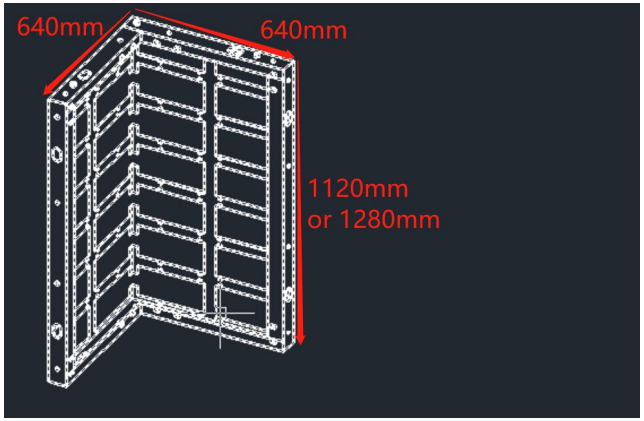
VIVISOMA

Installation Guidance for Indoor P2.5 column led project

Indoor column led display P2.5
Screen size: 5.12m*3.52m
Total cabinet quantity: 12pcs（4x3）
Screen Resolution: 2048*1408

C1	C2	C3	C4
B1	B2	B3	B4
A1	A2	A3	A4

Unfold Cabinets Layout (Front View）



Actual Cabinet Drawing(backside)

Note：
1. Install the cabinets according to the serial# as listed in above picture.
(Serial# mark in backside of each cabinet)

2. Unfold cabinet size of A1-A4 is 1280*1280mm, cabinet size of B1-B4 and C1-C4 is 1280*1120mm.

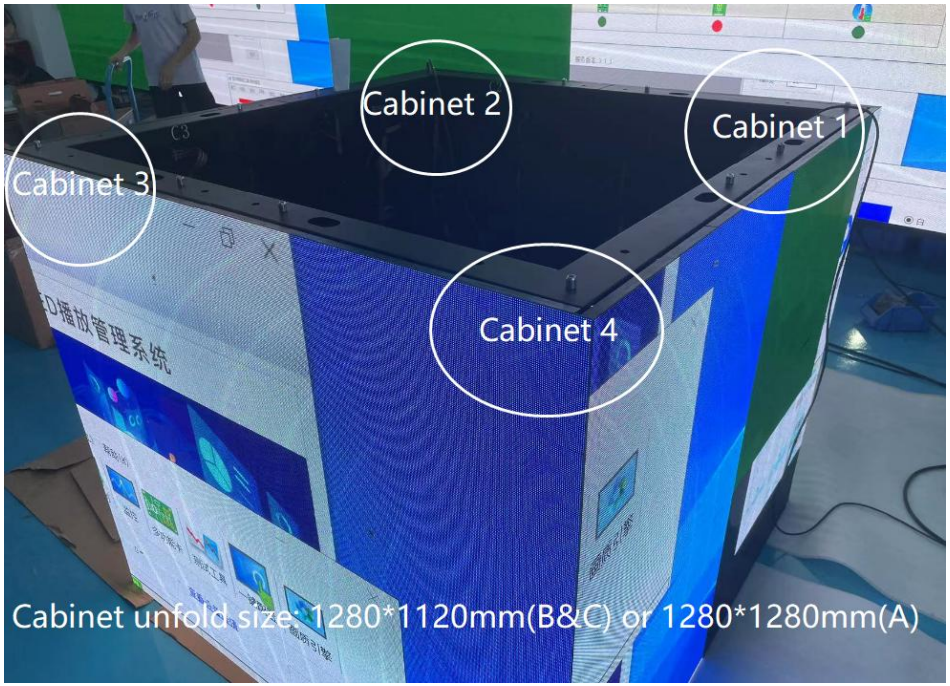
3. Power cable total 3pcs,each cable 3*2.5mm^2 loads 4cabinets in same row.

