

# INSTALLATION MANUAL

TRANSPARENT LED DISPLAY

FRONT LIGHTING -- STORES SERIES



# SAFETY INSTRUCTION



## WARNING!

Read the following security precautions before installing, running, or maintaining:



### IMPORTANT REMINDER

Pls install the products by a professional or under the guidance of a professional.

Warning of injury and death caused by improper use of this products; burns, electric shock.

Before installing, running, or maintaining this products, pls read this manual carefully and strictly follow the safety precautions and warnings mentioned below.



### SAFETY INSTRUCTION

Do not allow non-professional maintenance personnel to open the box and uninstall the accessories inside.

If you have any questions about safe operation, pls consult the products supplier.

When connecting to the AC main wire, pls make sure to the voltage of the AC main wire is 90-264V and the frequency is 50 or 60HZ.



### SAFETY INSTRUCTION

Make sure the prodcuts is grounded.

Before installing this products, it is necessary to check that the power distribution equipment and cables are intact and equipped according to the requirements of the current connecting equipment.

Do not use this products if any power cord or plug is damaged, defective or overheating.

Do not attempt to open any protective cover.



### FIREROOF

Do not cover the products with leaks, masks or other substances.

Do not alter the products without reference of this manual.

Replacement parts not mentioned in this manual shall not be installed and used on the interior or surface of the products.

This products is suitable for indoor installation near the window. It is not recommended to use it outdoors or in high temperature. ( Special products excepted)

Due to the product's high height, large package size and heavy weight, please ensure adequate safety measures during handling.



PREVENTION OF INJURY

Pls ensure that the products is secured when installed, the led module of this products is pre-maintenance mode.

The products need to be moved backward for maintenance.

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CRITICAL ALERT

Max and Min ambient temperatures:Max: 40                      Min: -20

Electric leakage:

In order to prevent the risk of electric shock caused by leakage, please ensure that the product is installed with a grounded wire.Please ensure that the power cord and connector are in good condition before use.

Waterproof: This product is not waterproof,it is strictly prohibited to use in the place with water spray.

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POWER SYSTEM

Power system

Main line: The power cord cannot be repaired. If there is any damage, please replace it with a new one.

Signal line:

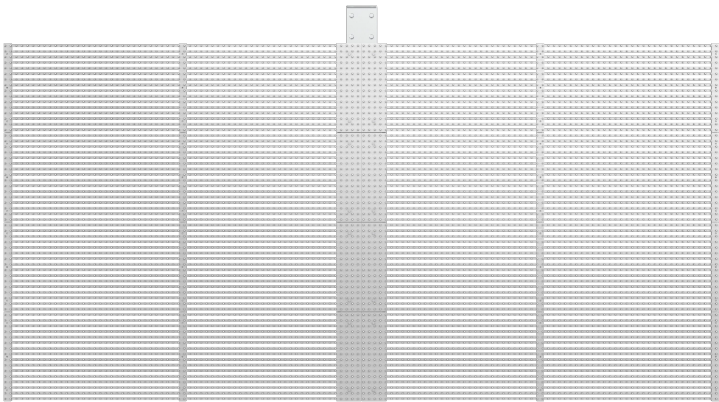
The system signal line has special safety properties.This products pls use CAT 6e.

Signal line cannot be repaired. If it is damaged, pls replace it with a new one. It is forbidden to try to repair.

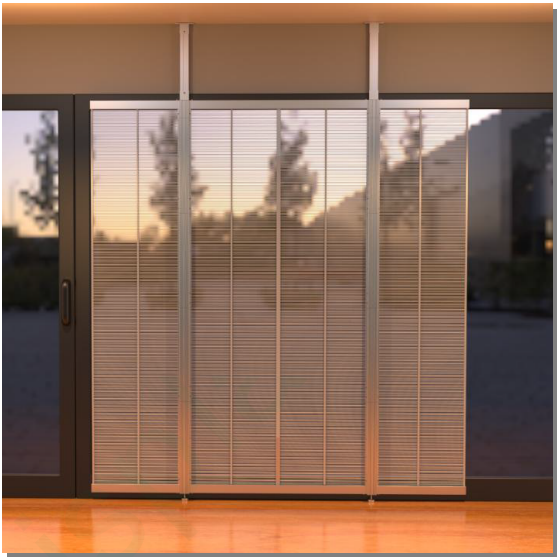
The length of signal line should not exceed 100mm (332feet). Avoid accidental contact with lightning or conductive body.

# INTRODUCTION

This kind of transparent led screen are specially designed for building advertising, modular design and free combination splicing. The screen with simple structure, high transparency and high brightness, and has the characteristic that does not affect indoor daylighting.



