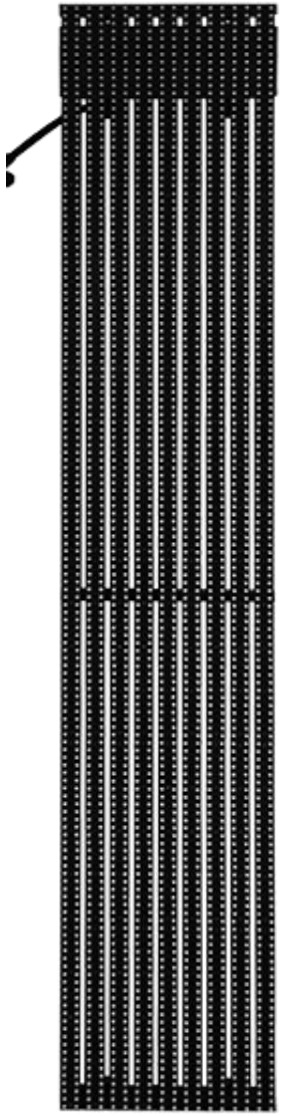
4 Pixel Pitches for Choice

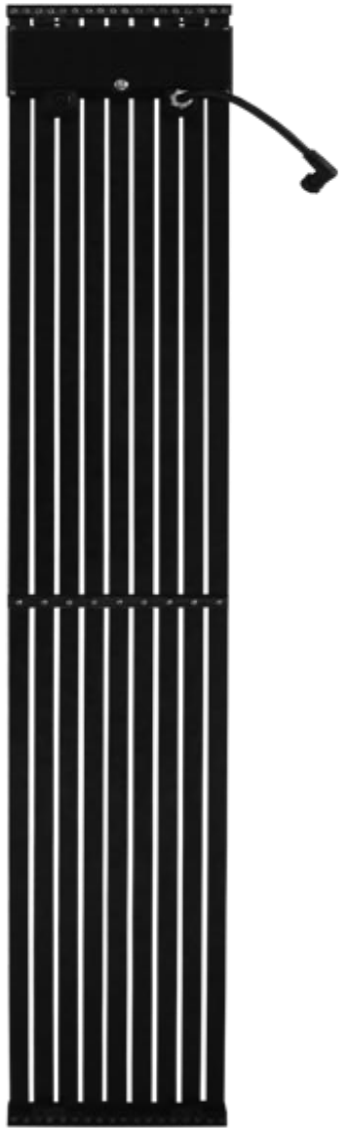
1. **P1013** (Highest Resolution & Most Cost Effective)
2. **P1515** (Good Transparency & Good Resolution, Best Sale)
3. **P1616** (High Transparency & High Brightness)
4. **P1531** (Most Transparent & Super Light Weight)

