Modular bracket installation instruction

1 Pre-installation check

Please check the equipment model after opening the packing box，check the type and quantity of accessories, and confirm the equipment is complete。Please refer to the packing list for the equipment model、 type and quantity of accessories.

The following tools may be required in the installation process: spirit level, infrared level meter and its support, tape measure, M6 and M8 inner hexagon wrench, M8 outer hexagon wrench, vise, M12 outer hexagon wrench, M4 screwdriver, marker pen, impact drill and 12.5mm drill bit, and two ladders(the figure below does not include ladder).

2 Installation precautions

2.1 Ground requirements

The ground where the bracket is located needs to meet the following requirements:

- before installation, please ensure that the floor where the bracket is located is level.
- when there is an anti-static floor on the concrete floor, the support base must be directly fixed to the concrete floor and cannot be placed on the anti-static floor.

2.2 Requirements for bracket installation

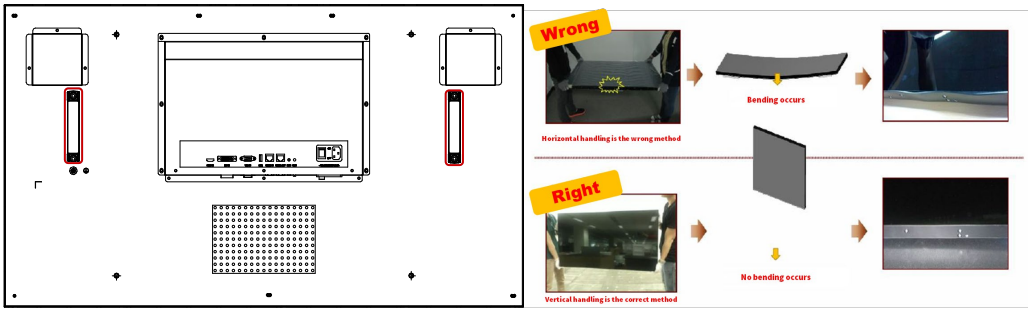
- the pull rod is a standard parts, each column is equipped with a pull rod by default, and the length of the pull rod is adjustable from 50 to 130cm. The installation method is recommended to be directly pulled to the wall. Expansion screws should be fixed to ensure the fixing strength of the support.
- there are three types of base: 60cm~70cm, 80cm~90cm and 100cm~110cm.
- the adjustment distance of the foot cup is 0~10cm. After installation, please use the infrared level meter to assist in debugging and leveling.
- after the base bracket is installed, the I-type braces and pull rods must be fixed before the screen can be installed. Otherwise, please bear the responsibility for any abnormal situation in the process of hanging the screen due to the instability of the bracket.
- the floor must be fixed with the braces, that is, the expansion screws must be installed, and all the braces must be used.

2.3 Screen handling requirements

注意：

- Note:
- the LCD panel is fragile. Please handle it with care during transportation, installation and maintenance. Do not press the front panel of the LCD with your hands or other objects.
- when installing this product, it is important to keep at least 0.6mm space between the top, bottom, right and left edges and surrounding objects or walls, so as to avoid extrusion damage of display unit caused by thermal expansion and cold contraction of the product.

(1) operate by two people,each of them holds the handle at the back of the LCD splicing screen in the packaging box with one hand and simultaneously lifts it to draw the LCD splicing unit out of the packaging, as shown in the figure below.



(2) carry the LCD screen vertically, with the stress point on two handlebars and the other hand supporting the rear shell at the rear bottom edge of the unit to maintain the balance of gravity. Do not directly press the LCD screen.

Note:

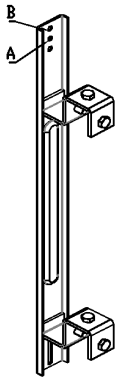
- be sure to move the LCD panel vertically, as horizontal movement can bend the panel. Do not hold the front border of the screen while moving.

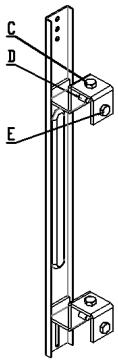
(3) remove the foam in the packing material, and place the LCD splicing screen vertically at a slightly backward angle on the foam, so that the stress point of the screen body is on the bottom rear shell, to prevent the damage of the lower part of the screen body due to extrusion.

2.4 Hook installation requirements

①Installation hook: one person to hold the LCD screen, another person to take the hook. Use hole A on the hook, install the hook to the back of the screen and tighten it.

(2)adjust hook screw: Loosen the screws(C) and(E), so that the adjusting device before and after the hook can be used; Loosen the fastening screw (F) on the hook so that the u-type hook can be installed smoothly.





2.5 Screen position adjustment requirements

1) up and down position of the screen: it is suggested to adjust the screws on the hooks on both sides of the lower part of the screen first to make the lower part bear the load first. The screws on both sides should be adjusted alternately, and the range should not be too large. After the lower adjustment is completed, adjust the screws on the upper hook of the screen.

