



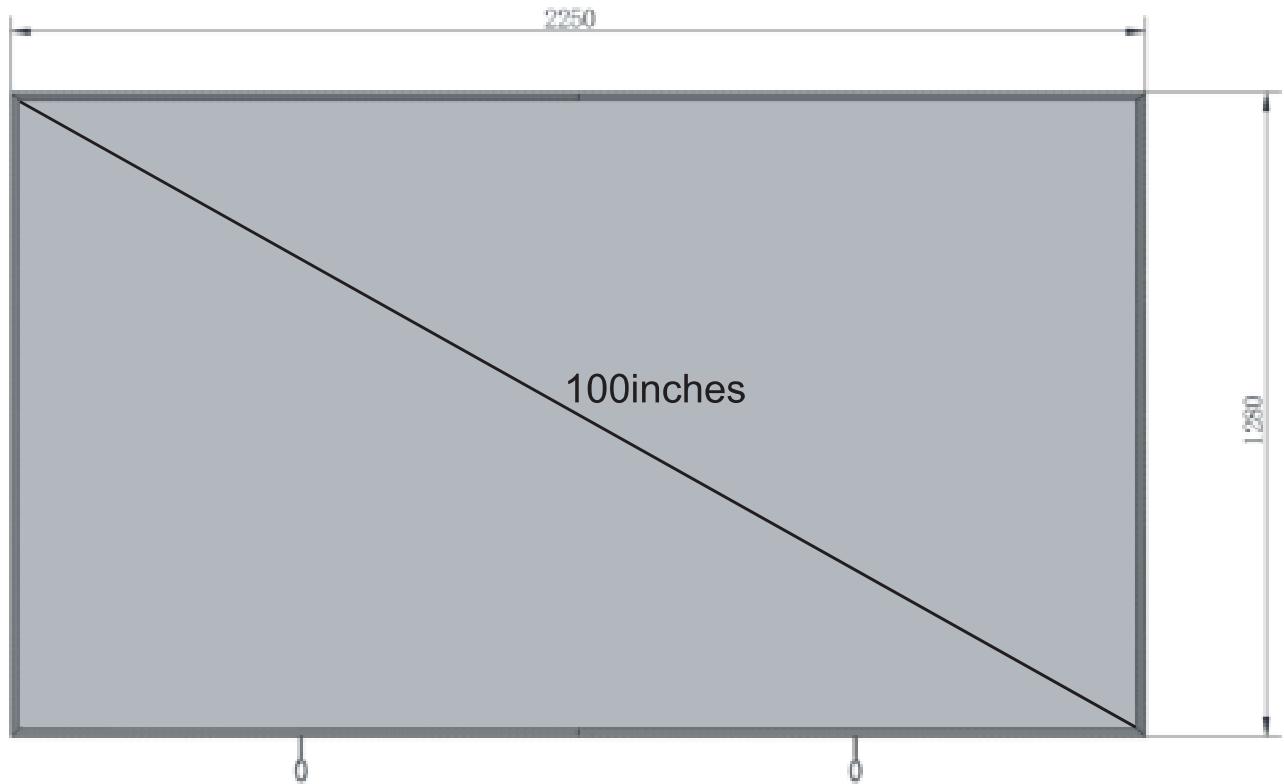
INSTALLATION GUIDE

Hisense Laser Cinema Display Screen

Before you install this product, read this guide completely and make sure you understand all of the content.

