

EasyPLUS

Operation Guide



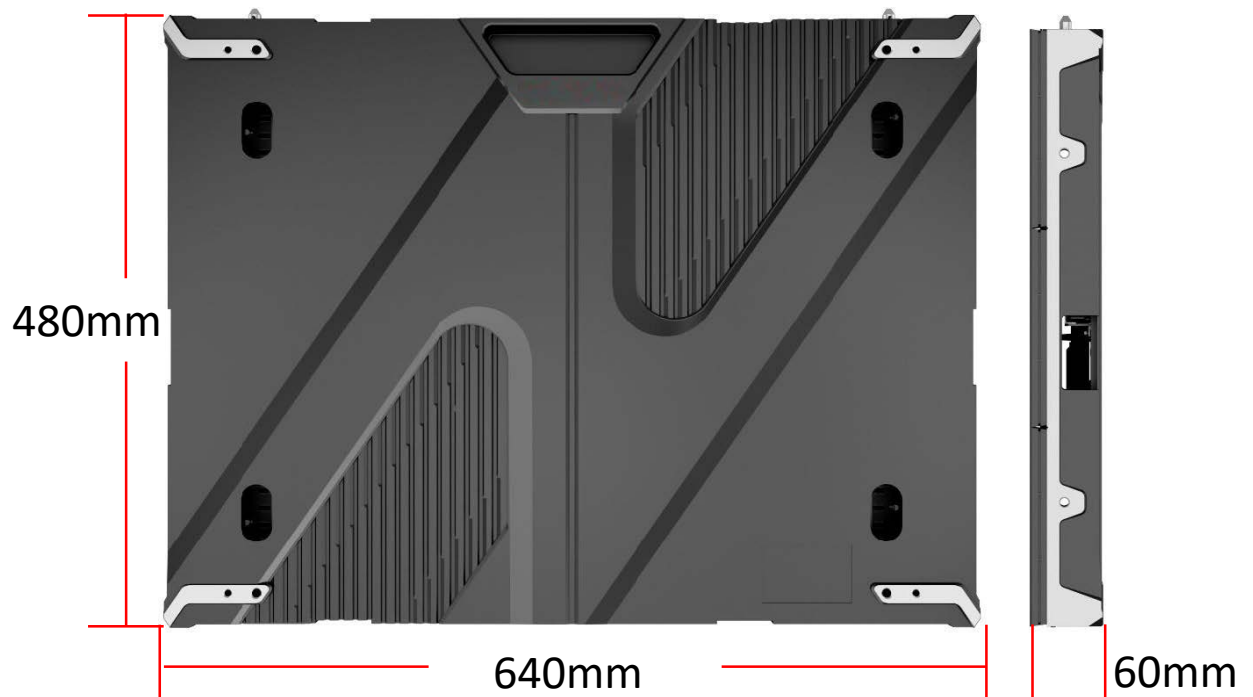
ego[®]
DISPLAY

MAINTENANCE GUIDELINES

Careful and regular maintenance is necessary to optimize the potential functional lifespan of the LED Video Panels.

1. Read the installation and operation instructions for correct operation of the LED Video Panels.
2. Although the LED Video Panels are designed and built to withstand some impact forces when installed correctly, take care to avoid impact damage when handling or transporting them, especially corners and edges, which are particularly frangible during transportation.
3. Check each LED Video Panel for loose screws and other fasteners.
4. If the LED Video Panel installation is fixed or displayed for a lengthy time, regularly inspect all connecting plates and installation equipment, and replace or repair it as necessary, and during long periods of non-use, disconnect the main power to the unit.
5. Use necessary ESD (electrostatic discharge) precautions when handling LED Video Panels, especially the LED screens, as they are ESD sensitive and easily damaged from ESD exposure.
6. The Null Line and Live Line connections from the computer and control system cannot be reversed and should therefore only be connected in original layout order.
7. If the GFI (Ground Fault Interrupt) breaker-switch trips often, check the display or replace the power-supply switch.
8. When operating the LED Video Panels, power the computer before powering the LED Video Screens; conversely, when shutting down after operation, turn the LED Video Panels off before turning off the computer. If the PC is turned off first, a high intensity brightness might appear, causing catastrophic failure to those LEDs.
9. If while conducting an electrical test a circuit shorts, a breaker-switch trips, wires burn, and or any other abnormality appears, discontinue testing and troubleshoot units to find the problem before continuing with any testing or operation.
10. To ensure consistent operation, it might be necessary to learn operating parameters for installation, data recovery, backup, controller settings, and basic data preset modification.
11. Regularly check computer for any viruses and remove any irrelevant data.
12. Remove any moisture found inside or outside of any LED Video Panels before dismantling video installation and returning them to their optional flight cases (sold separately). Ensure flight cases are free of any moisture, using a fan to dry them if necessary, and avoid ESD generating friction when returning LED Video Panels.
13. The LED Video Panels are within its IP40/IP21 rating parameters (front/ rear), limit or remove any unit exposed to moisture, condensation, or humidity, and consider using air conditioning where available.
14. When not in use, store LED Video Panels in a dry, well ventilated facility.