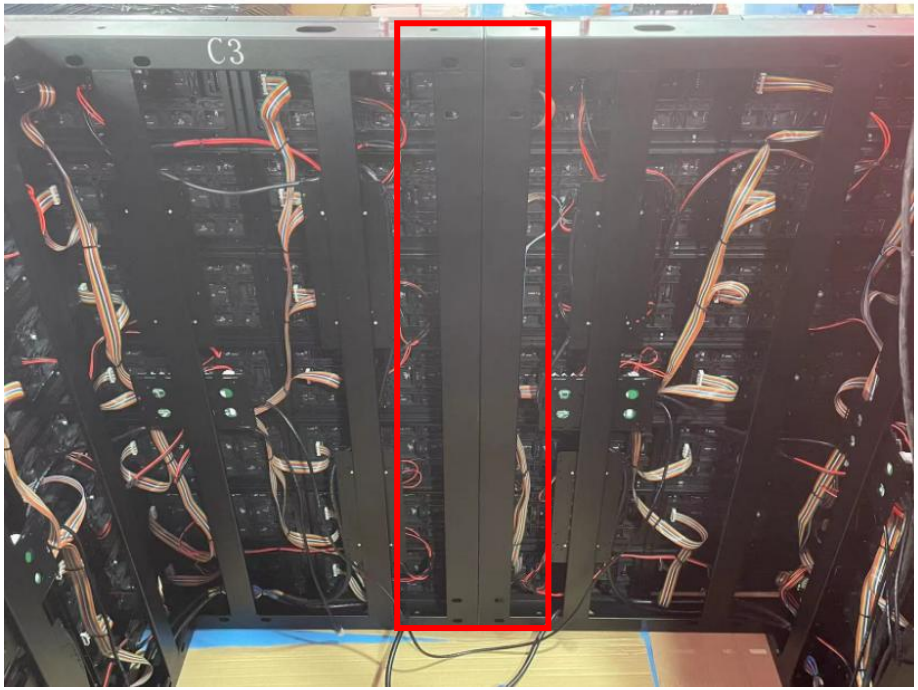
4. Total 6 lan cables will be used, each cable loads 4pcs of receiving cards. Each cabinet has 2 pcs of receiving cards.

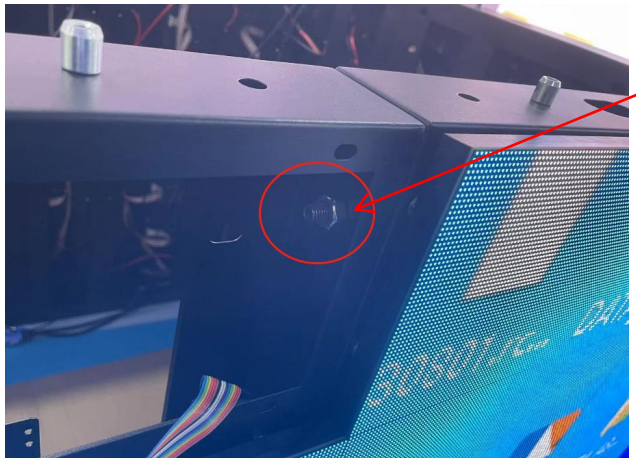
5. Pls be more careful when attaching modules on cabinets