ENGLISH

Structure diagram of laser cinema screen

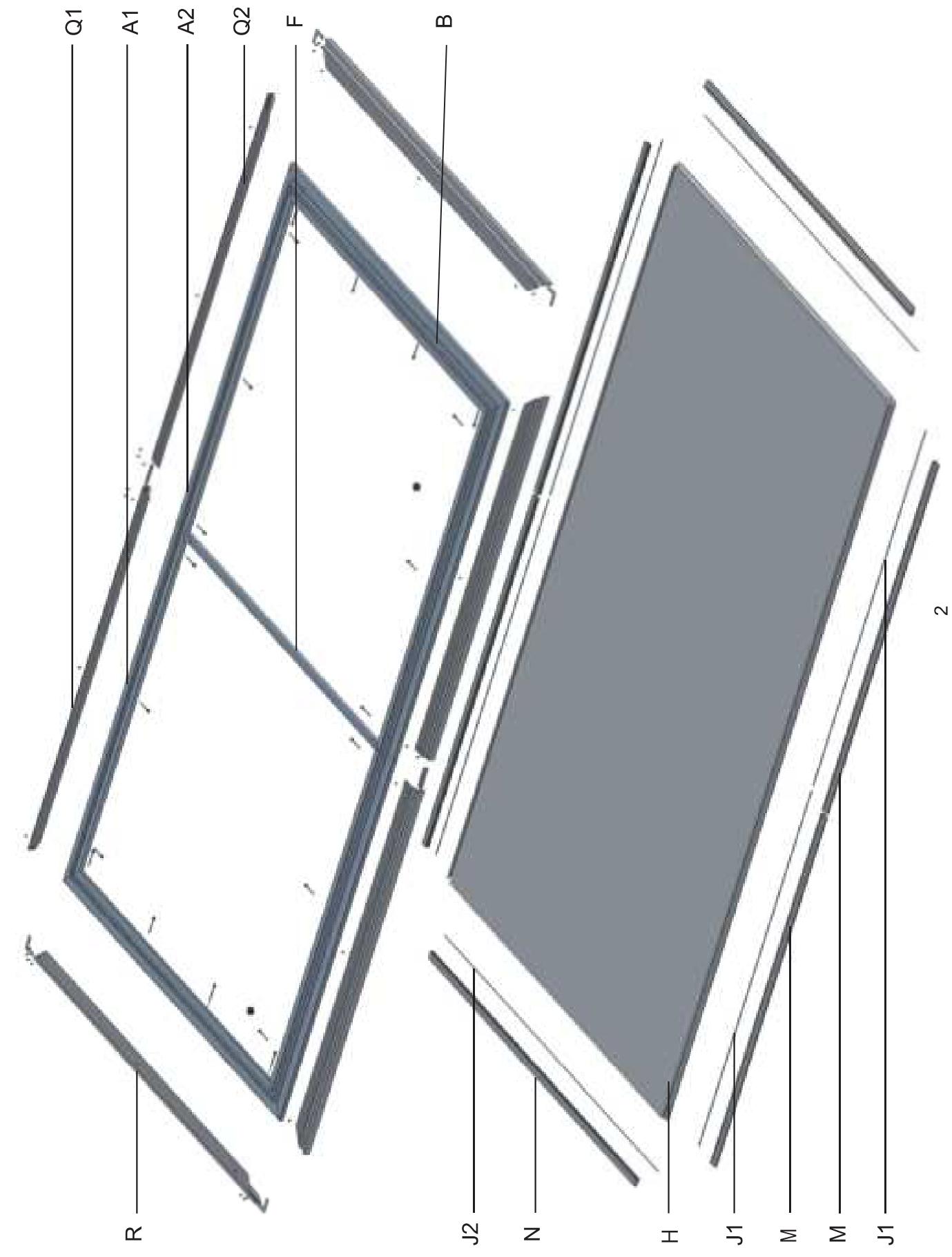


Parameters for laser cinema screen

Name	Fresnel laser cinema screen 100inches				
Model	FS100	Screen material	PET	Projection scale	16:9
Projected area	2214×1245mm	Net weight	11.7kg	Screen color	Grey
Screen size	2250×1280×30mm	Total weight	24.5kg	Border color	Black
Package size	1665×430×255mm	Horizontal full view	45±5°	Gain	≥1.0

*The above are only the specifications of some main products. If there is a small deviation in the size of the laser cinema screen, it is a normal installation measurement error. Please feel free to use it.

Overall structure diagram of laser cinema screen



Tool preparation before installation



Tape measure ×1 Electric drill ×1 Woodworking pencil ×1 Screw driver ×1 Hammer ×1 Metal detector ×1 Level ruler ×1

Product standard accessories

The appearance drawing in this manual is a schematic diagram. Please refer to the purchased real object. After opening the package, please carefully check the product list.

Code	Name	Parts drawing	Quantity	Code	Name	Parts drawing	Quantity
A1	Long side inner frame(A1)		2	A2	Long side inner frame (A2)		2
B	Short side inner frame		2	C	Long side inner frame connectors and screws		2
D	Inner frame connecting corner pieces and screws		4	E	M6 × 6 inner frame corner screw		24
F	Vertical beam		1	G	Vertical beam pressing plate and screw		2
H	Tentorial surface		1	I	Cushion cloth		1
J1	Fiber rod (short)		4	J2	Fiber rod (long)		2
K	Pull pin nut		20	L	M4 × 45 pull pin screw		20
M	Long side tie rod		4	N	Short side tie rod		2

Code	Name	Parts drawing	Quantity	Code	Name	Parts drawing	Quantity
O	Outer frame connecting corner piece		4	P	Outer frame splicing connector		2
Q1	Long side outer frame (Q1)		2	Q2	Long side outer frame (Q2)		2
R	Short outer frame		2	S	M3 × 6 outer frame splicing screw		24
T	M3 × 6 outer frame screws		18	U	Cushion block		2
V	Wall hanging support		2	W	Adjusting rod		2
X	Wall hanging support connecting rod		2	Y	Gloves for installation		2
Z1	Plastic expansion pipe and screw		4	Z2	M4 hexagon socket screwdriver		2
Z3	M3 hexagon socket screwdriver		2				

Please read this manual carefully and keep it properly before using the product.

Maintenance of laser cinema screen maintenance

During use, dust-free soft cotton cloth dipped in absolute ethanol can be used to gently wipe the anti light screen and frame or dust-free soft cotton cloth to wipe dust and other dirt.