PANEL OVERVIEW



Positioning Pin

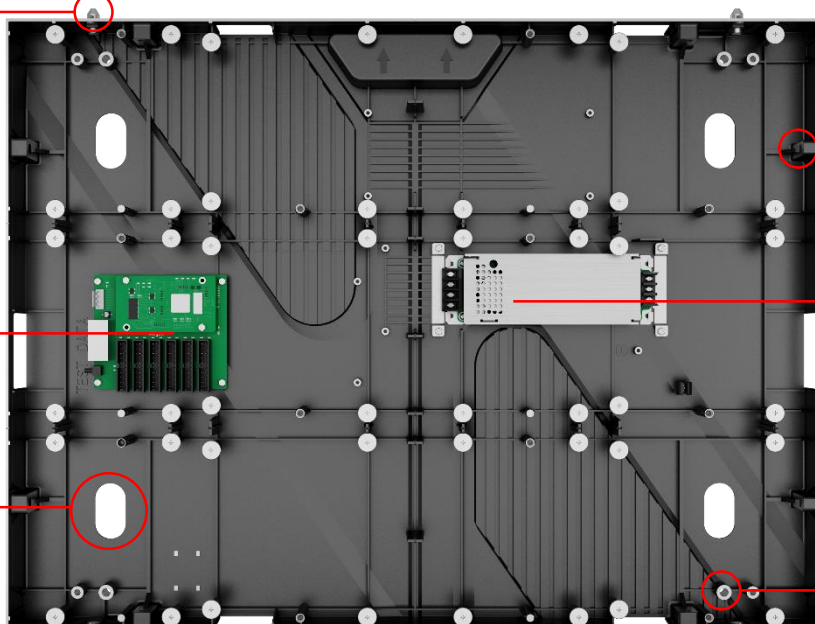
HUB Board

Wall Mounting Hole





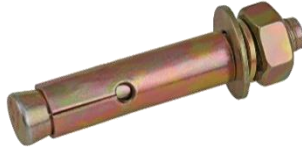


Captive Screws Holes

Power Supply

Structure Connection Hole

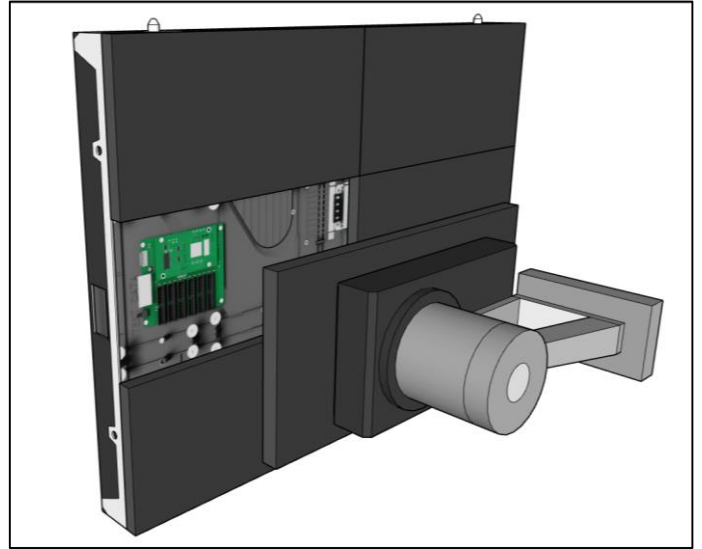
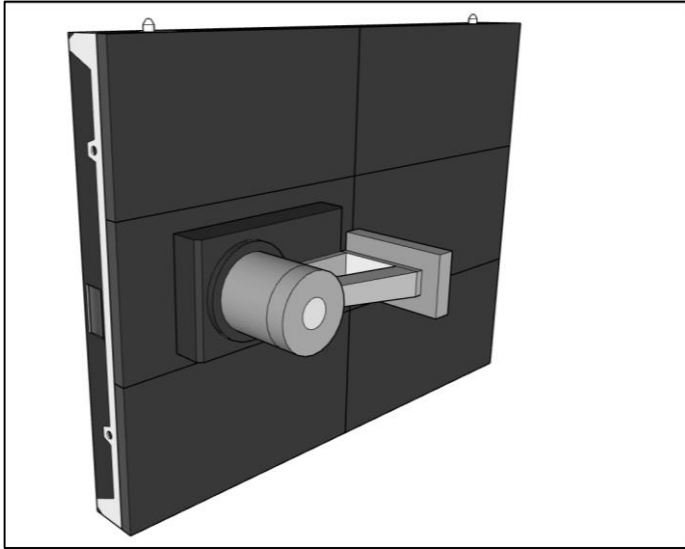


PARTS LIST

	Descriptions	Specs	Pictures
Maintenance	Vacuum Maintenance Tool		