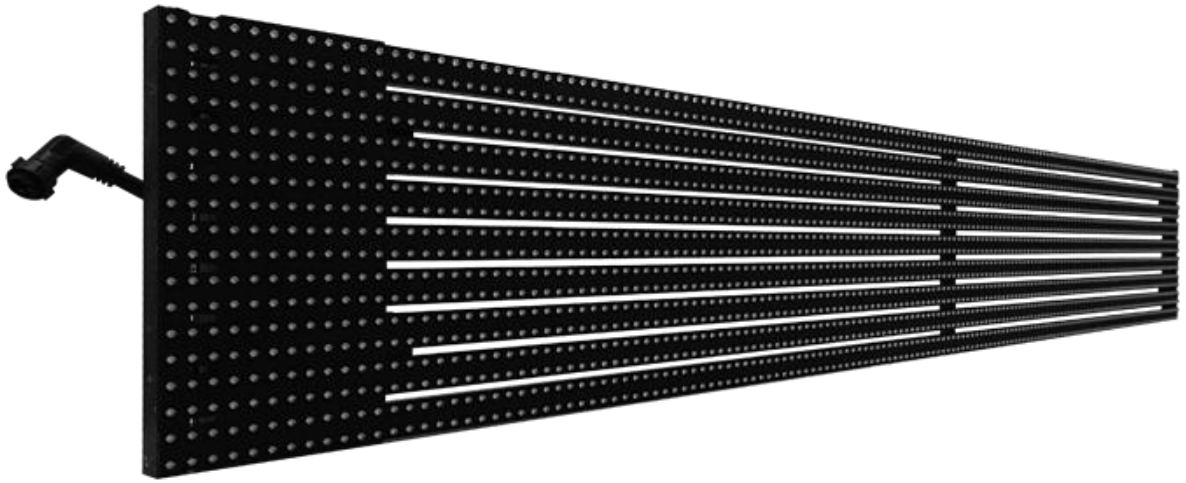
P1013

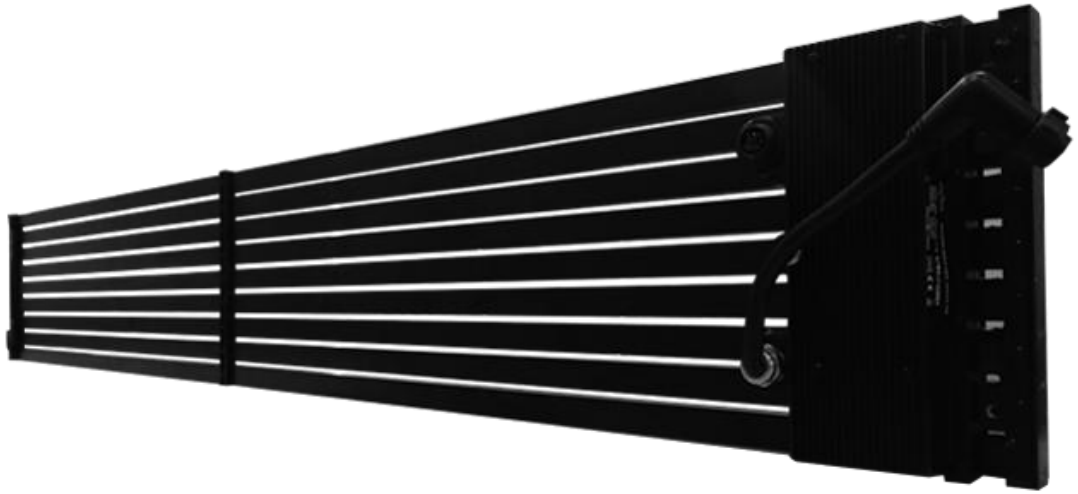
Pixel Pitch : 10.4mm * 13.8mm

Highest Resolution & Most Cost Effective , Transparency 17%





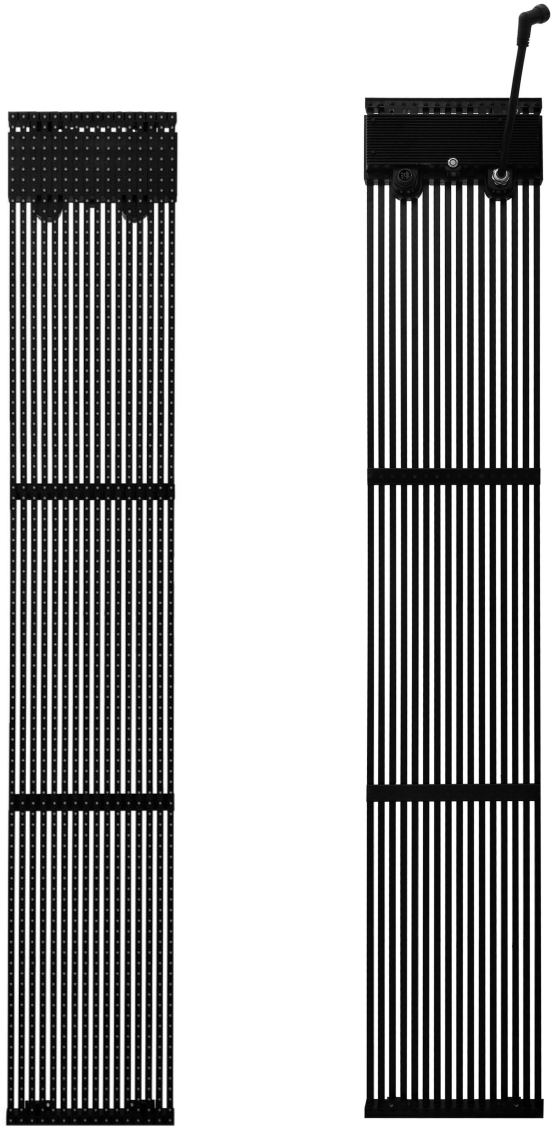


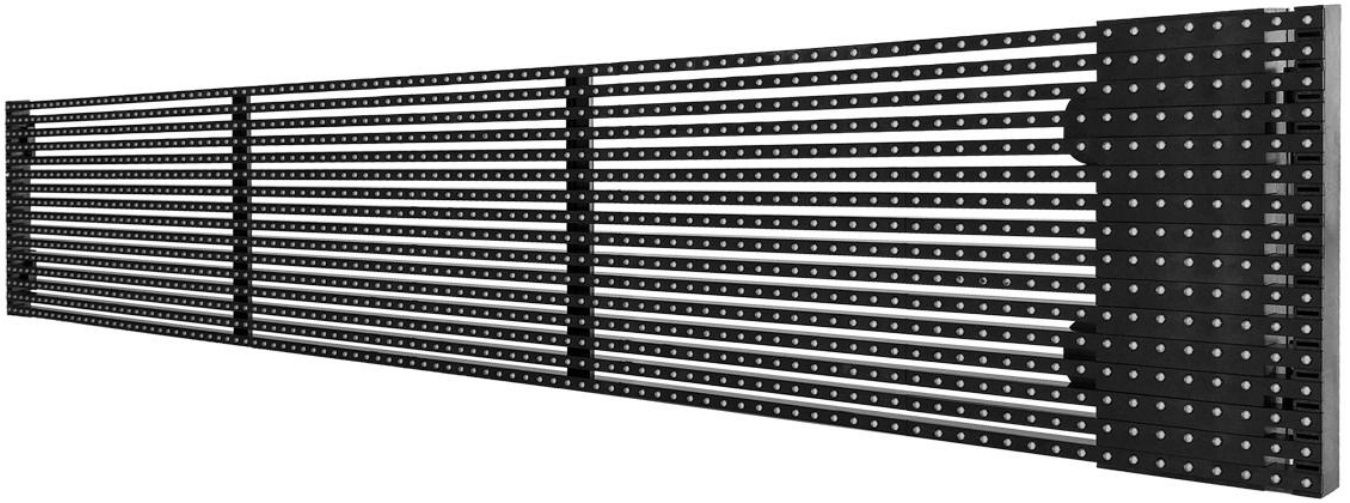


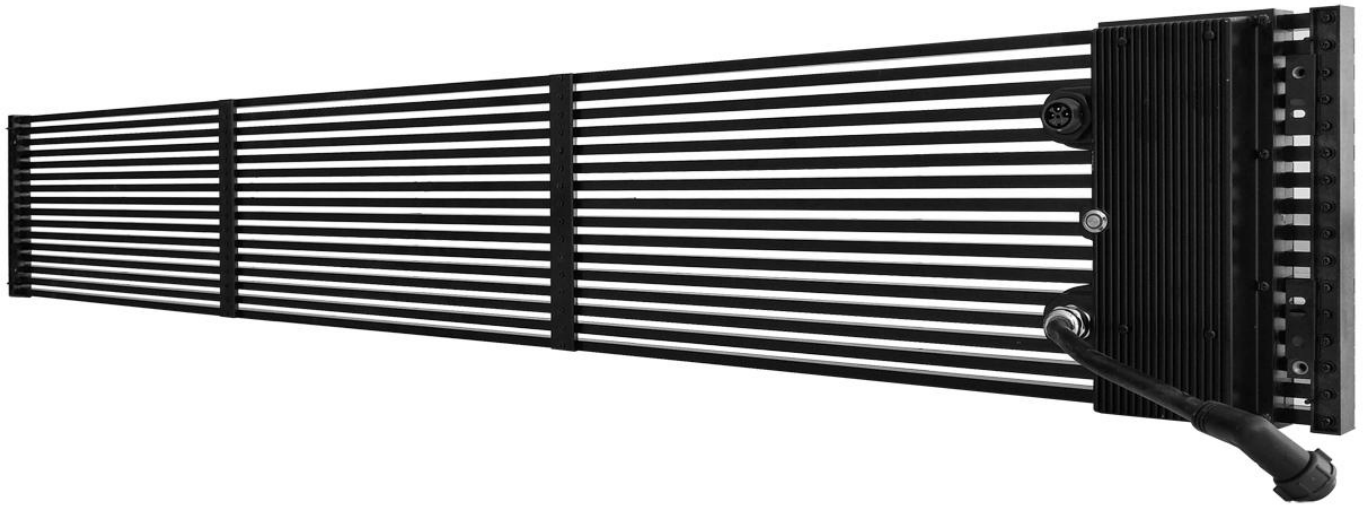
P1515

Pixel Pitch : 15.6mm * 15.6mm

Good Transparency & Good Resolution, Best Sale , Transparency 45%



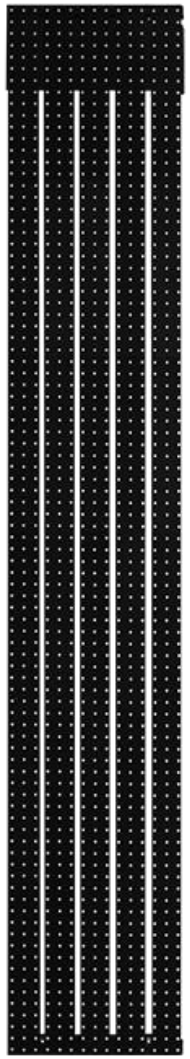


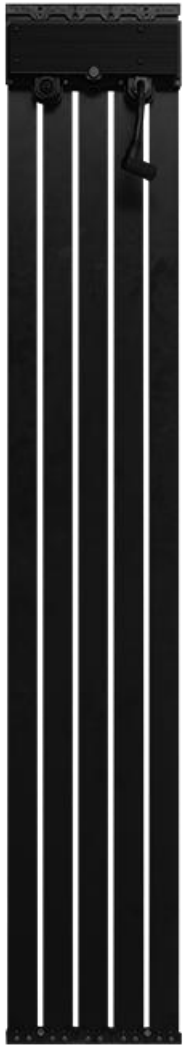


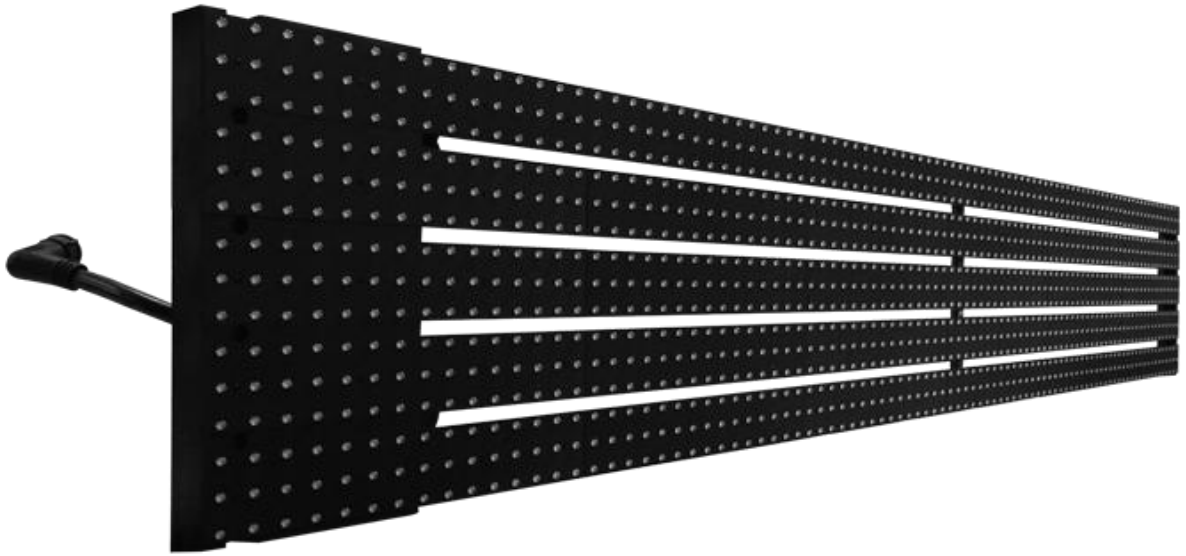
P1616

Pixel Pitch : 16.6mm * 16.6mm

High Transparency & High Brightness , Transparency 60%







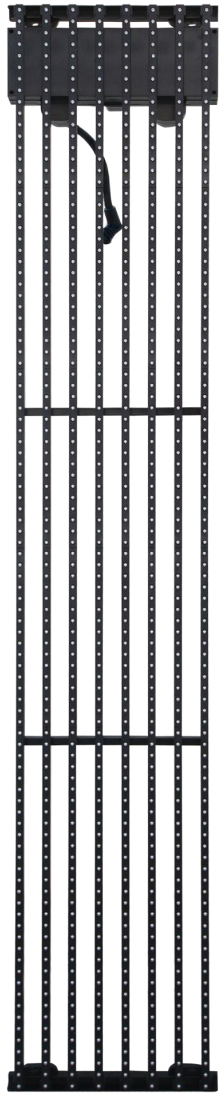


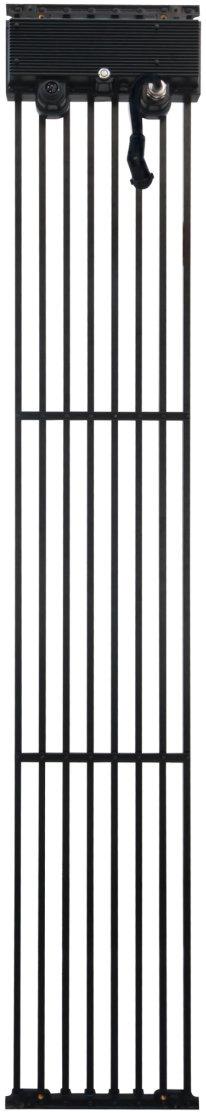
P1531

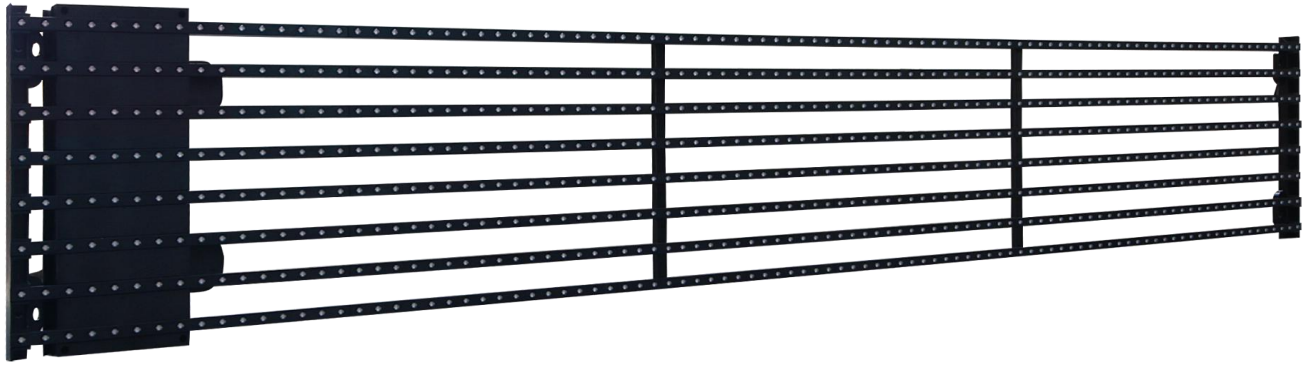
Pixel Pitch : 15.6mm * 31.25mm

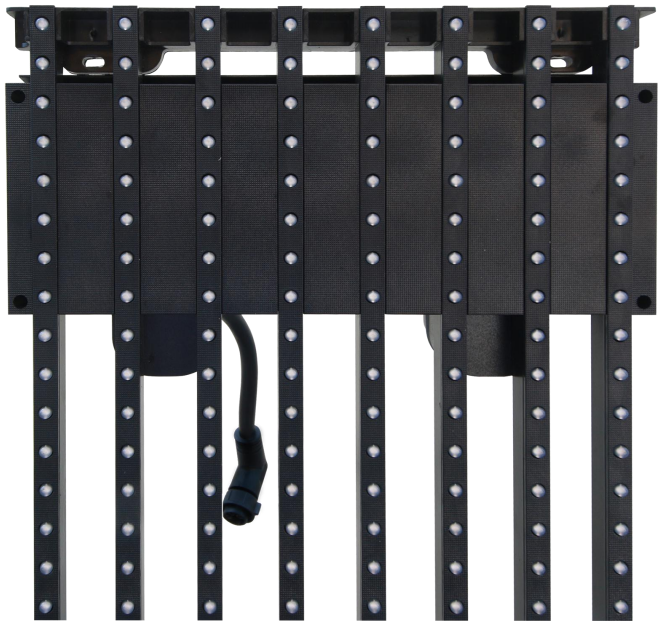
Most Transparent & Super Light Weight , Transparency 70%

only 4.1KG /pc









Product Advantages

01/ Better display effect than Regular heavy weight cabinet

Individual receiving card for each module , refresh rate >1920Hz, >14bit，brightness >6500nits。

02/ Front Service Available，Thin Screen Design

Modular design，Front / Rear Service option，with special “工” shape structure （80mm），Screen Thickness <200mm

03/ Light weight , Easy Installation and maintenance.

Per square meter <22Kg，Each Panel standard size : 1500*250mm，it can be customized bigger or smaller of unit module length 250mm（such as 1250*250mm，1000*250mm etc）

04/ Energy saving , more cost effective