Cabinet size:  
W1000\*H500mm



Installation scene

## SPECIFICATION

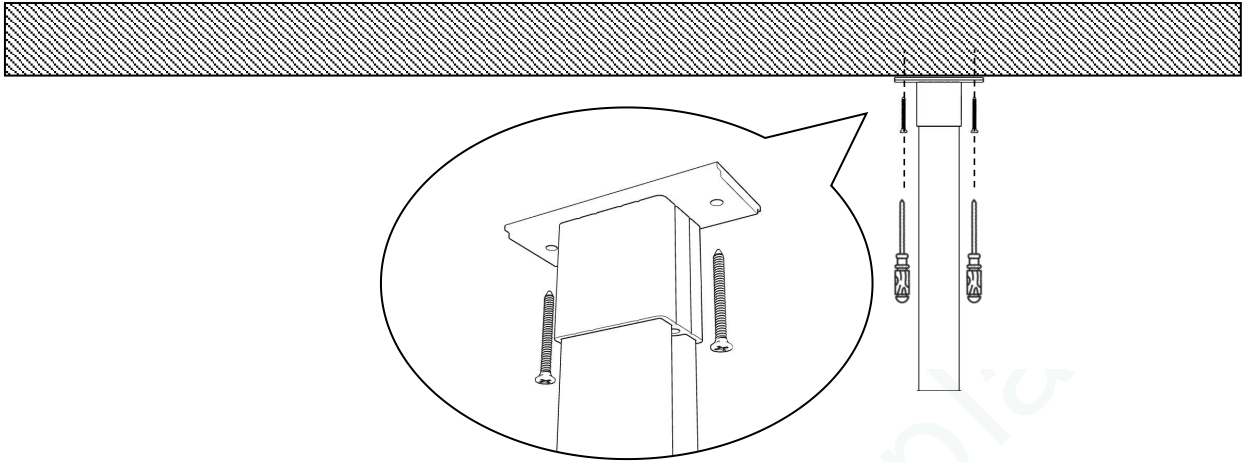
Cabinet size	1000x500	1000x500
Pixel pitch (mm)	3.91x7.81	7.81x7.81
Pixel density (dot/m <sup>2</sup> )	32256	16384
Pixel (m <sup>2</sup> )	252x128	128x128
LED encapsulation mode	1921/2121	1921/2121
Brightness ( cd/m <sup>2</sup> )	1500~6000	1500~6000
Transparency	85%	85%
Viewing angle	160	160
Refresh rate ( Hz )	3840	3840
Average Power consumption ( W/m <sup>2</sup> )	250	120
Max Power Consumption ( W/m <sup>2</sup> )	800	400
Maintenance mode	back maintenance	back maintenance
Protection grade	IP42	IP42
Temperature Range	-20~50℃	-20~50℃
Weigth ( kg/m <sup>2</sup> )	8kg	8kg