	Screwdriver		
Installation	Laser Level		
	Drill		
	Expansion Bolts		
	Hex Wrench		
	Adjustable Spanner		

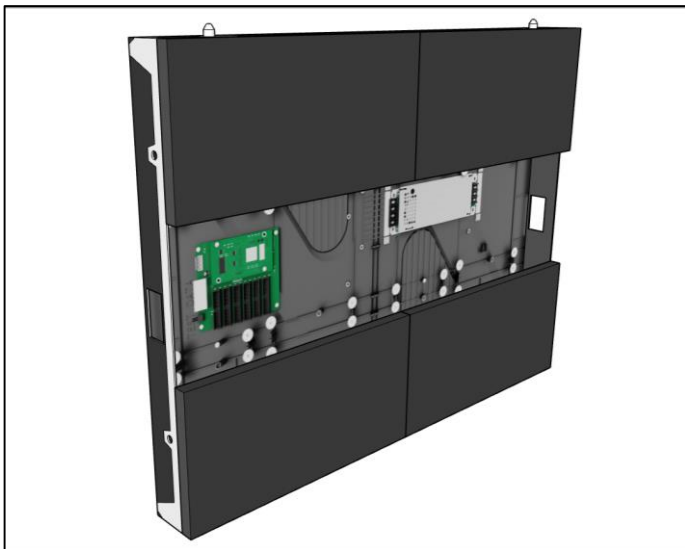
FRONT MAINTENANCE

1. MODULES MAINTENANCE



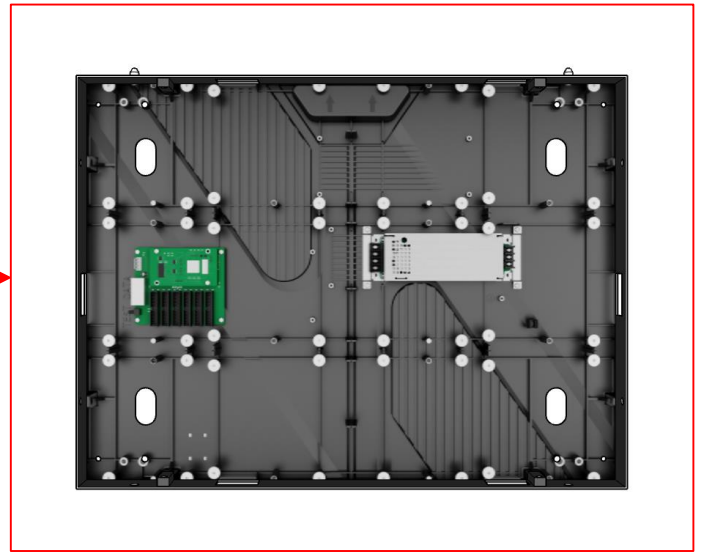
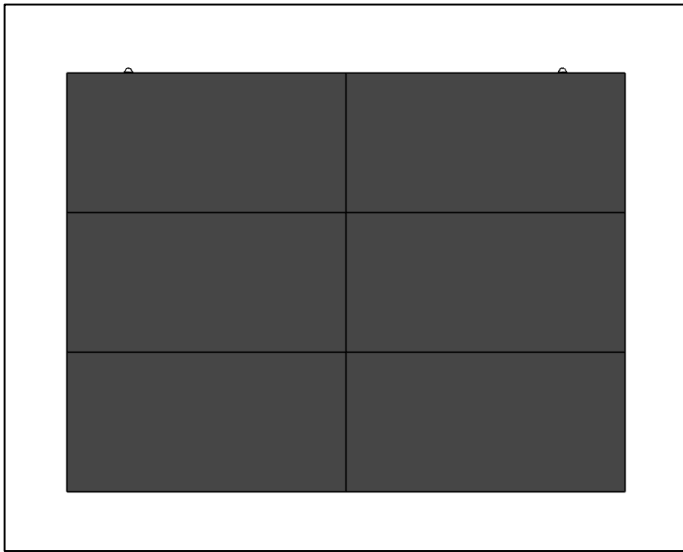
1. Remove the problem module by vacuum maintenance tool then replace a good module.