Max Power <600W / SQ.M，one-piece design die-casting aluminum power box for better heat dissipation, no need extra cost for air conditioner, save much installation cost

Parameters

Model	P1013	P1515	P1616	P1531
LED configuration	DIP570	DIP570	DIP570	DIP570
Pixel Pitch(mm)	10.4*13.8	15.6*15.6	16.6*16.6	15.6*31.25
Cabinet Resolution (dots)	144*18	96*16	90*15	96*8
Pixel Density (dots)	6912	4096	3600	2048
Cabinet Size	1500*250	1500*250	1500*250	1500*250
Transparency	17%	45%	16%	70%
Cabinet Material	Aluminum Profile			
Cabinet Weight	9.2Kg	6.9Kg	7.8Kg	4.1Kg

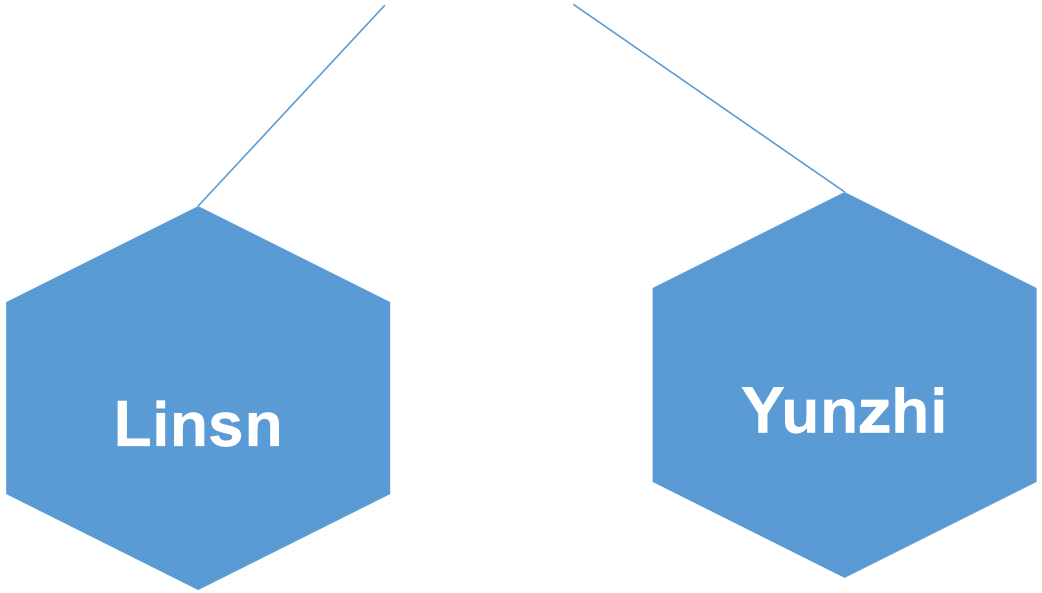
Parameters

Model	P1013	P1515	P1616	P1531
Gray Scale	16bit	16bit	16bit	16bit
Refresh	≧1920Hz	≧1920Hz	≧1920Hz	≧1920Hz
Driving mode	1/2scan	static	static	static
Control distance	≦100m	≦100m	≦100m	≦100m
Brightness	≧6500nits	≧7000nits	≧7000nits	≧6000nits
Viewing angle (horz.)	100°	100°	100°	100°
Viewing angle (vert.)	100°	100°	100°	100°
Work Voltage	AC100-240V	AC100-240V	AC100-240V	AC100-240V
Frame Frequency	50-60Hz	50-60Hz	50-60Hz	50-60Hz

Parameters

Model	P1013	P1515	P1616	P1531
Max Power Consumption	544W/㎡	506W/㎡	557W/㎡	426W/㎡
Avg Power Consumption	181W/㎡	168W/㎡	185W/㎡	142W/㎡
Storage temperature	-40—70℃	-40—70℃	-40—70℃	-40—70℃
Operating Temperature	0—45℃	0—45℃	0—45℃	0—45℃
Protection Grade	IP65/IP65	IP65/IP65	IP65/IP65	IP65/IP65
Storage Humidity	10%~90%	10%~90%	10%~90%	10%~90%
Operating humidity	10%~60%	10%~60%	10%~60%	10%~60%
Life Span	100000h	100000h	100000h	100000h
Installation type	fixed	fixed	fixed	fixed