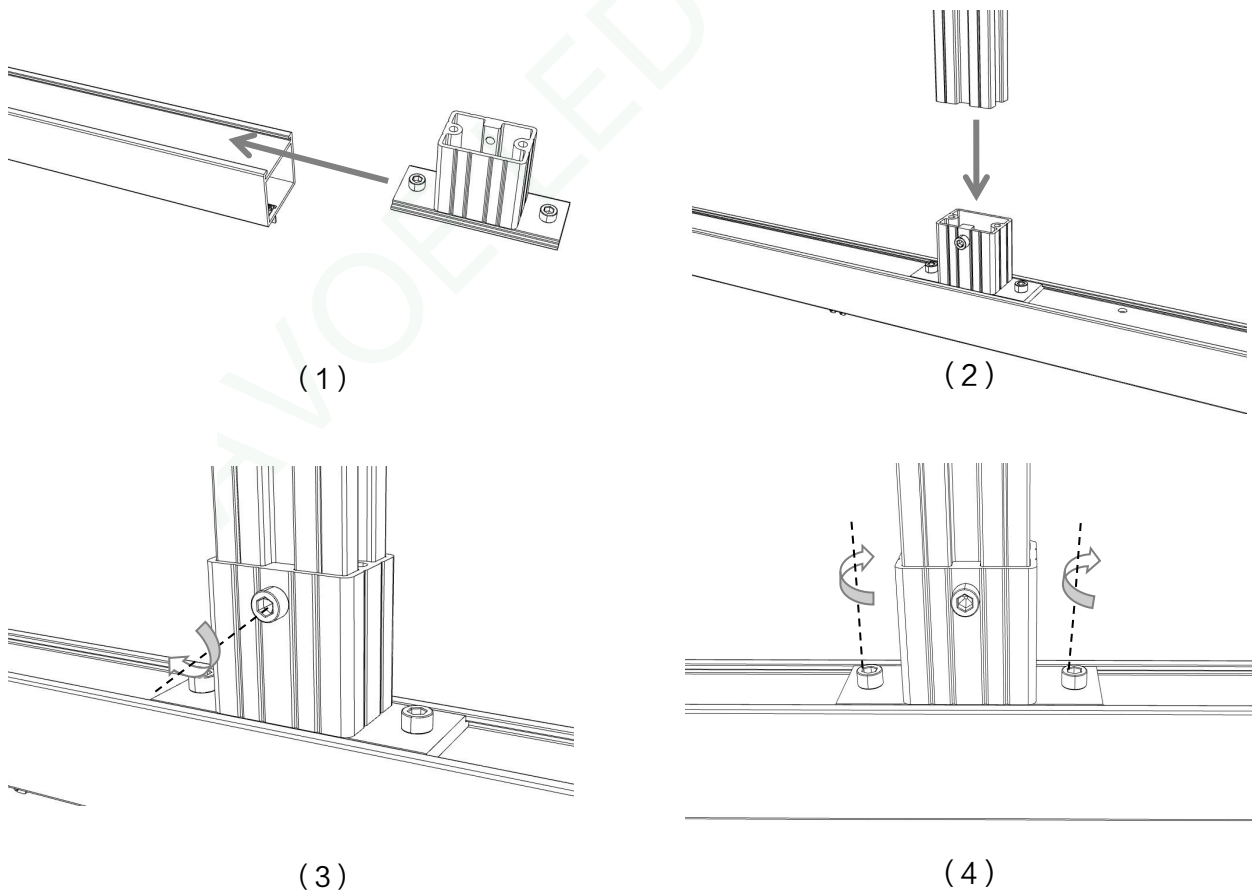
## INSTALLATION

### 1. Fixing method of top bracket:

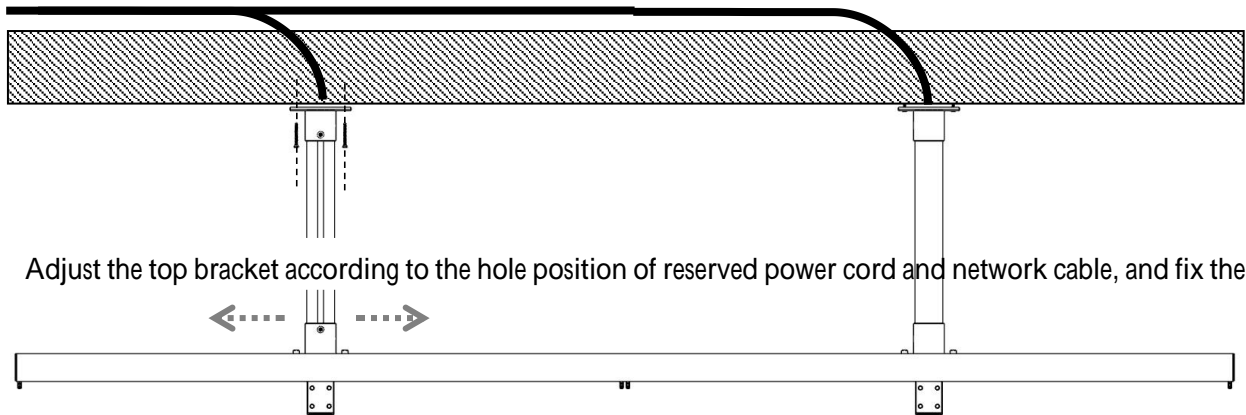
(PS: Make sure the top fasteners are load-bearing and firm.)