2. POWER BOX MAINTENANCE

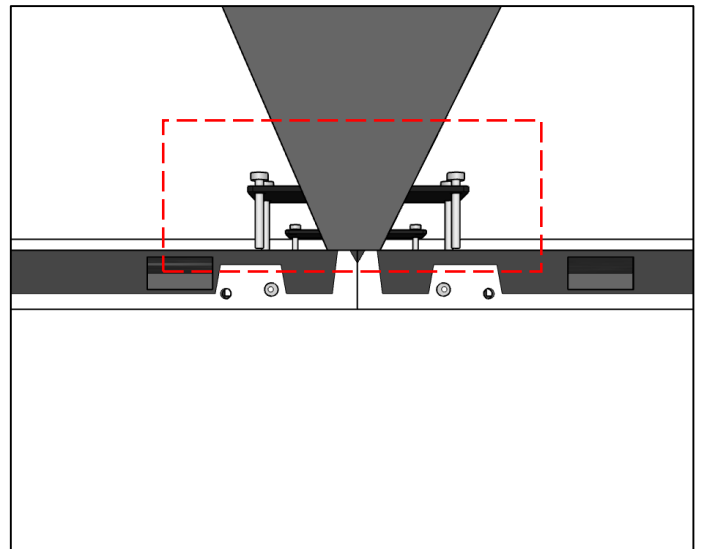
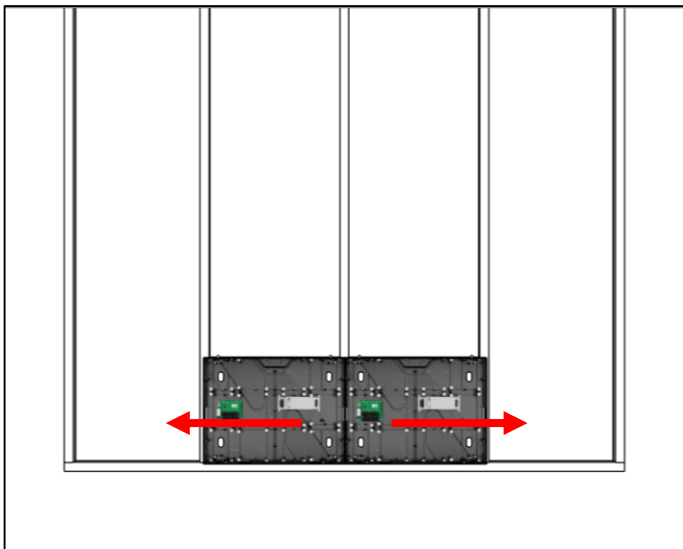


1. Remove the modules which in middle position, then replace the receiving card / HUB board / power supply by releasing screws.