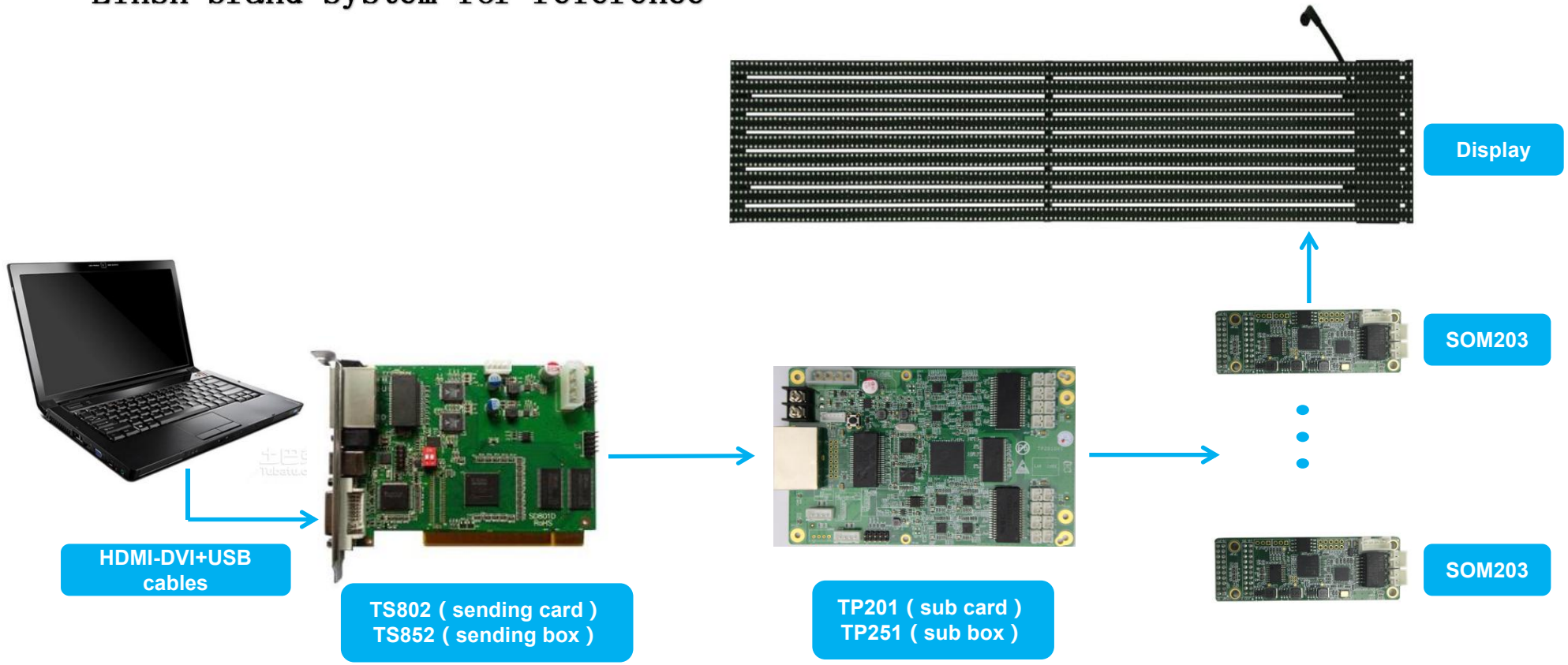
Control System



Control System - Linsn

only fit for small display, resolution less than 1,300,000 pixels

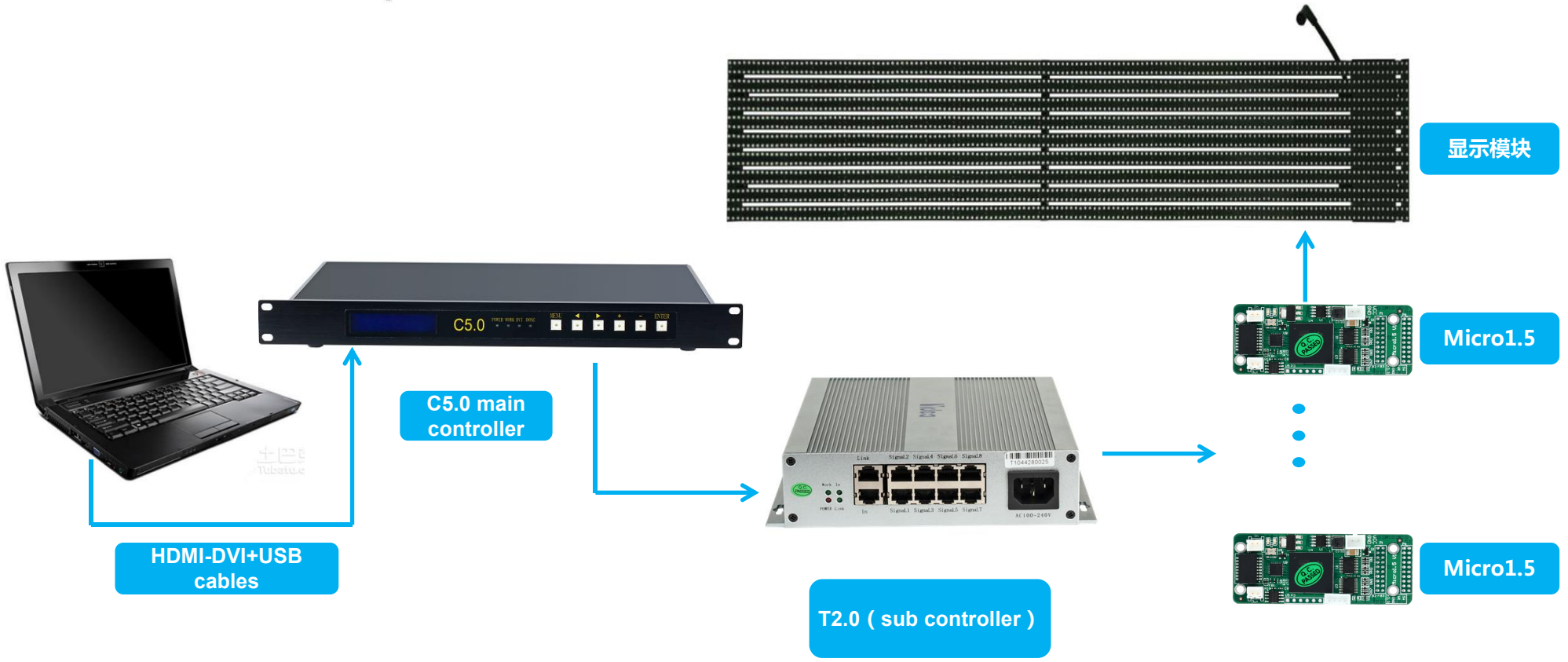
Linsn brand system for reference



Control System - Yunzhi

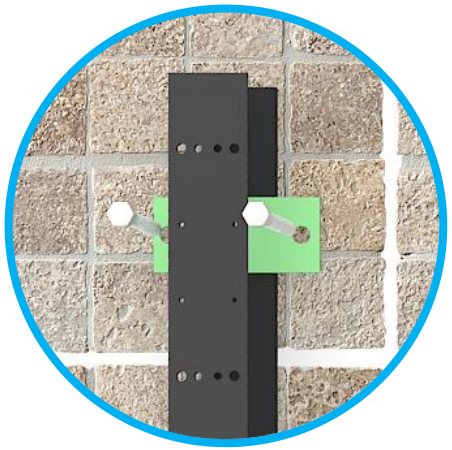
used for Large Resolution Led Display Project