Step 1
Bottom layer of cabinets installation

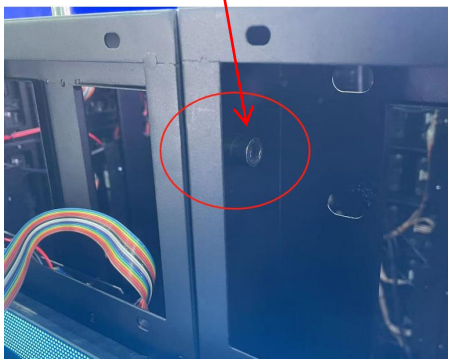
Install A1-A4 cabinets on bottom layer





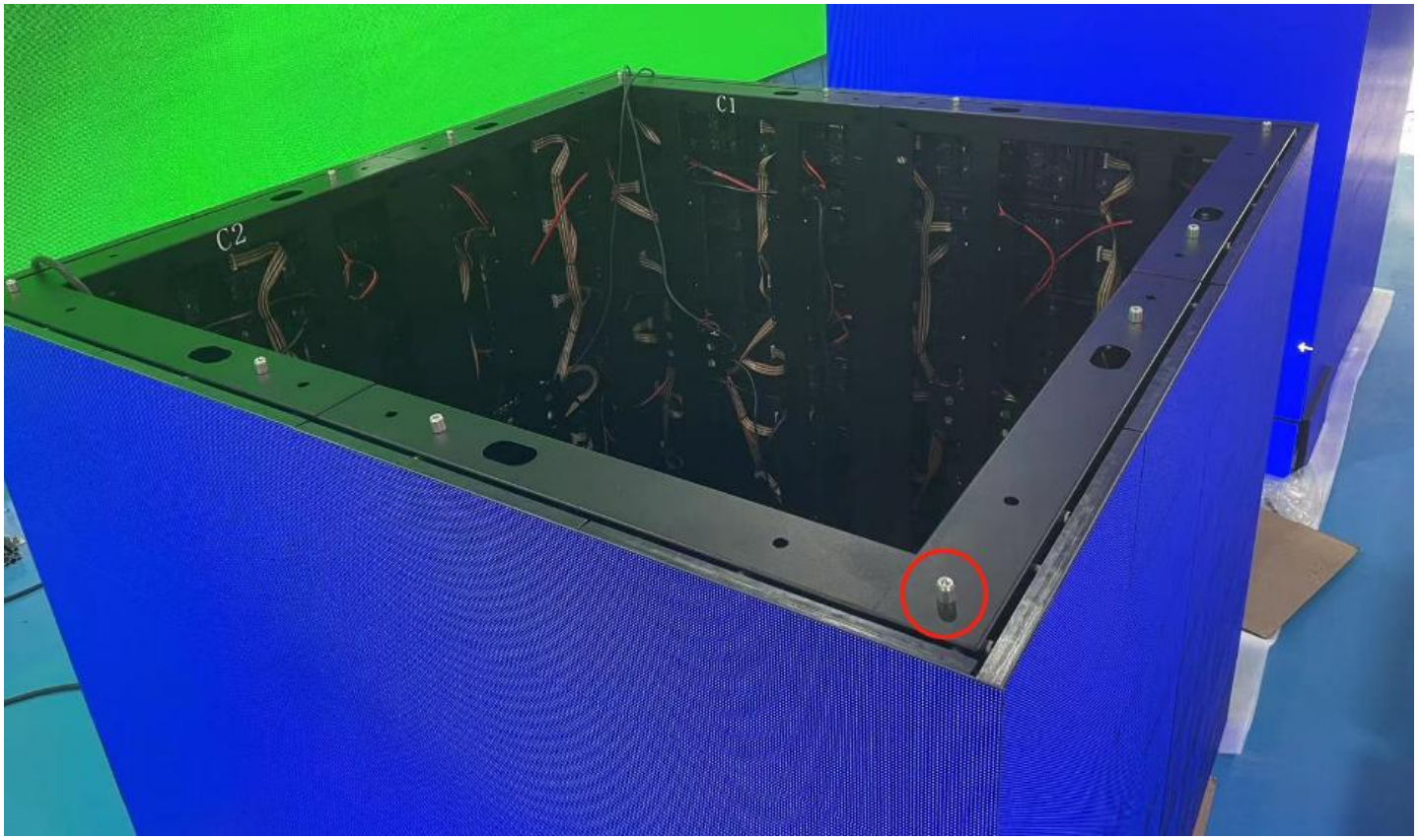


Total 4 screw holes in this area, fix adjacent cabinets by screws.