2) adjust the front and rear position of the screen: it is recommended to adjust the screws on the lower hook of the screen first to make the lower one align first, and then adjust the upper screw, until the front and rear position of the screen is adjusted and leveled, and then use the infrared level meter to assist vertical measurement.

3) left and right positions of the screen: gently push the handle of the screen. With the help of the sliding device, the screen can be moved. After the adjustment is completed, lock the screw(E).

4) fastening screws: after confirming that the screen is in the horizontal and vertical planes, measure the seam with the plastic feeler and tighten all the screws on the hook.

3 Bracket installation

3.1 material list

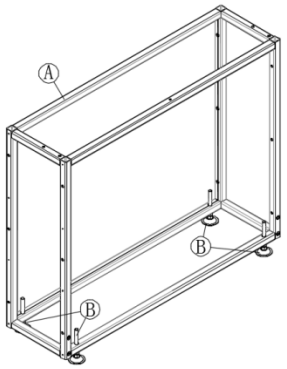
code	name	Specification/process	code	name	Specification/process
A	base	Spray/black	L	Allen screw	M8*20/galvanized
B	Foot cup	M12*140/galvanized	M	hook	Spray/black
C	bracket	Spray/black	N	Display screen	
H	Allen screw	M8*80/galvanized	O	Pull rod	Spray/black

I	nut	M8/galvanized	Q	Allen screw	M8*80/galvanized
J	Expansion screw	M8*100/galvanized	R	sunk screw	M4*6/black
K	assembling bolt	M6*16/galvanized			

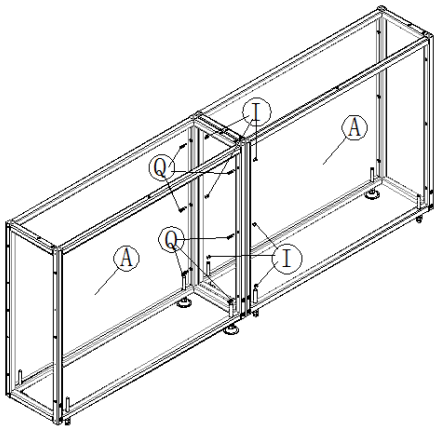
3.2 bracket installation

Please check the equipment model after opening the packing box，check the type and quantity of accessories, and confirm the equipment is complete.

(3) install the foot cup on the base according to the diagram, and adjust the height from the ground. Similarly, the other bases are installed the foot cup, adjust to the same height.



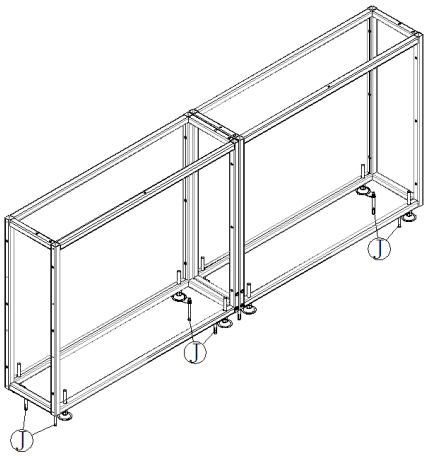
(4) use the screws(Q),nuts(I)and the gaskets to connect all the bases together , but do not tighten fixed. Measure with the infrared level meter, make sure all bases are in the horizontal position, tighten the through screw, measure the diagonal of the base after installation with the tape measure, adjust the error and finally lock the screw.



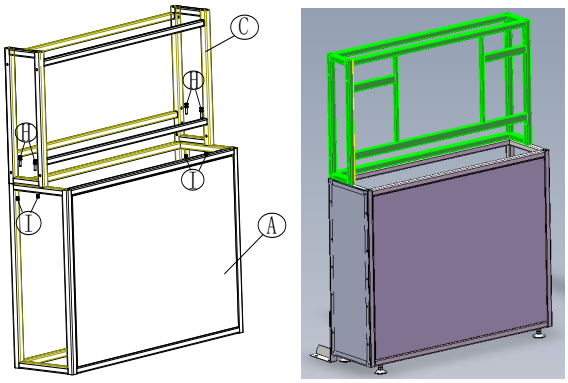
(5) Fix the braces on the bases as shown. Measure with the infrared level meter, make sure all bases are in the vertical position with the ground, and tighten the screws

(6) Connect the brackets and the bases, must ensure that the back of the bracket and the base in the same plane.