Warning

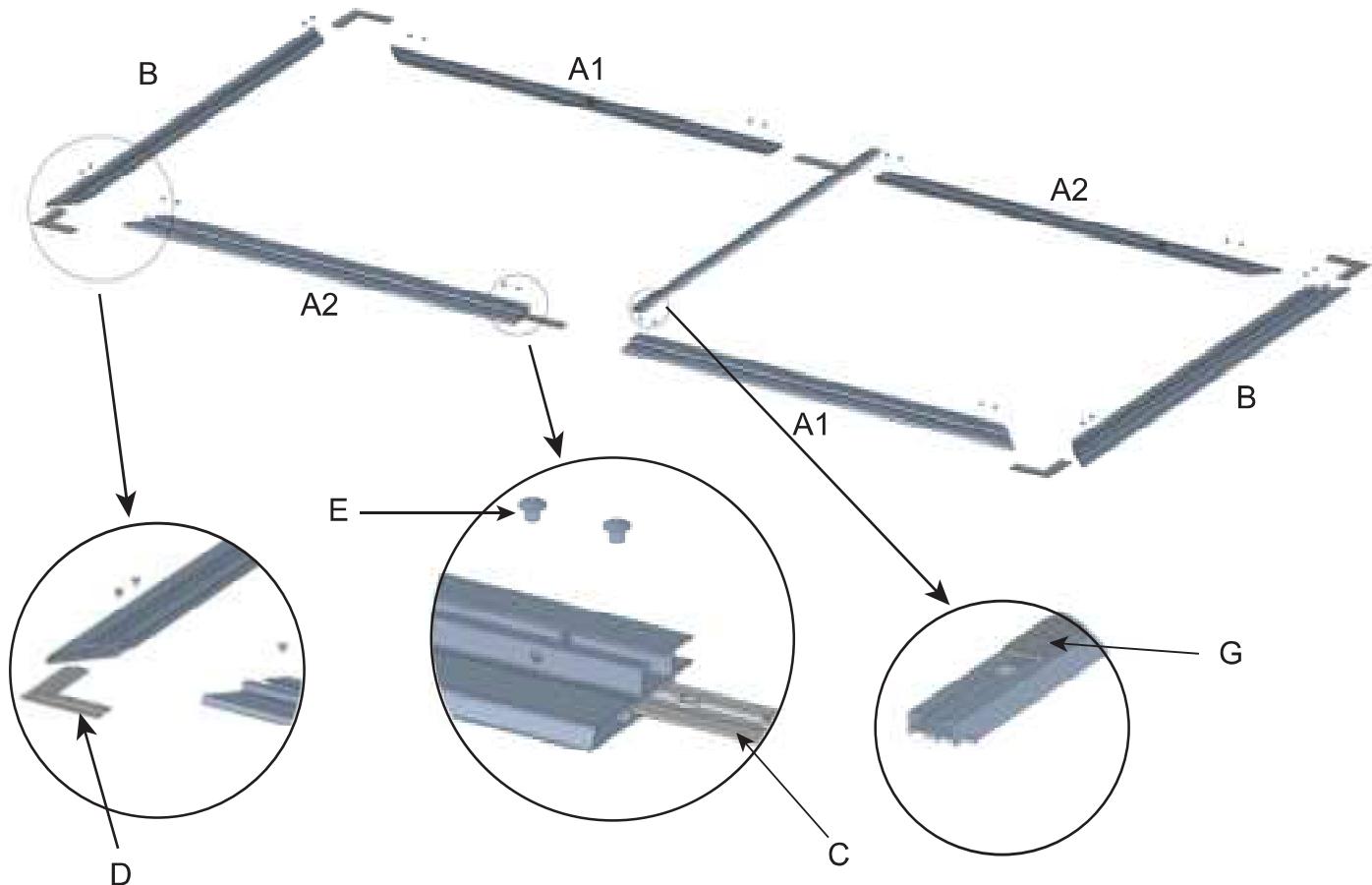
- Do not touch or wipe the anti light screen with an ordinary towel.
- Do not spill dirty water, oil stains and other pollutants on the anti light screen.
- Do not place this product on an unstable cart, tripod or desktop. If this product falls to the ground, it may cause serious damage and injury.
- Do not scratch or touch the anti light screen with hard objects, or directly contact the front of the laser cinema screen with hard objects.
- Do not expose the laser cinema screen to the sun.
- Do not place the laser cinema screen near inflammable, explosive and other dangerous goods.

Screen assembly steps

(1) Assemble inner frame

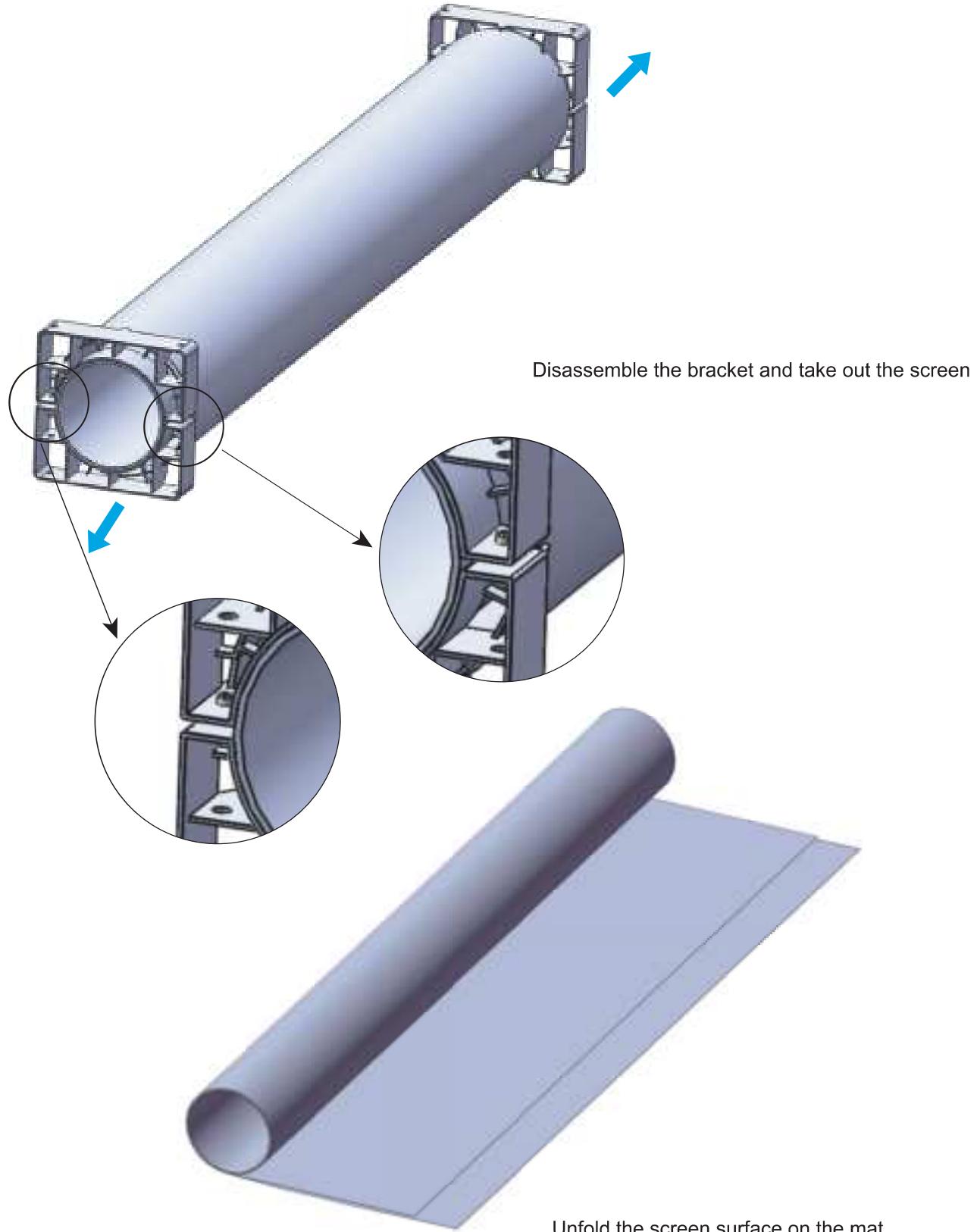
First, find the white installation pad (I) in the packing box, open the installation pad and lay it on the clean ground for the following installation:

1. Take out all the frames in the foam cotton and gently put them on the gasket separately. Check whether they are missing according to the accessories list. Place the inner frame correctly according to the Figure below. Splice upper and lower inner frames (A1) and upper and lower inner frames (A2) with inner frame connectors (C). (Methods: Insert one end of the upper and lower inner frame (A1) into the inner frame connectors (C), align it to the hole on the inner frame, use a piece of inner frame corner screw (E) to fix the inner frame, and then connect it with another upper and lower outer frame (A2). The same method is used to splice the other two sections of the frame), and the two left and right inner frames (B) are inserted into the inner frame connector (D), which are connected with the long inner frame completed by splicing.

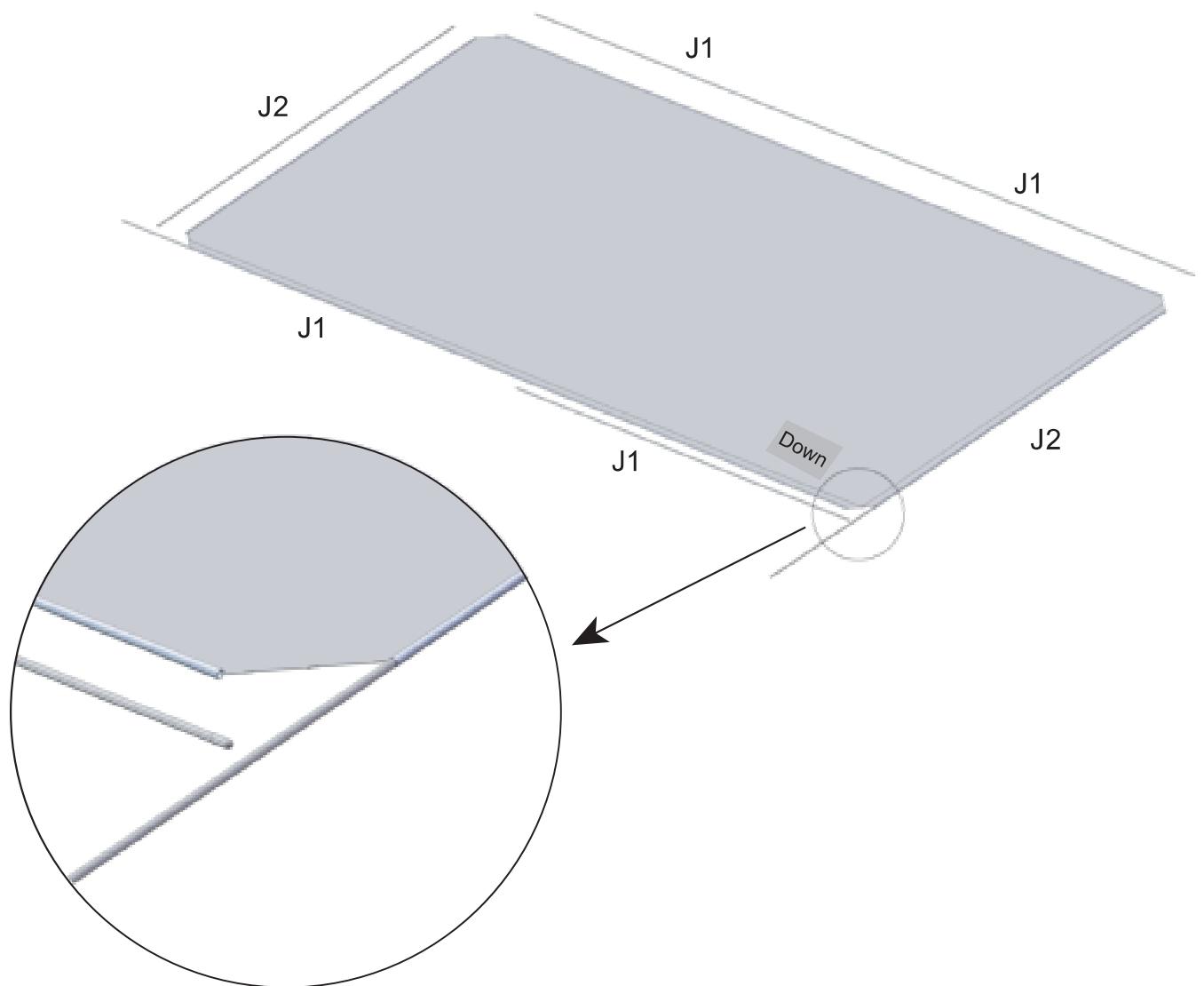