### 2. Fixing method of top rail:

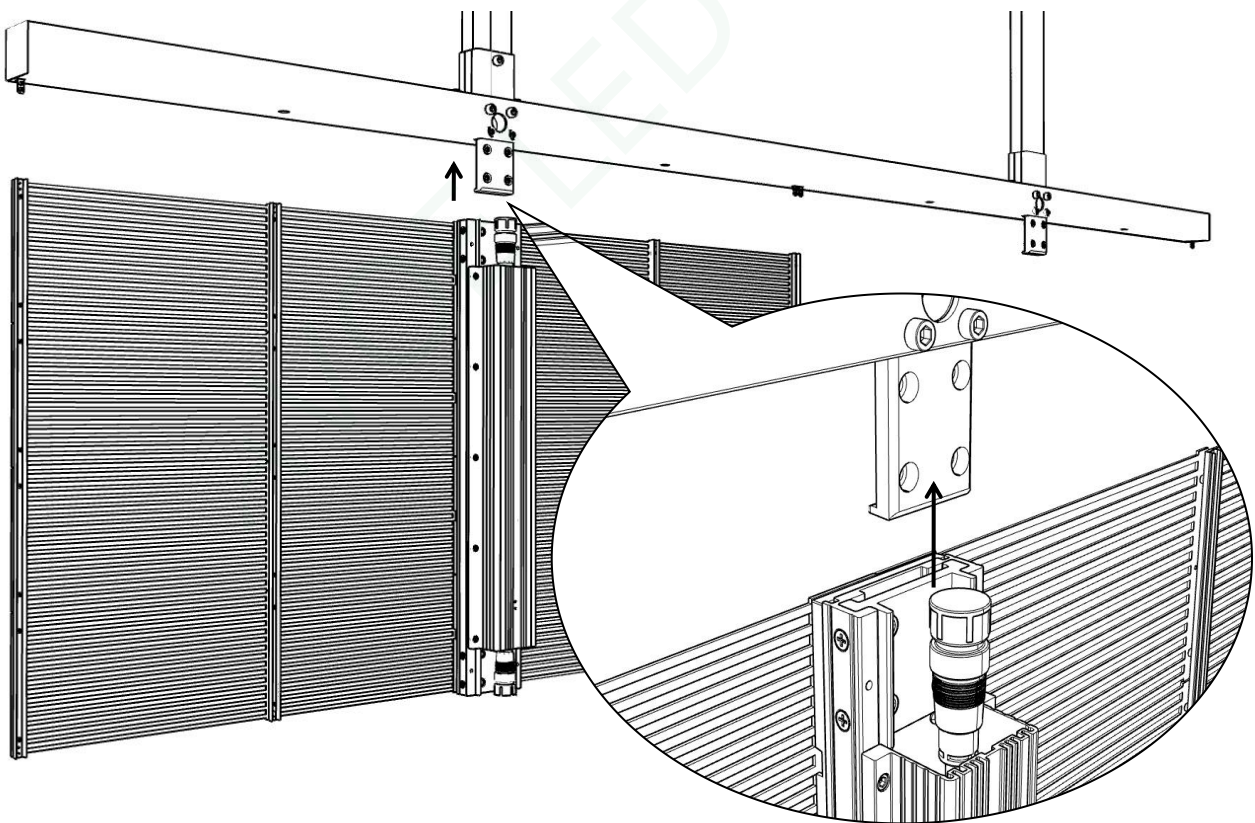


### 3. Adjustment mode of top bracket:

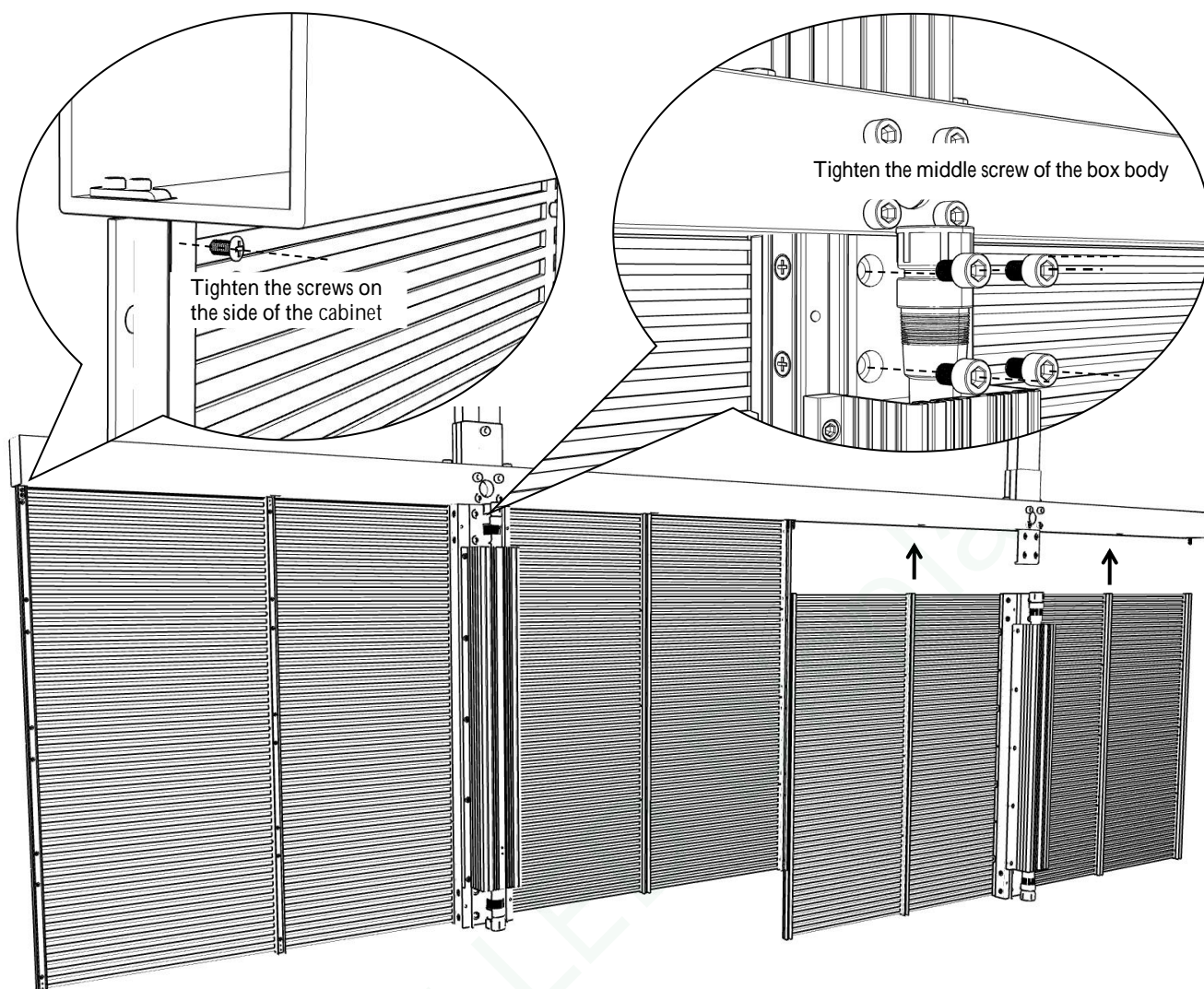