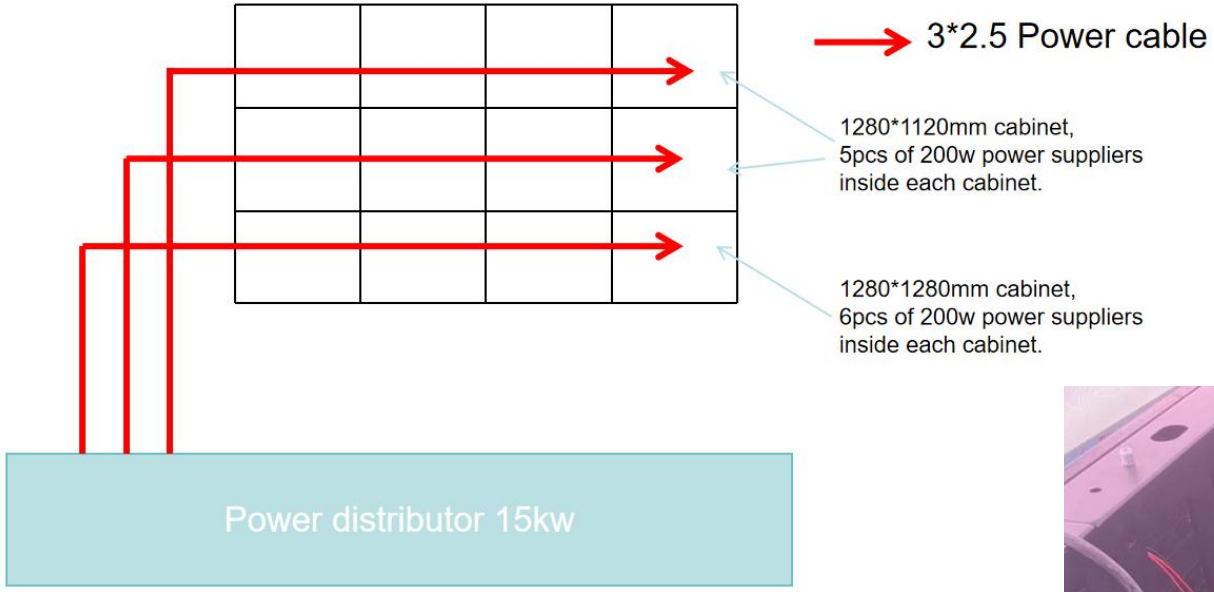


Step 2
B and C layer of cabinets installation

There are position columns on top of each cabinets,stack B&C layer of cabinets, make sure all the cabinets in the right places.