(II) Installation of screen surface

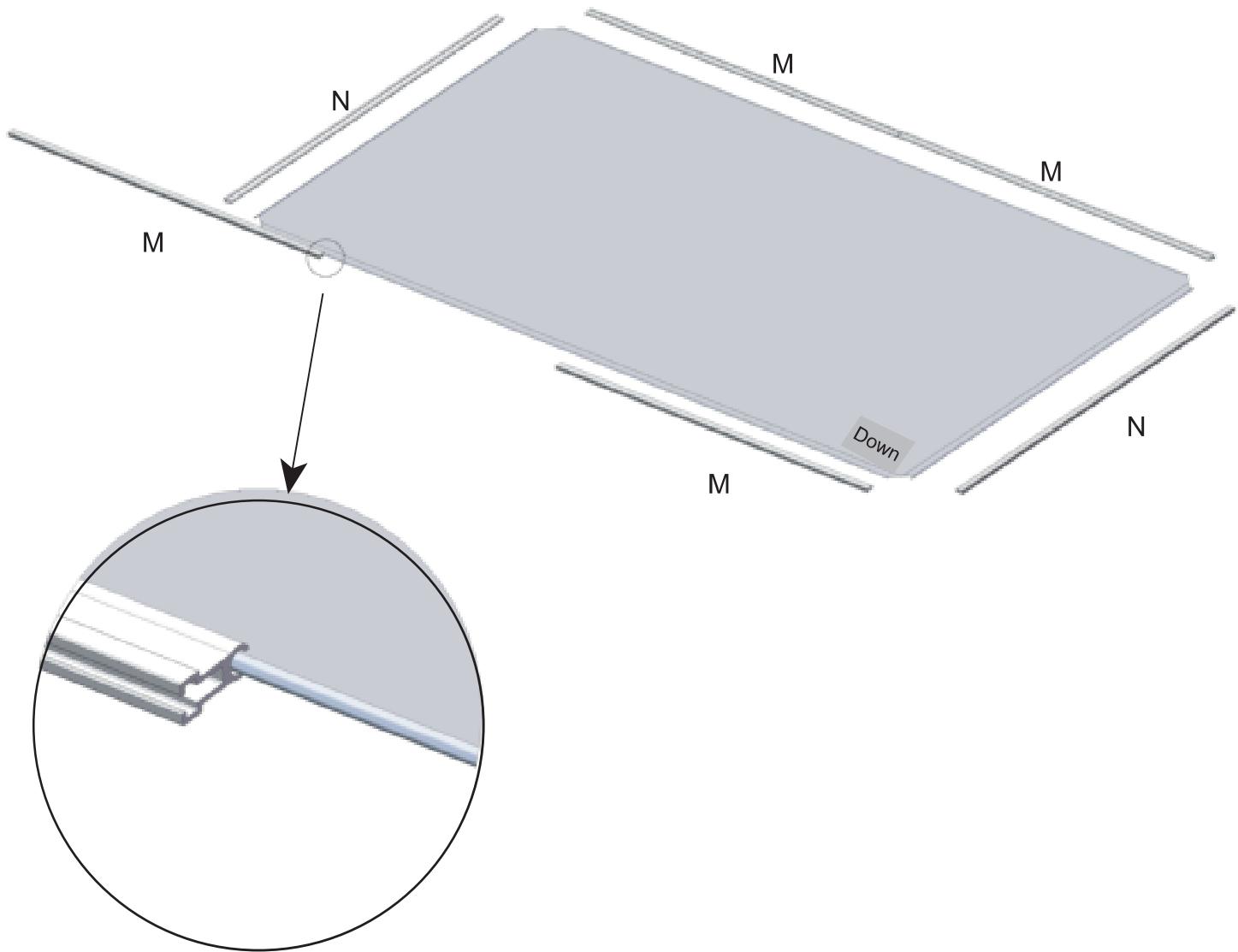
1. Loosen the screws on the brackets at both ends of the paper tube with an M4 Allen screw wrench (Z2), remove the brackets on both sides, slowly remove the screen surface from the paper tube, and wear installation gloves to prevent the screen surface from being stained with sweat. Open the screen surface and lay it on the mat with the back of the screen facing upward (the side with the label is the back). Move slowly when you unfold the screen. Please refer to the following figure for the method:



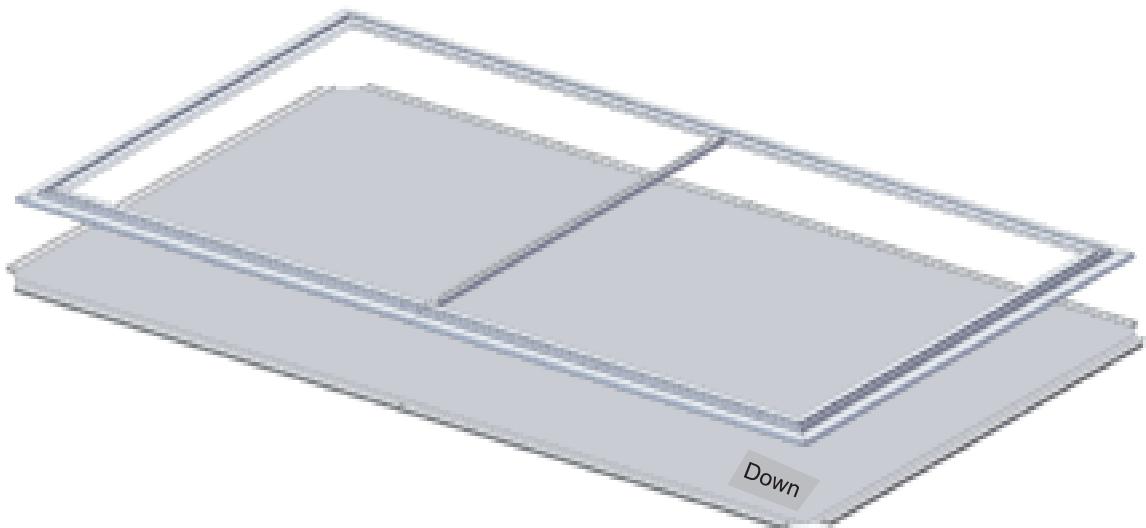
2. There are 6 fiber rods in total, of which 4 with the same length are segmented. Insert 4 fiber (J1) rods into the black edges of the two long side screen surfaces, and the other 2 slightly longer fiber rods (J2) into the black edges of the short side screen surfaces.