Yunzhi brand system for reference

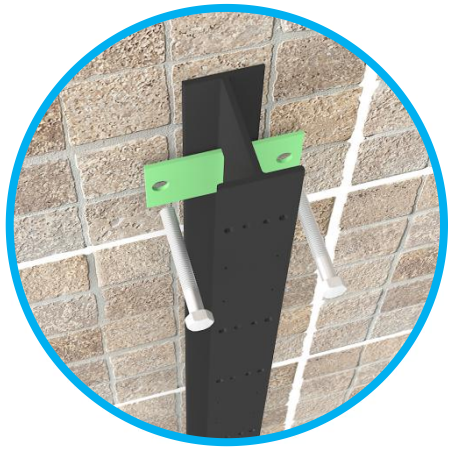


About Installation

Accessories



“工”shape aluminum profile



connectors

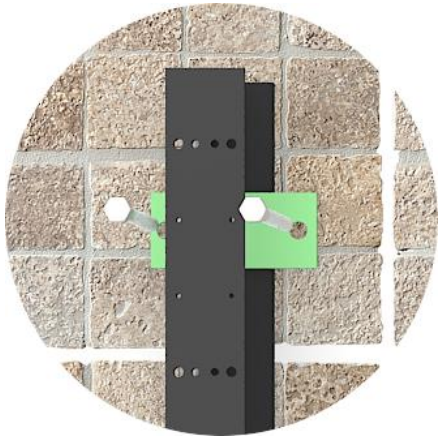


screws

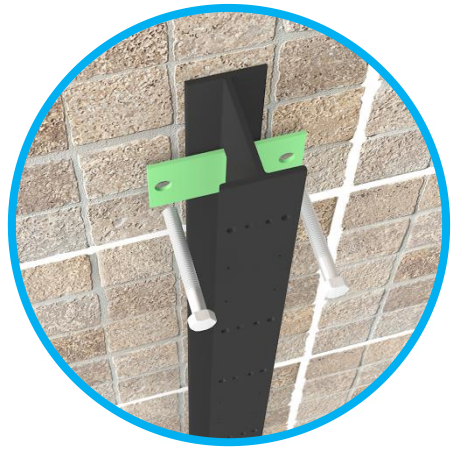


special power cables

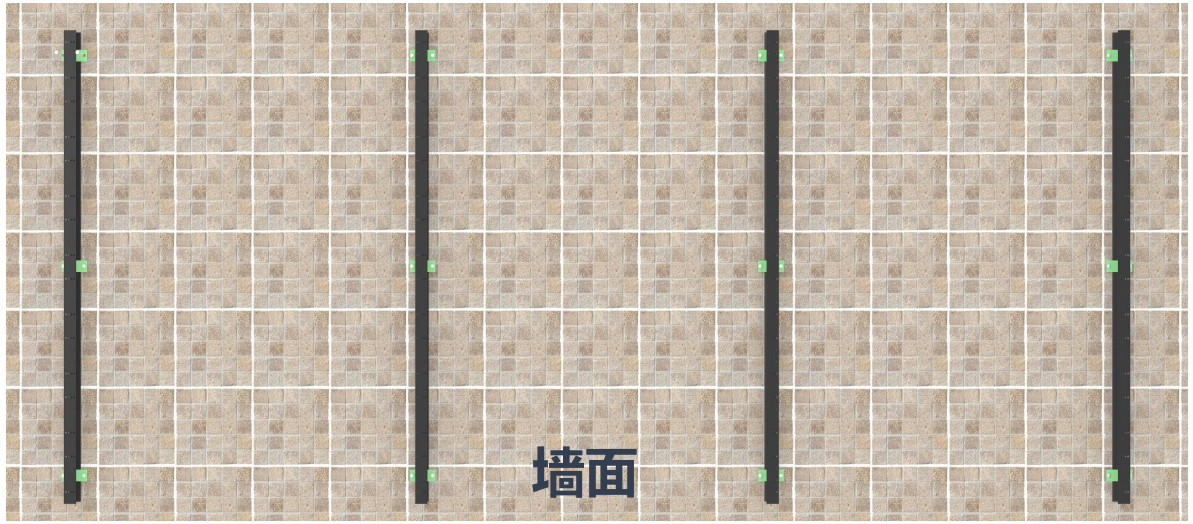
Installation step



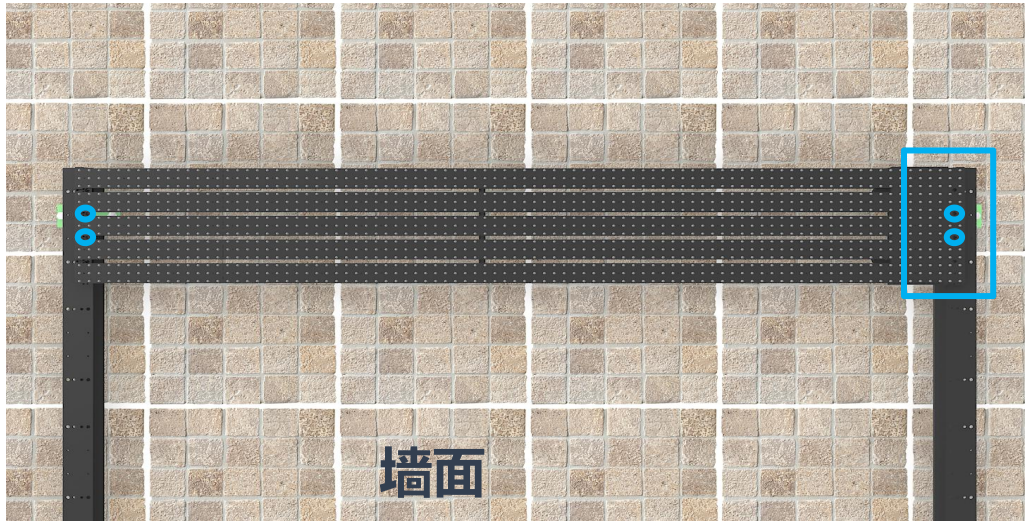
Step 1: Measurement and drilling



Step 2 : fixed “工” shape cube



Step 3: adjust “工” shape cube vertically



Step 4 : fixed Led Panel

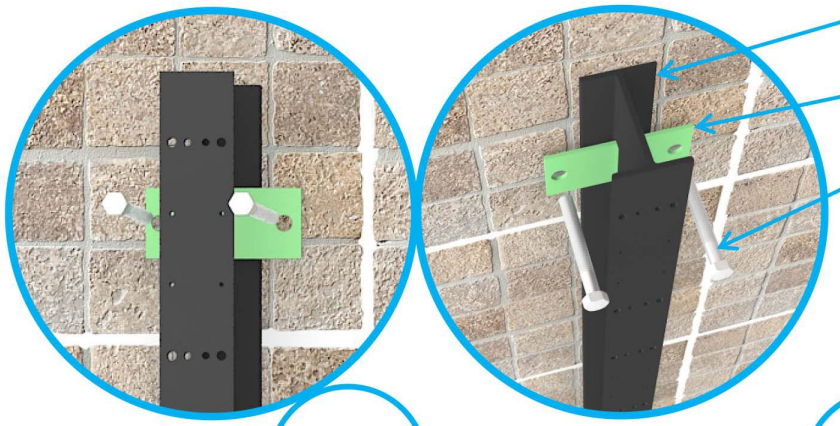
Installation-part1 install on wall







Installation-part1 install on wall

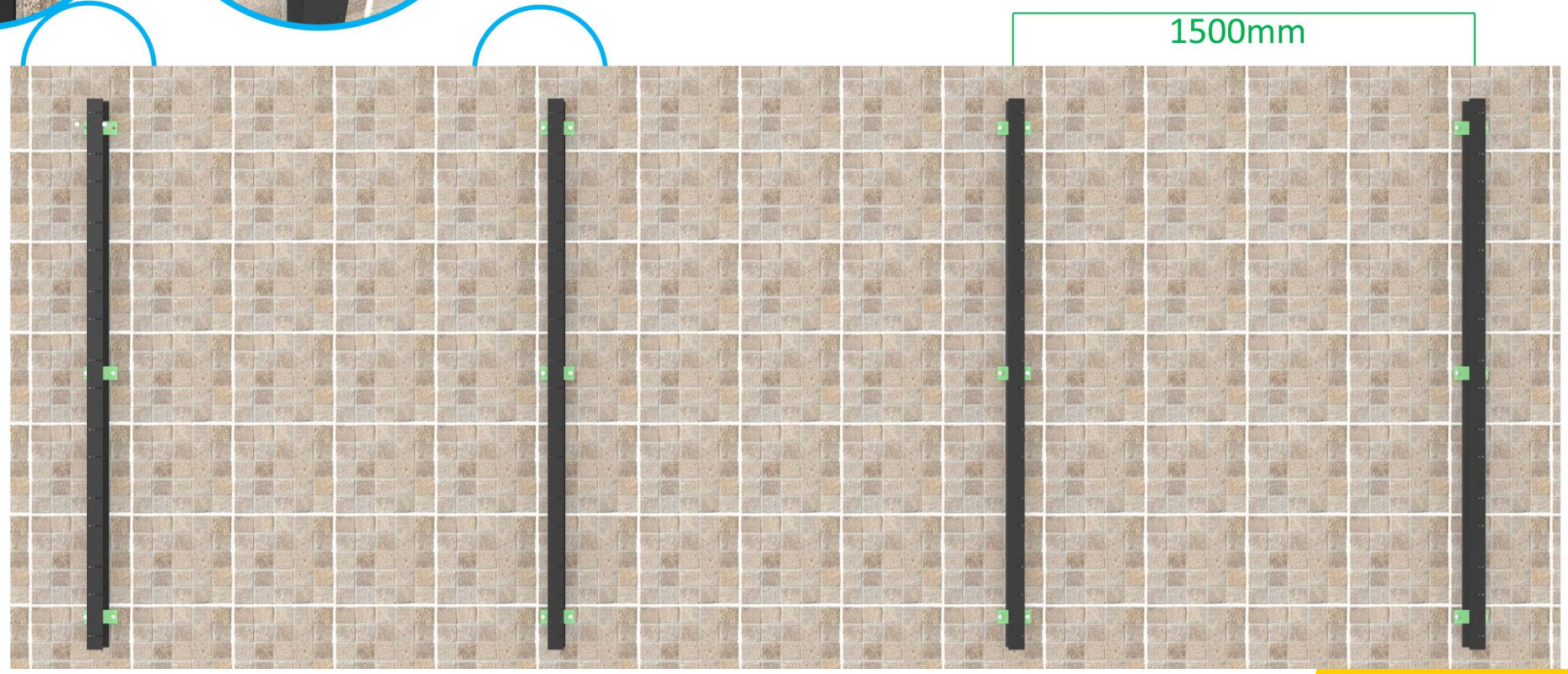


① H aluminum(width2000mm , thickness 4mm)