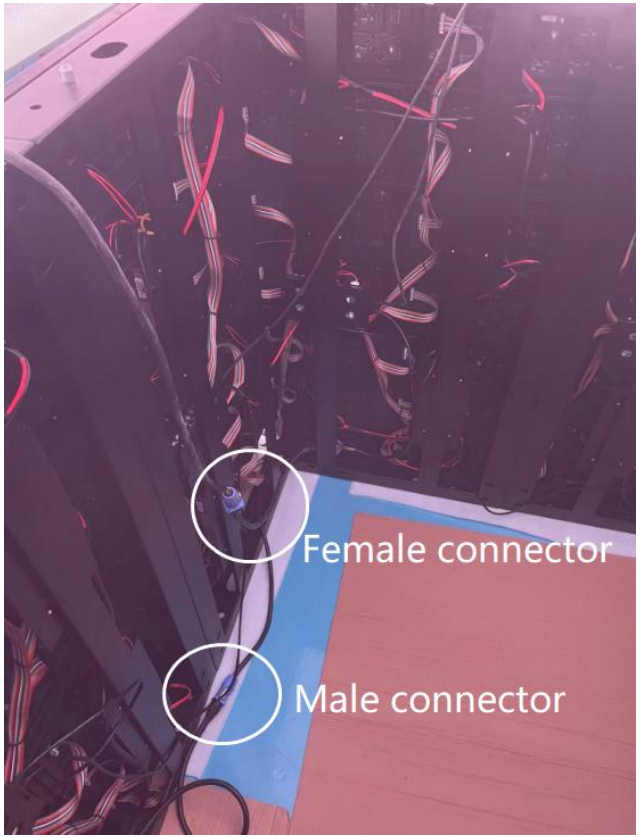


Step 3
Power cable connection

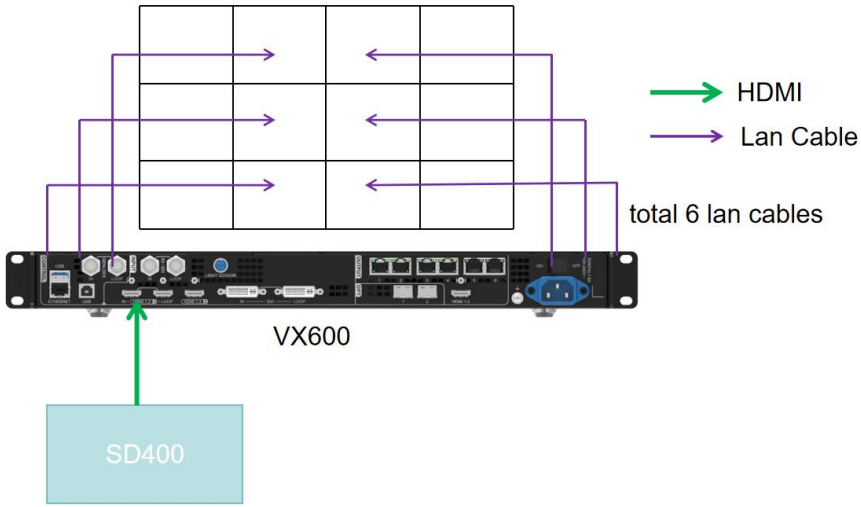


POWER CABLE DIAGRAM

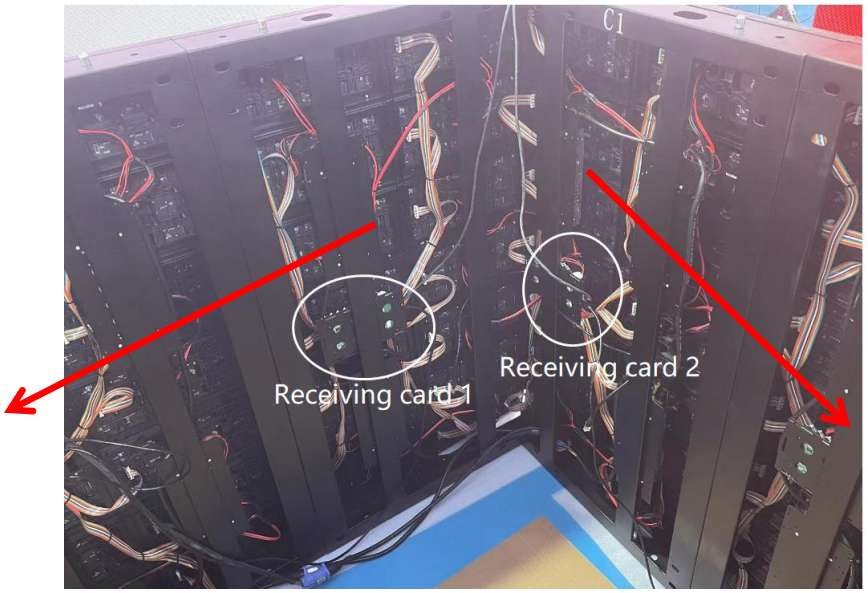
1. Each cabinet, we equipe with Male and Female power connectors. It is much easier for power connection between cabinets.
2. Main power cable's open terminal(screen side) can use redundant male connector of the last cabinet on same layer.