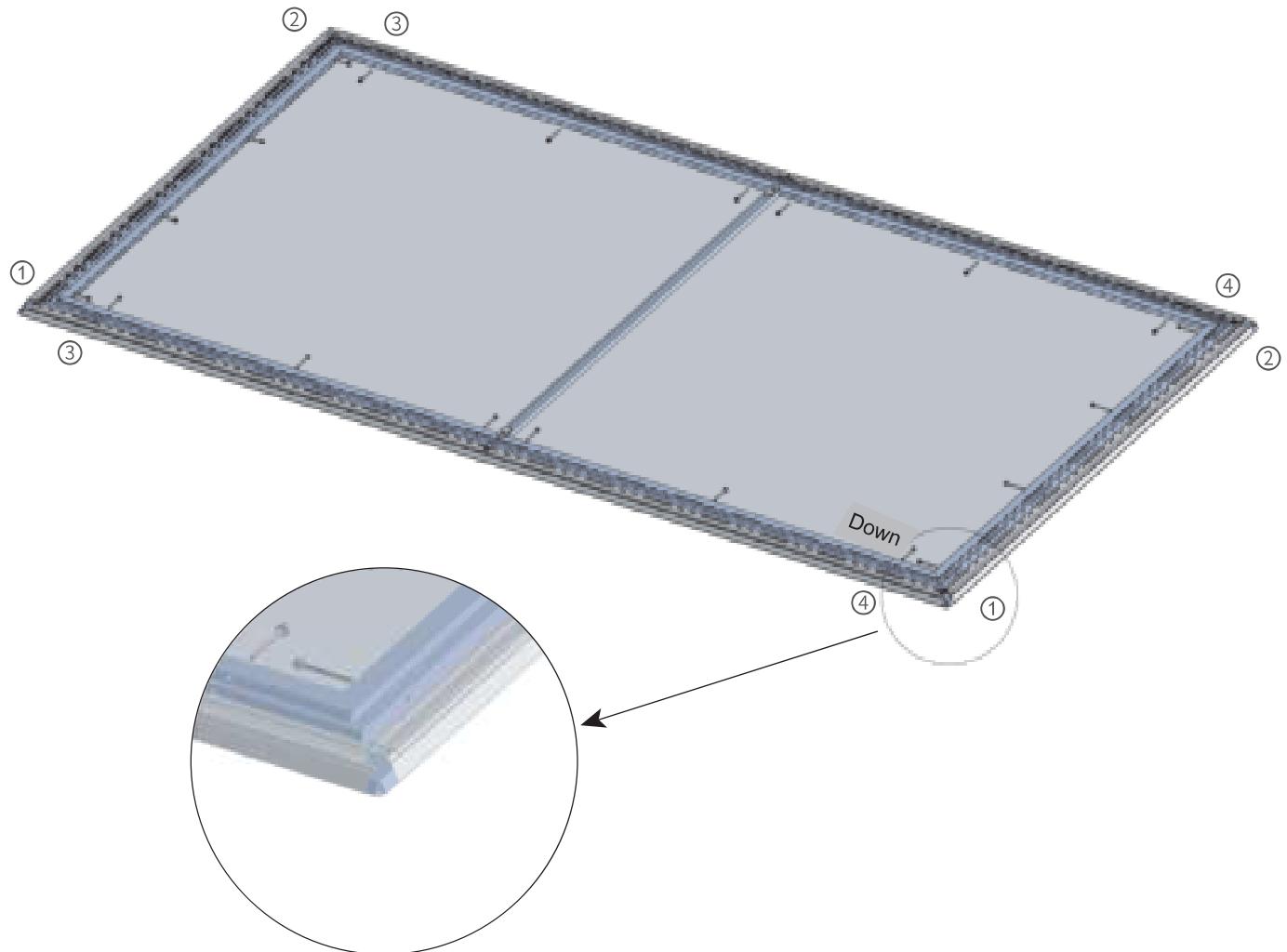
3. Thread the pull rod (N) and pull rod (M) into the screen sealing edge according to the position shown in the figure below.