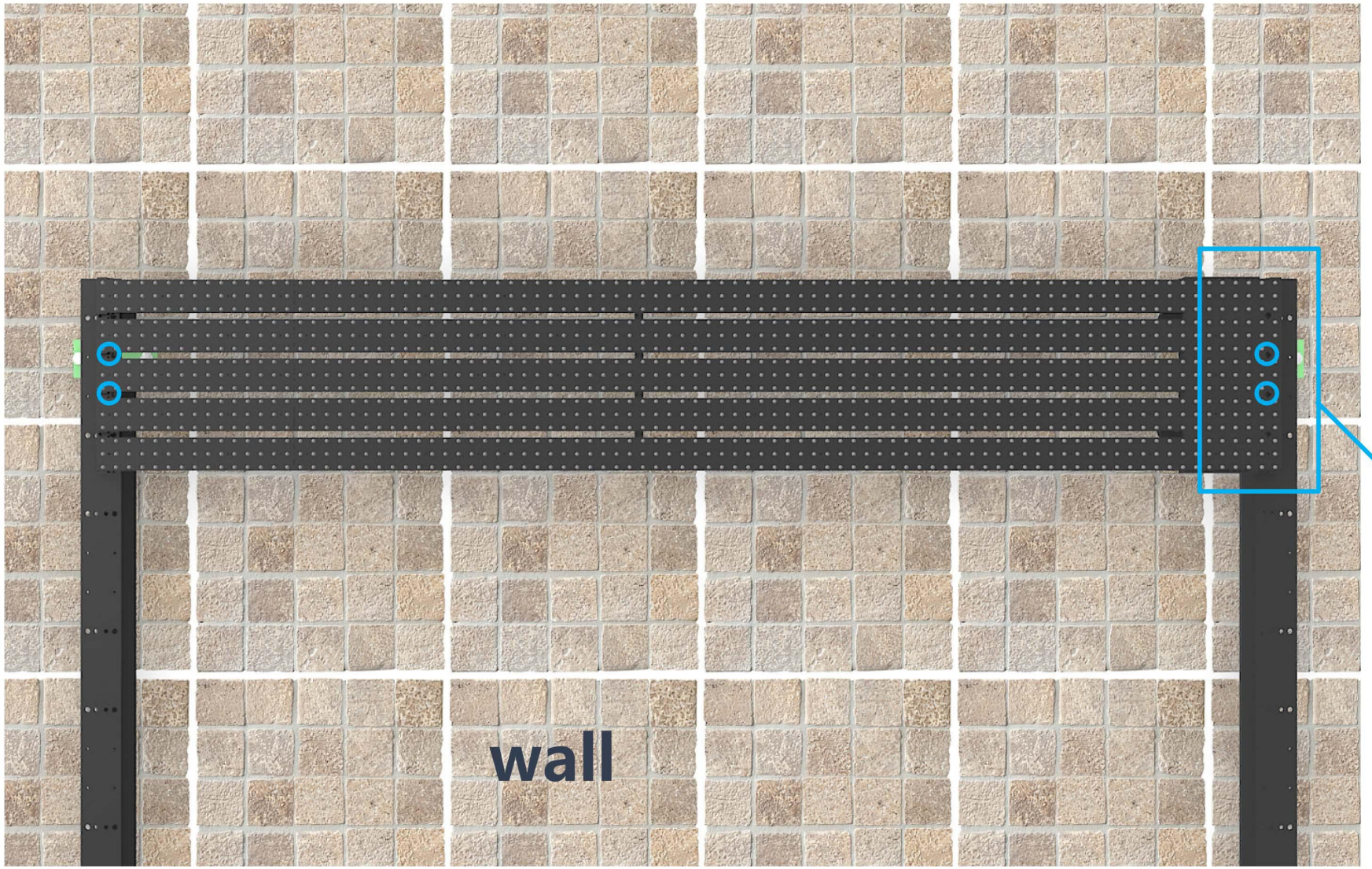
②connector (110X50X3mm)

③M10 expansion bolt

Step1 :
Firstly connector will get through side of H aluminum then the bolts will get through the connector and fix H aluminum on the wall. The gap between H aluminum will be 1500mm



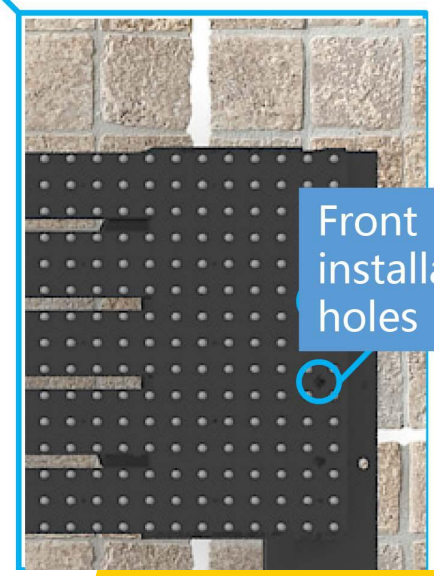
Installation-part1 install on wall



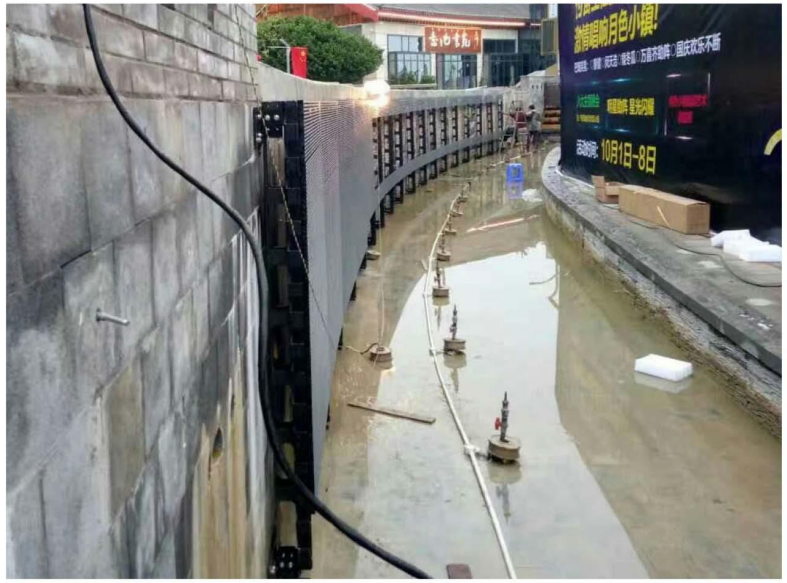
Step2 :
Fix panel on the H aluminum by using M4 bolt