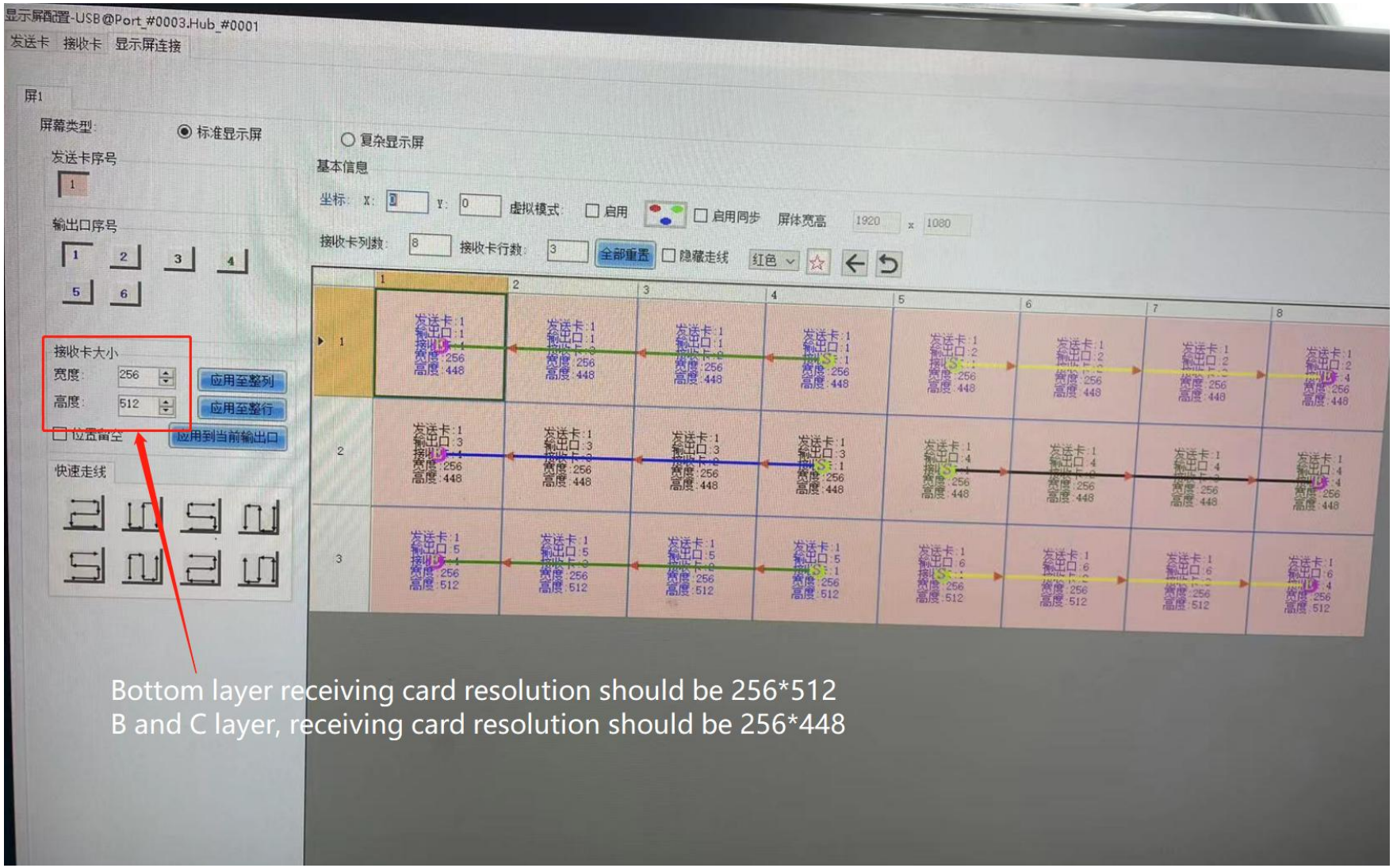
Step 4
Lan cable connection



SIGNAL CABLE DIAGRAM

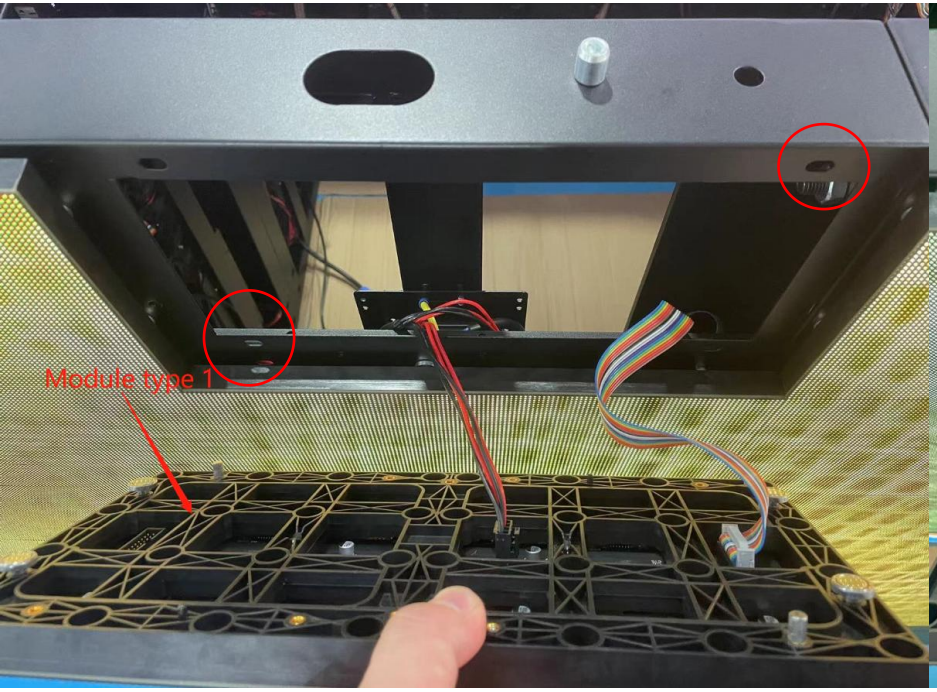


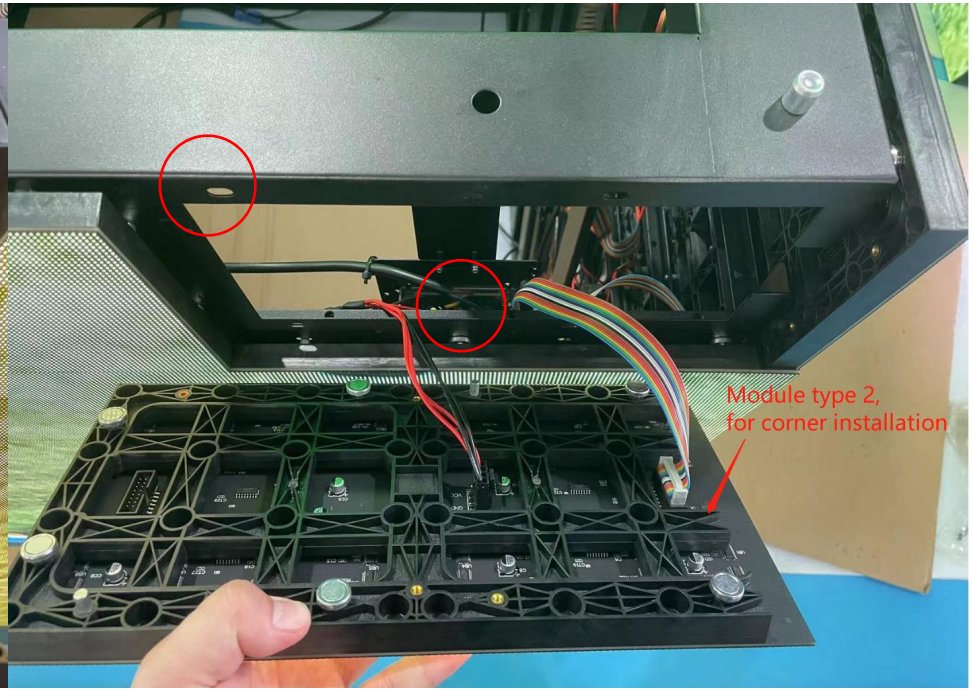
1. Each cabient has 2 receiving cards, select 1 cabinet, signal input starts from receiving card 1 and receiving card 2 in reverse direction.
2. Each lan cable loads 4 receiving cards only.
3. Set bottom layer’s receiving cards to 256*512.
4. Set B&C layer’s receiving cards to 256*448.