4. Center the inner frame on the back of the screen surface.

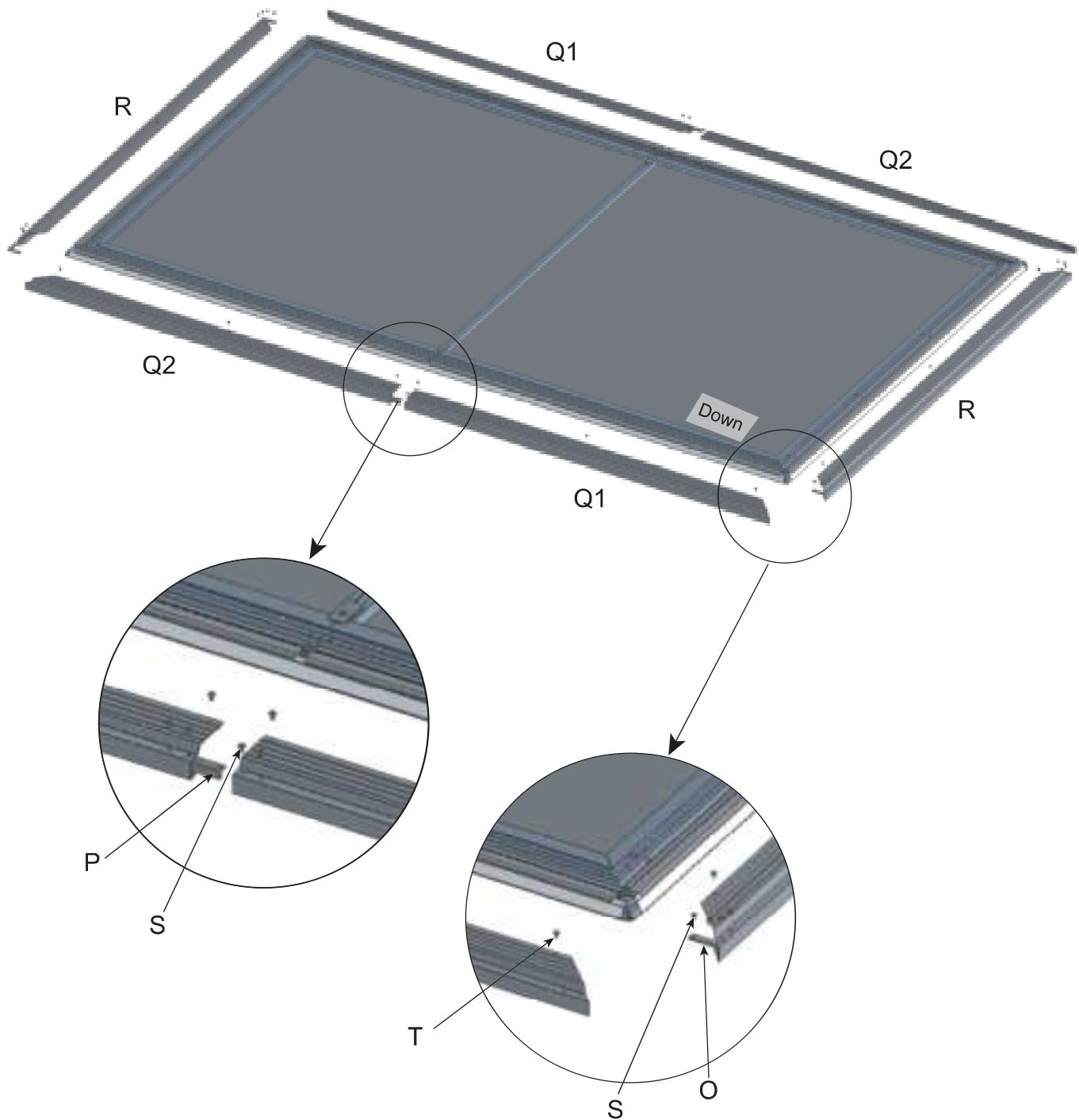


5. Ensure that the four sides of the screen surface are aligned with the outer edge of the frame. The M4x45 pull nail screw (L) is screwed into the Pull pin nut (K) in pull rod through the hole in the inner frame hole. Install the four corners first according to the installation sequence of 1-1 → 2-2 → 3-3 → 4-4 in the figure, symmetrically, first the long side and then the short side. Pre tighten the screws to ensure that the four sides of the screen surface are aligned, and then tighten the screws symmetrically. The frame screws can be tightened to the side of the pull rod and close to the positioning line. If the laser cinema screen observes the screen surface is not flat, adjust the tension of the pull screws until the screen surface is flat.