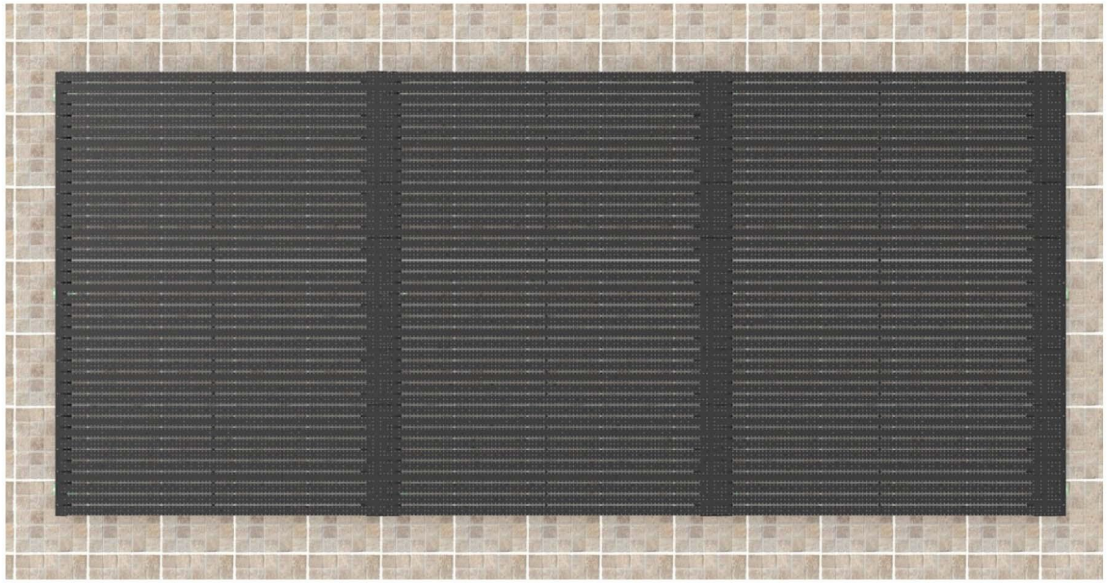


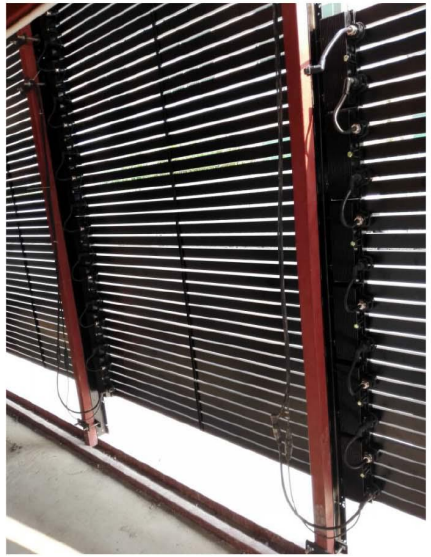
④Front maintenance Bolt M4X12mm



Installation-part1 install on wall









Power and signal cable

Power and signal in

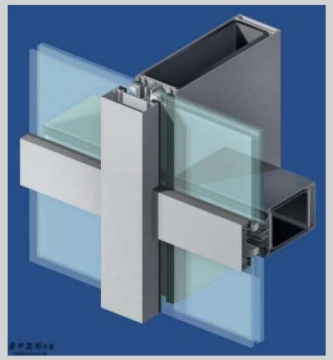
Power and signal out

Step3 :
Cables are connected from bottom to top

Installation-part2 Install on glass wall

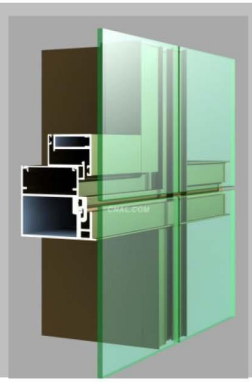
Category of glass wall

- **Frame support glass wall**
  - glass supported by surrounding mental frame
  - Regular Frame
  - Hidden Frame
  - Half hidden frame
- **Full glass wall**
  - Be formed by glass rib and glass board
- **Spot support glass wall**
  - support by glass board and supporting point

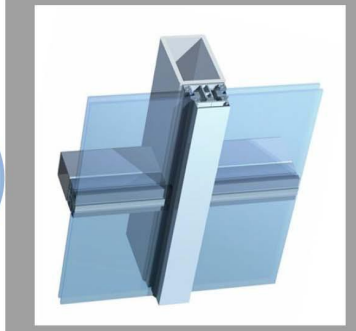
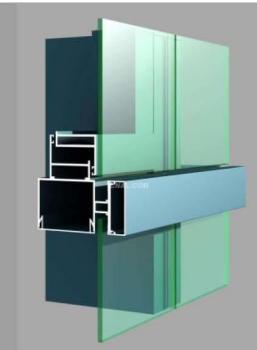




Mental frame shows on the outside surface


Mental frame hidden from outside surface


either Row or column of mental frame shows on outside surface

Installation-part2 Install on glass wall

Category of glass wall

Frame support glass wall

glass supported by surrounding mental frame







Full glass wall

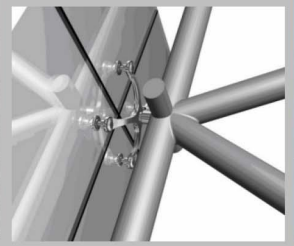
Be formed by glass rib and glass board



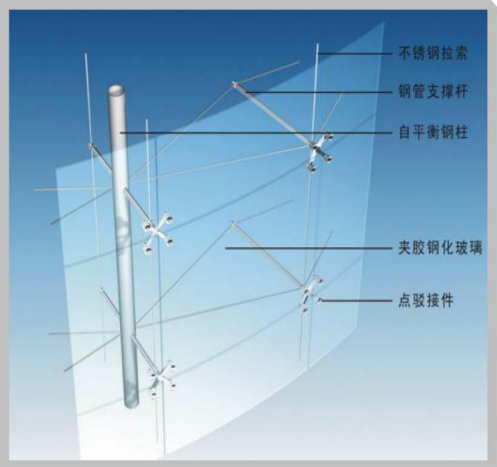
Spot support glass wall

support by glass board and supporting point





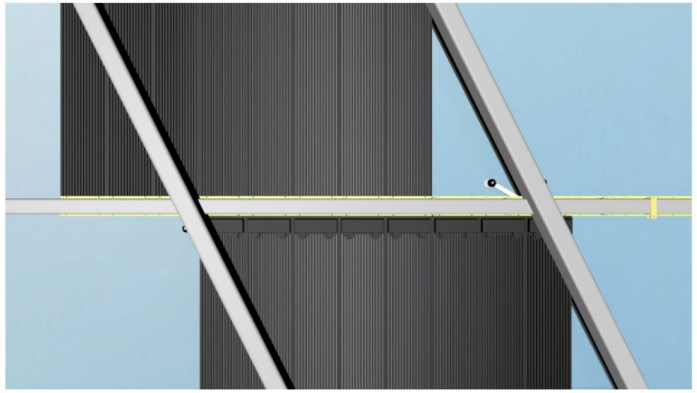
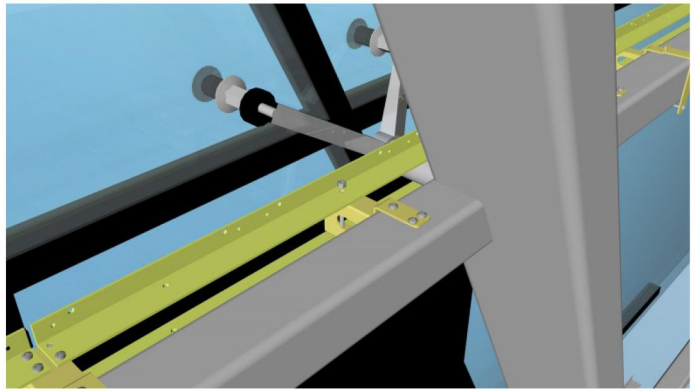
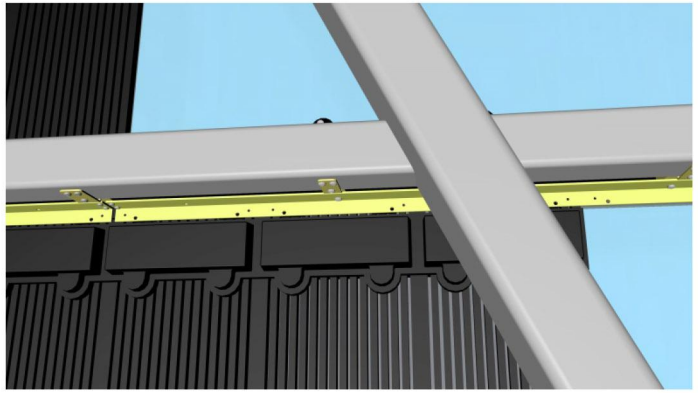
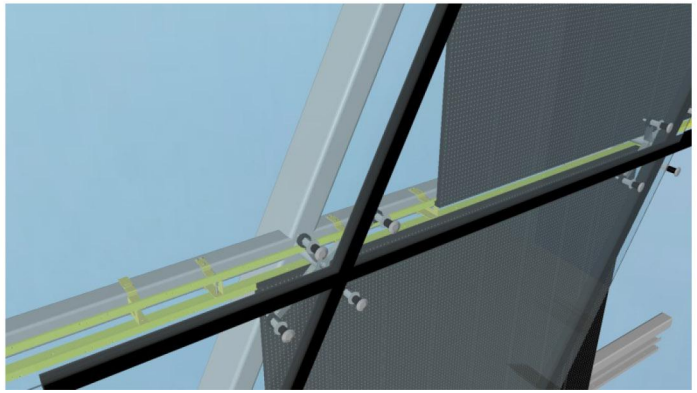
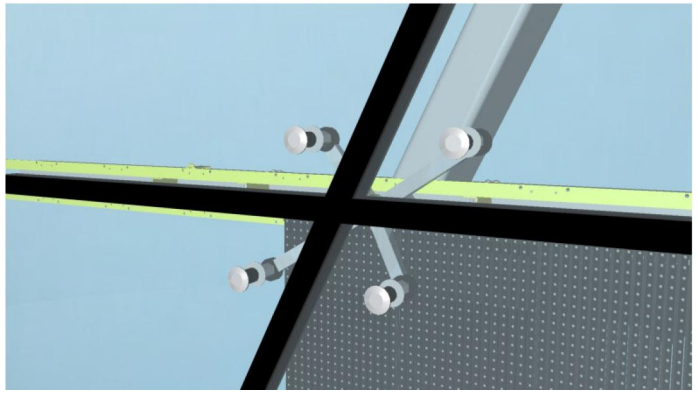
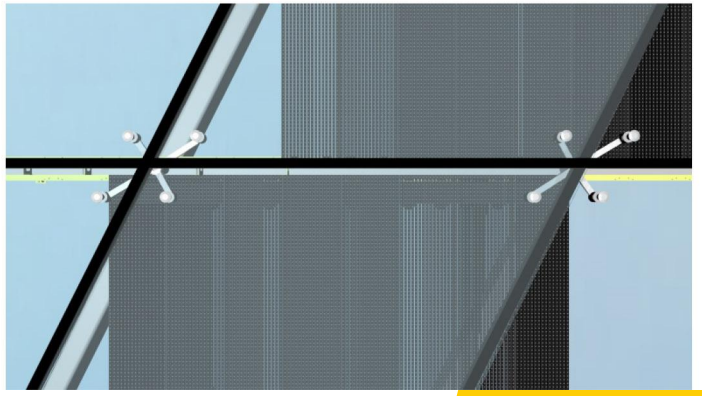