PS: After the position is adjusted, please tighten all the screws of the bracket to ensure subsequent safety.

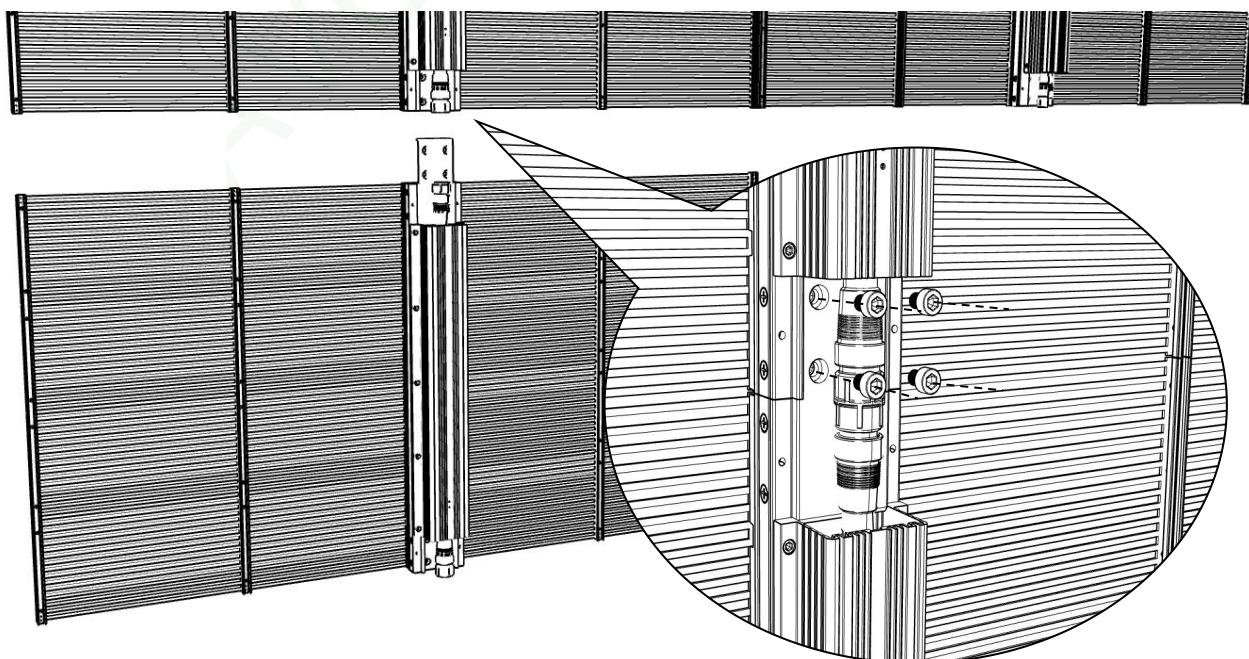
### 4. Installation of cabinet and top rail:



## 5. Installation of cabinet and top rail:

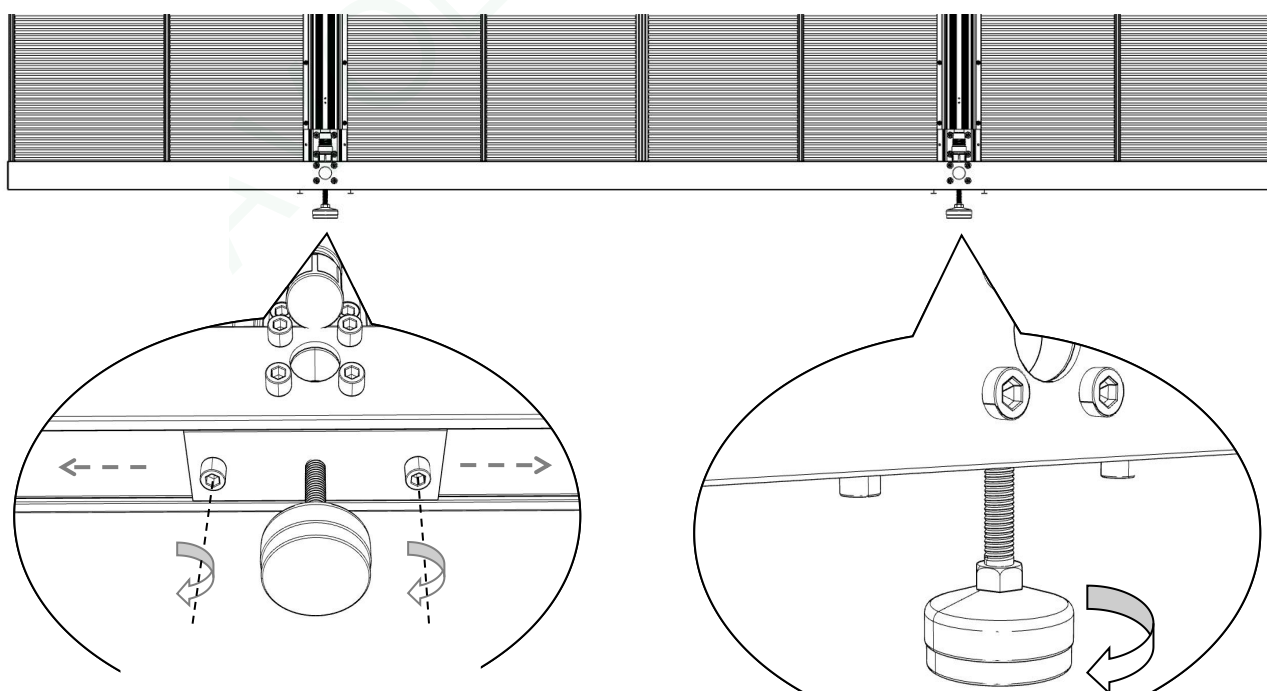
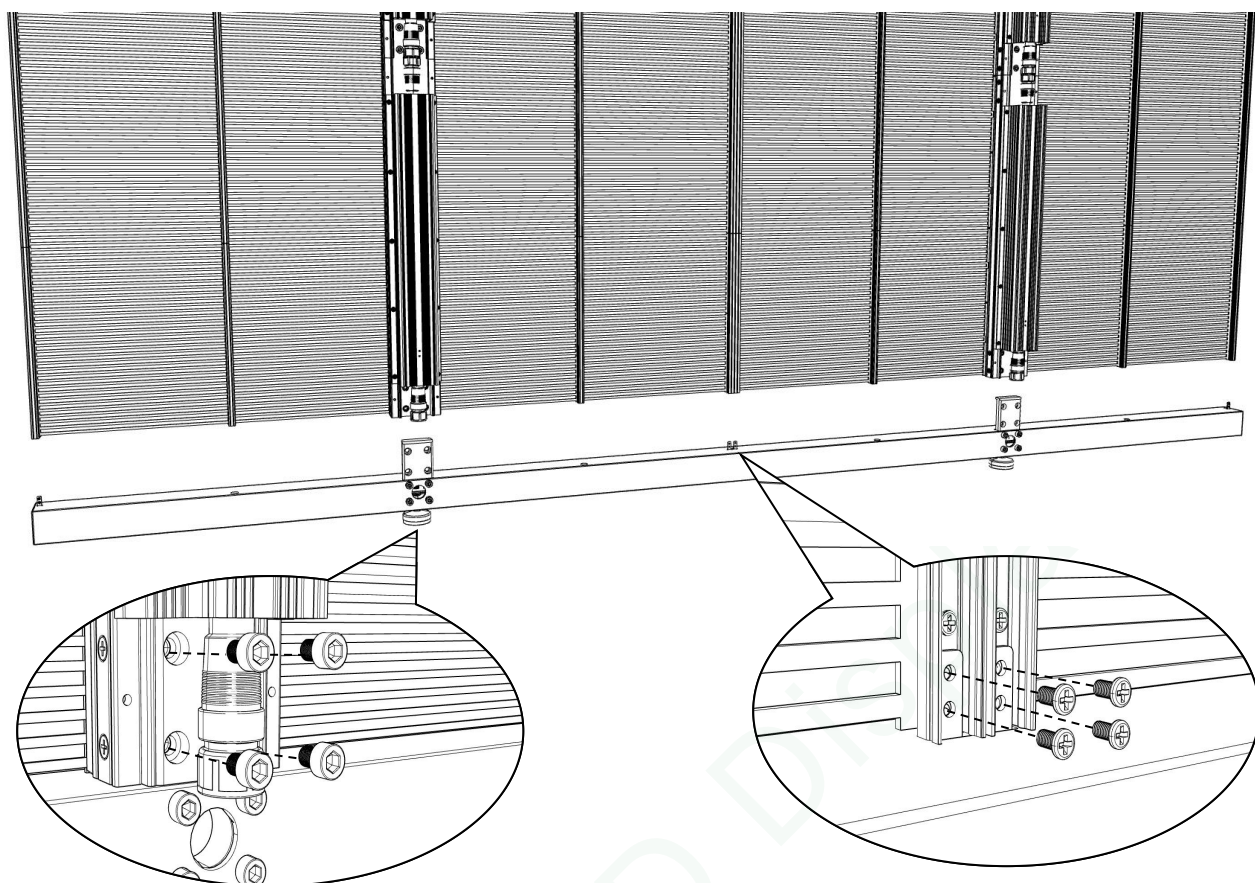