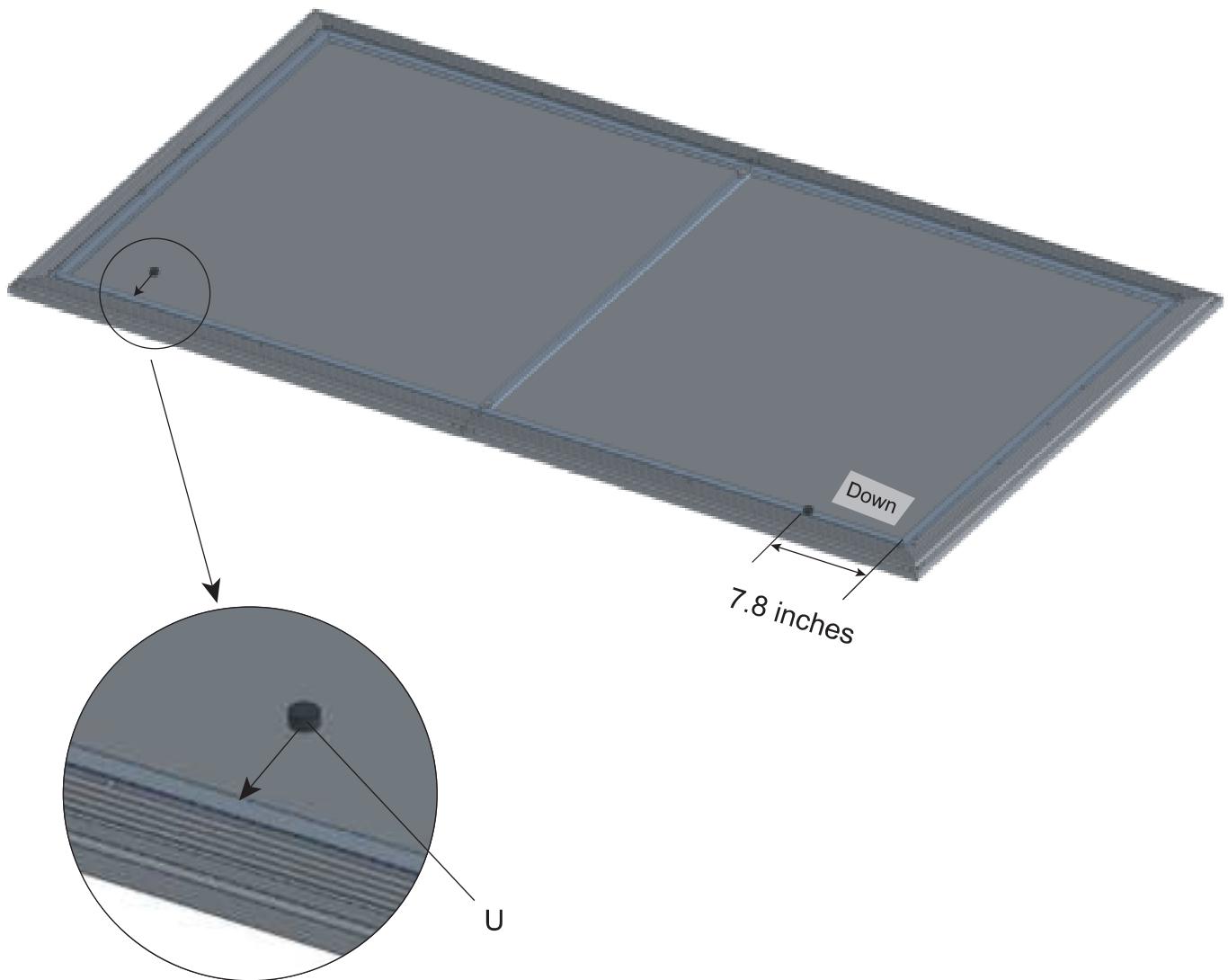
(III) Install the outer frame

After splicing the long side outer frames (Q1) and (Q2) with the outer frame connecting screws (S), slightly lift the inner frame to buckle the outer frame on the frame, and then splice the short outer frame (R) with the outer frame connecting corner piece (O).



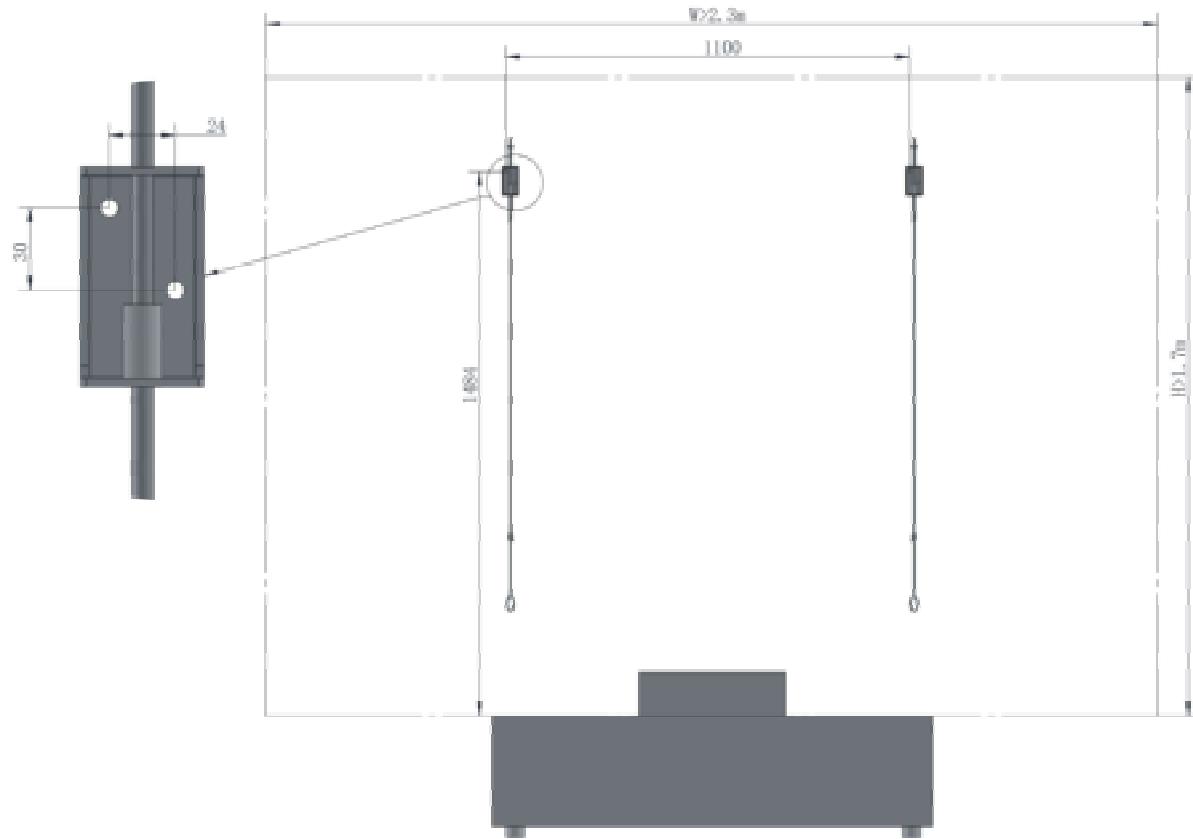
(IV) Paste cushion block

Tear off the release film on one side of the cushion block and paste the cushion block on the inner frame according to the position shown in the figure below. After the screen is hung on the wall, tear off the release film on the other side to fix the lower side of the screen with the wall.



(V) Install wall mounting bracket

1. According to the dimensions in the figure below, after drilling on the wall with φ8 drill, fix the wall hanging bracket on the wall by inserting the plastic expansion pipe (Z1) into the hole on the wall.



2. Tear off the protective films on the four corners of the screen. The screen stands upright, and the **Down** label on the back of the screen is at the bottom of the screen. After the screen is hung on the wall, rotate the adjusting rod to adjust the height of the screen to achieve the best display effect.