Installation-part2 Install on glass wall

install behind glass wall

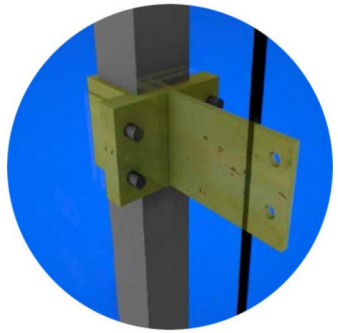
Take advantage of support from glass wall and install accessory to enhance the support

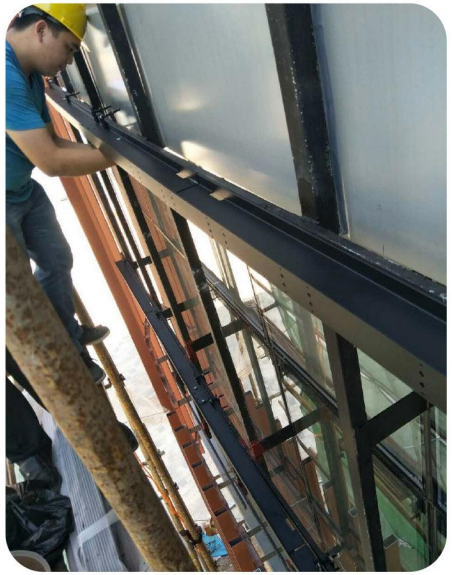
Installation-part2 Install on glass wall

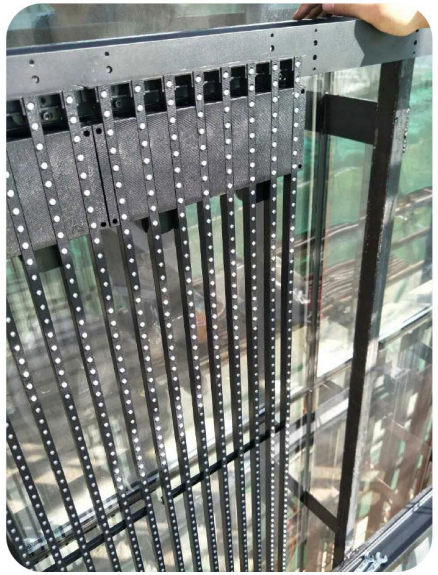
install before glass wall

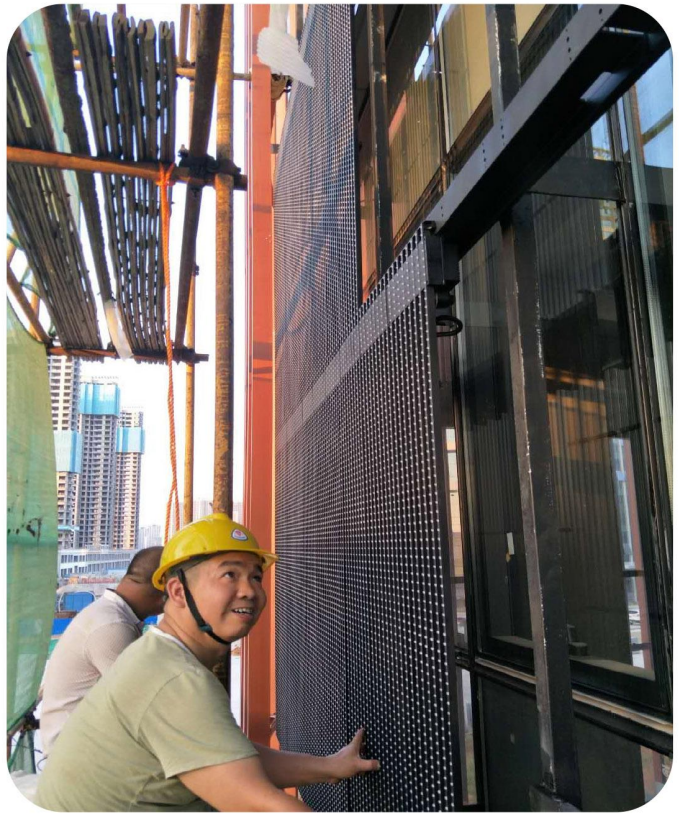
Take advantage of support from glass wall and extend support points outside of glass wall to support the screen

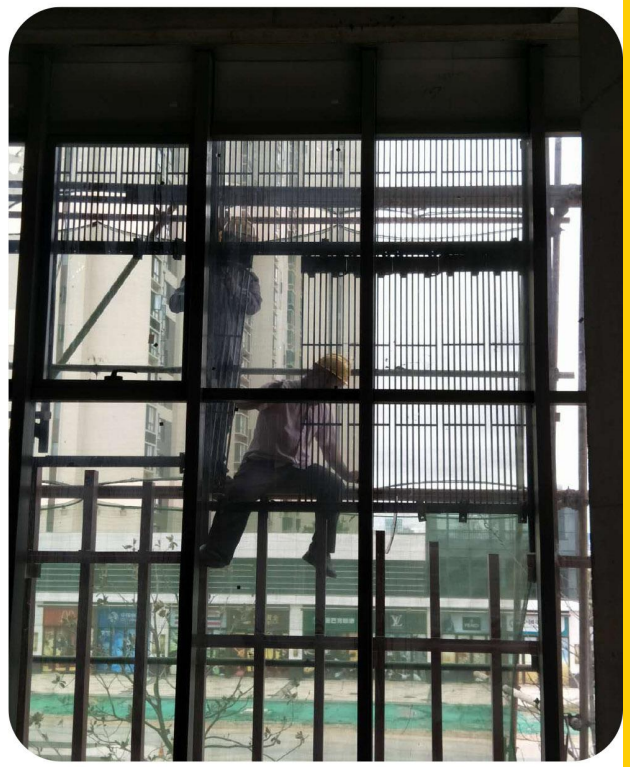




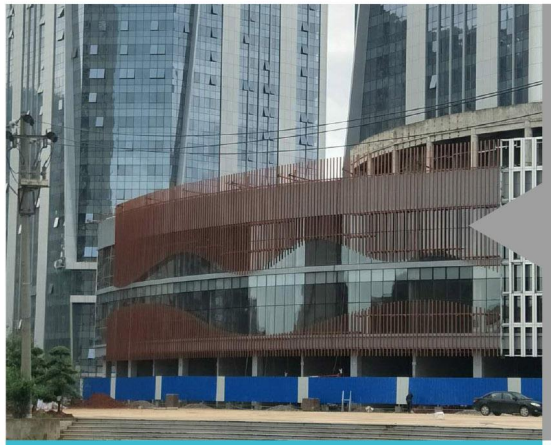








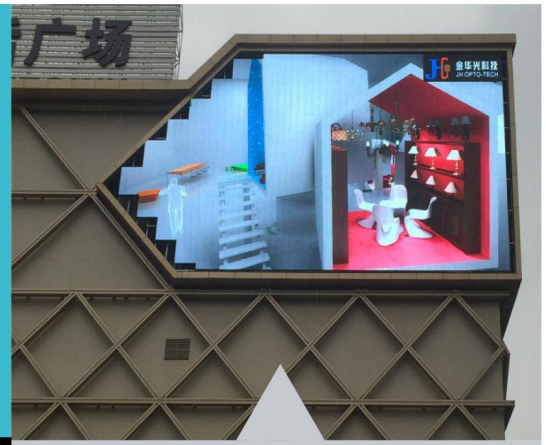
successful case



type： frame support glass wall
Installation type： outside surface of glass wall
product： B1531
area： 430㎡
location： Jiangxi

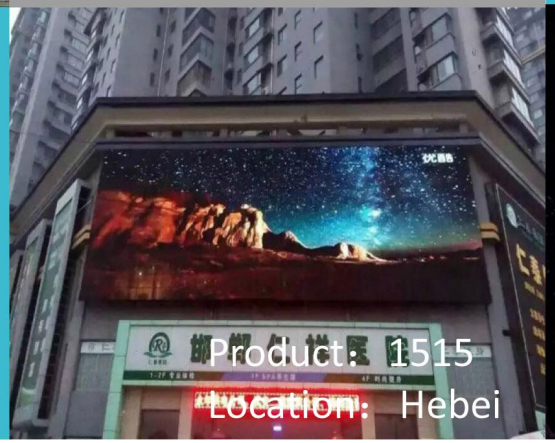
Win-win

Share opportunity and high return



Cooperation

Protecting information and price for projects
Offer exclusive authority



Product： 1515
Location： Hebei



Product： 1515
Location： Xichang

type： outside wall for plaza
Installation type： outside surface of wall
product： B1013
area： 165㎡
location： Guangdong



Project Case



Thank you !