## 6. Installation between cabinet and cabinet:





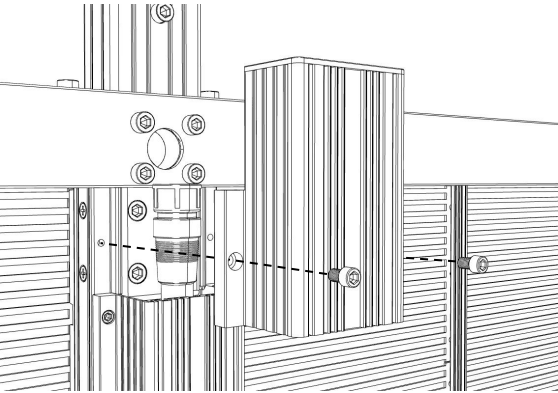
## 7. Installation of cabinet and bottom end rail:



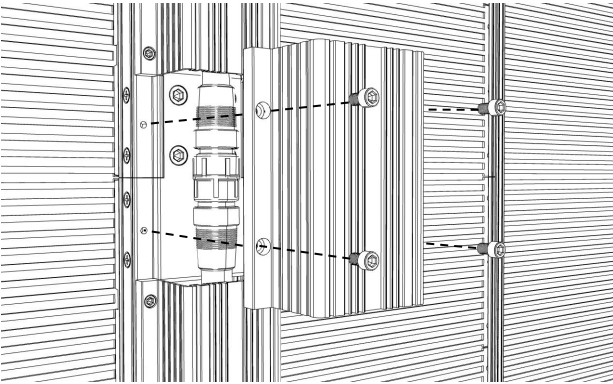
Move the foot cup assembly to the appropriate position and tighten the socket head screw.

Rotate the foot cup so that it supports the screen.