Bottom layer receiving card resolution should be 256*512
B and C layer, receiving card resolution should be 256*448

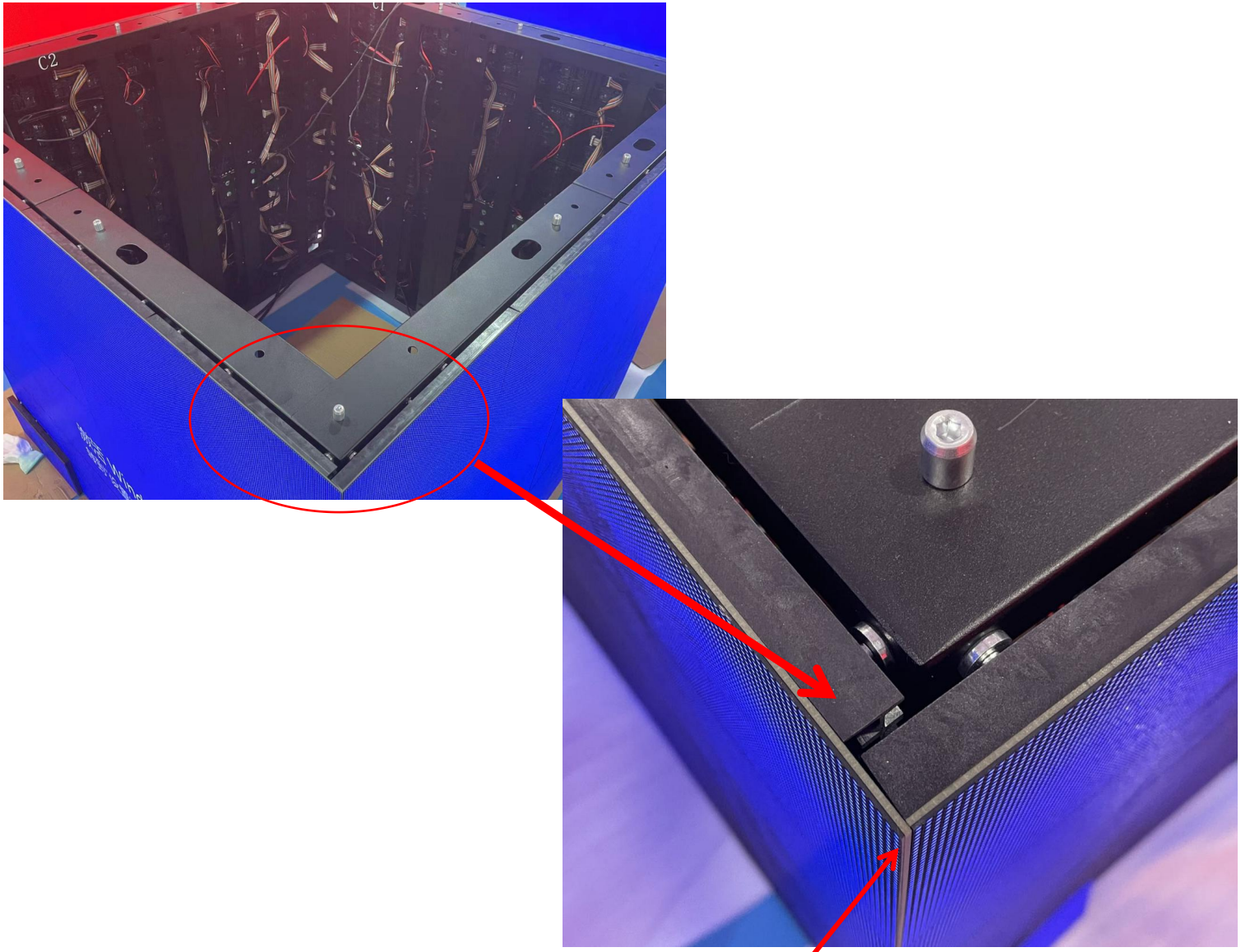
Step 5
Install the modules on cabients





1.Total we have 2 types of modules for 90° installation.
We cut part of the frame based on regular indoor P2.5 module.
2.There are position columns on backside of modules, and holes on front side of cabient accordingly.

Details of corners



lateral side of module type 2 should be kept the same surface as module type 1.