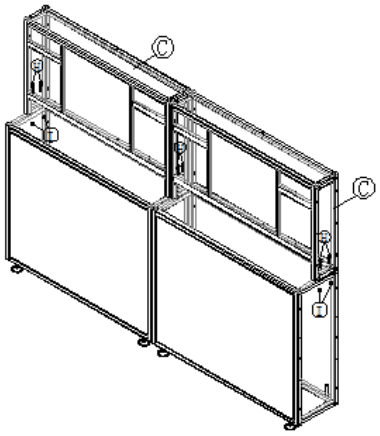
Note: When installing the bracket, please ensure that the placement direction of the unit is correct. If there is a gap, it is below the bracket unit; if there is no gap, it is above the bracket unit



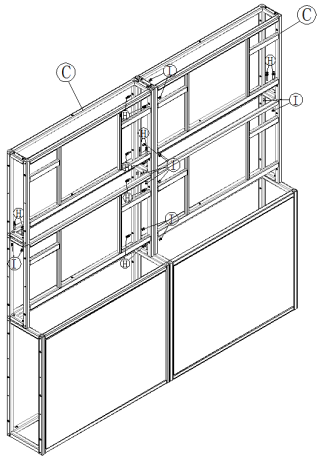
(7) fixing the foot cup on the ground with expansion screws.



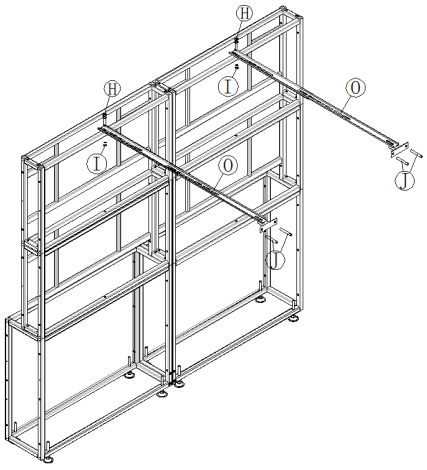
(8) fix another row of brackets in the same way, and screw in the left, right and up and down fixing screws .



(9)fix the pull rod to the wall.

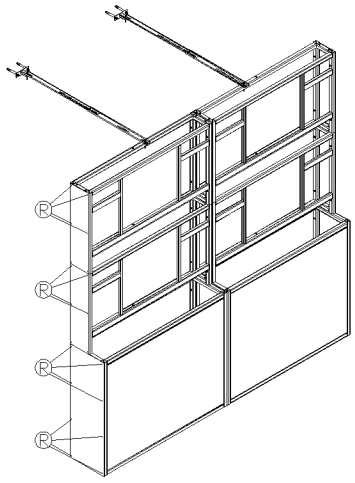


(10)fix the sealing plate on both sides of the bracket.



Note: When installing the bracket, please ensure that the placement direction of the unit is correct. If there is a gap, it is below the bracket unit; if there is no gap, it is above the bracket unit

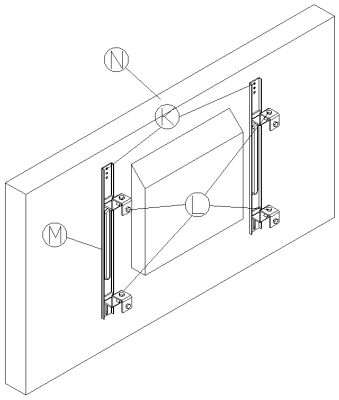
(11)place the stainless steel slide on the beam



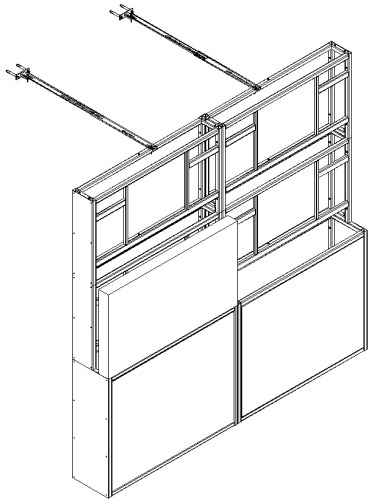
Note: before hanging the display screen, please make sure that the braces and pull rods have been installed.

(12) refer to the notes, adjust the hook screws,

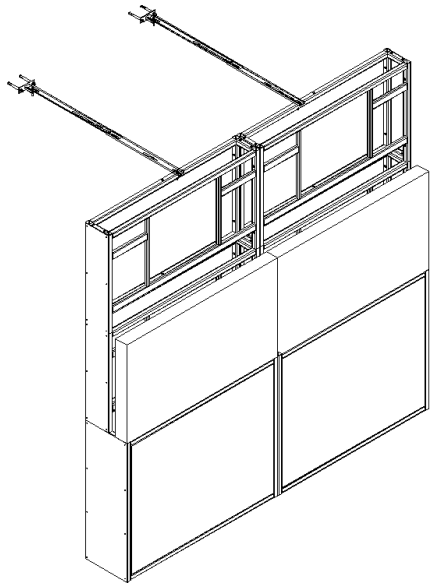
of the bracket, fix the hook on the screen as shown.



hang the display screen in the lower left position of the bracket.



(13)hang another display screen in the bottom right hand corner shelf location, adjusting screw, to that of the previous display level.



(14)Install the remaining display screens in the same way and adjust the seam until it meets the requirements.