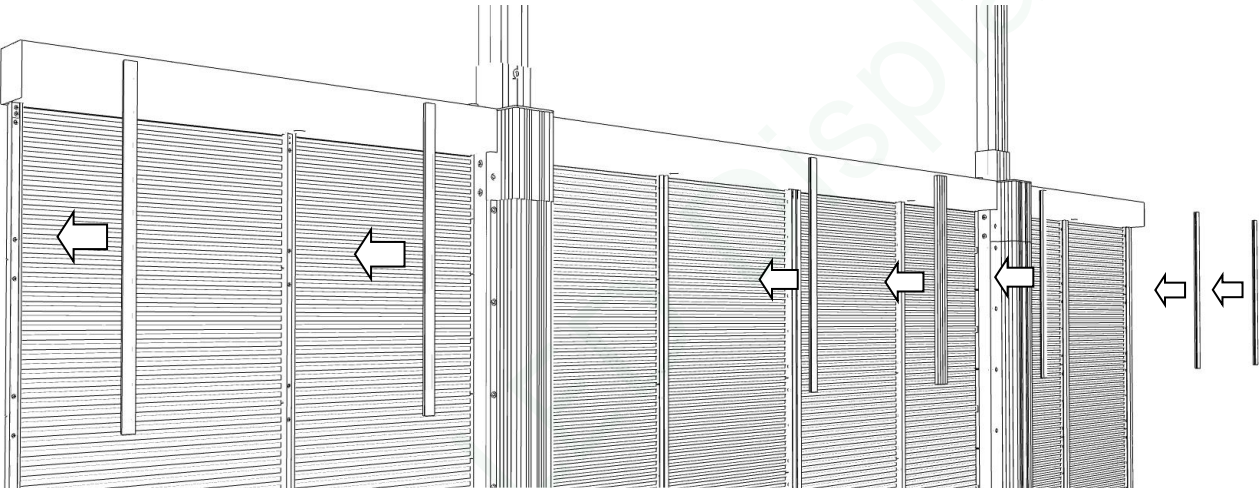
8.Installation of cover line and trim cover:



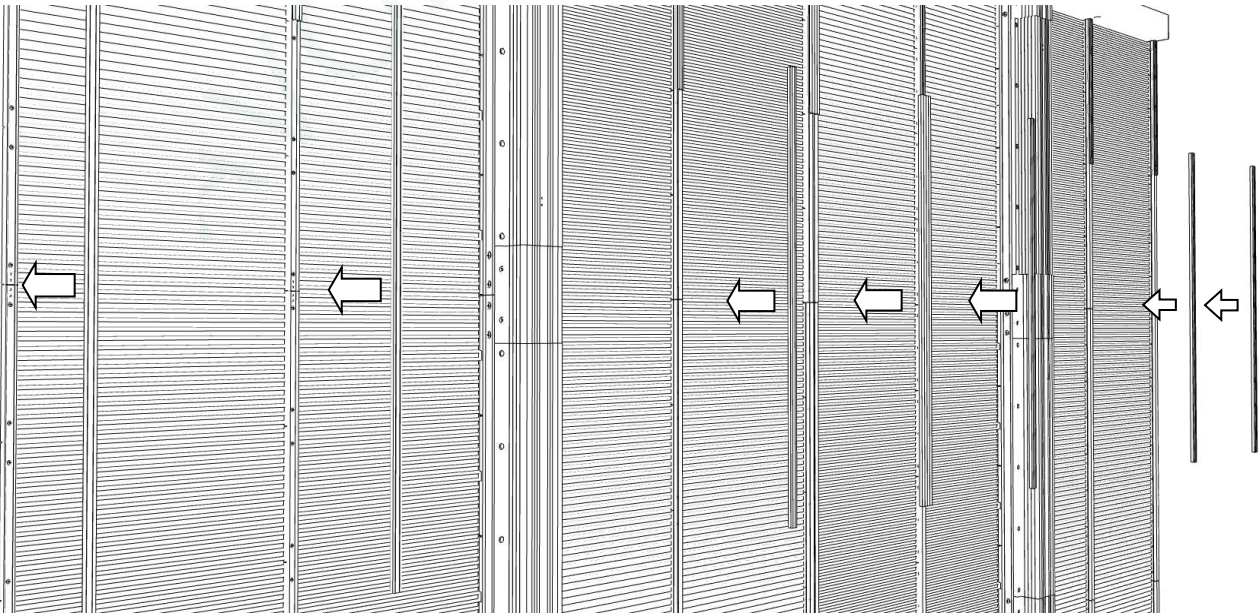
Installation drawing of cover line ( 1 )



Installation drawing of cover line ( 2 )



Installation drawing of trim cover ( 1 )



Installation drawing of trim cover ( 2 )

# MODE OF CONNECTION

## 1.Connection mode of network cable

PS. The playing box is in the upper right corner behind the screen.

## 2.Connection mode of power supply

PS.Each power cord shall be connected to 10 pcs. 1000\*1000mm cabinet at most.