FRONT INSTALLATION



1. Remove the modules of all cabinets before installation.

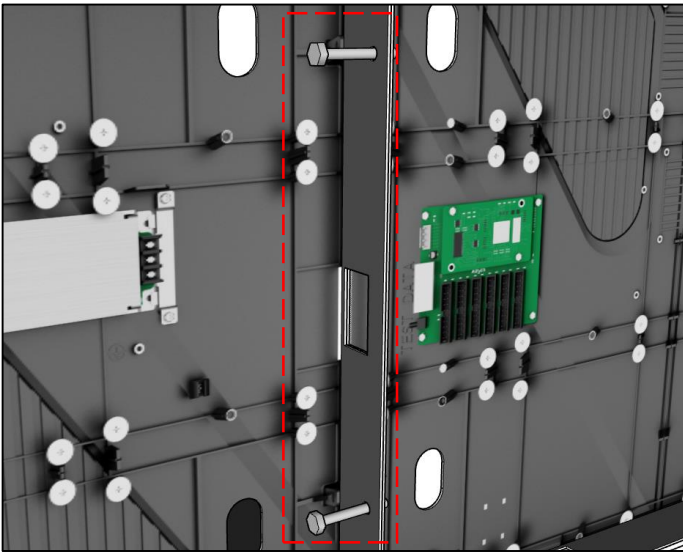


2. Place the cabinets on the beam at the bottom of steel structure.

Recommend to install the cabinets from middle, reduce the install error.

3. Observe and adjust the flatness then fix the cabinets to steel structure with screws and connection plate.

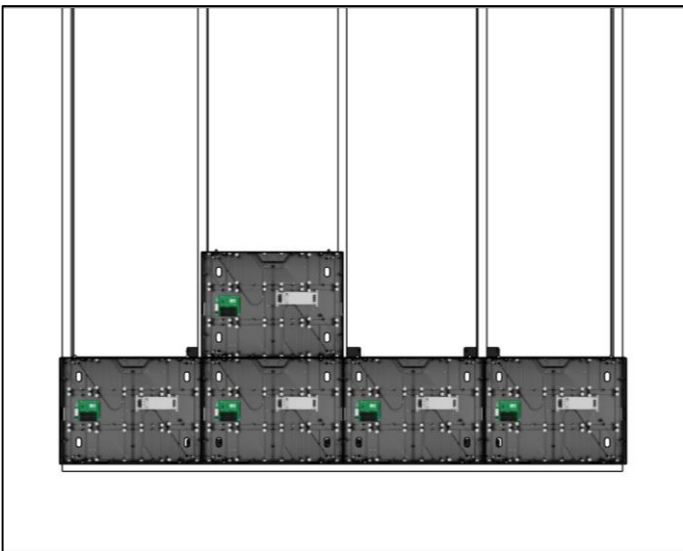
FRONT INSTALLATION



4. Observe and adjust the flatness then connect the two adjacent cabinets with screws.

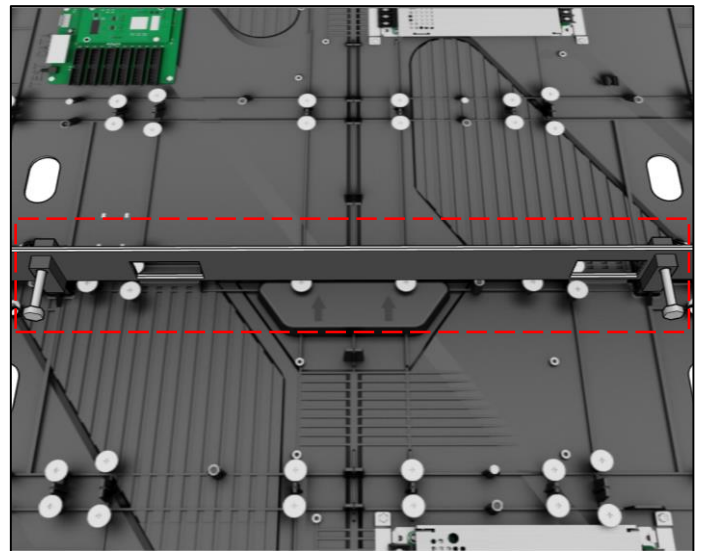


5. Repeat the previous steps to install the first layer cabinets. Please check and adjust the flatness while installing.



6. Place the second layer cabinets on the first layer cabinets.

Recommend to install the cabinets from middle, reduce the install error.

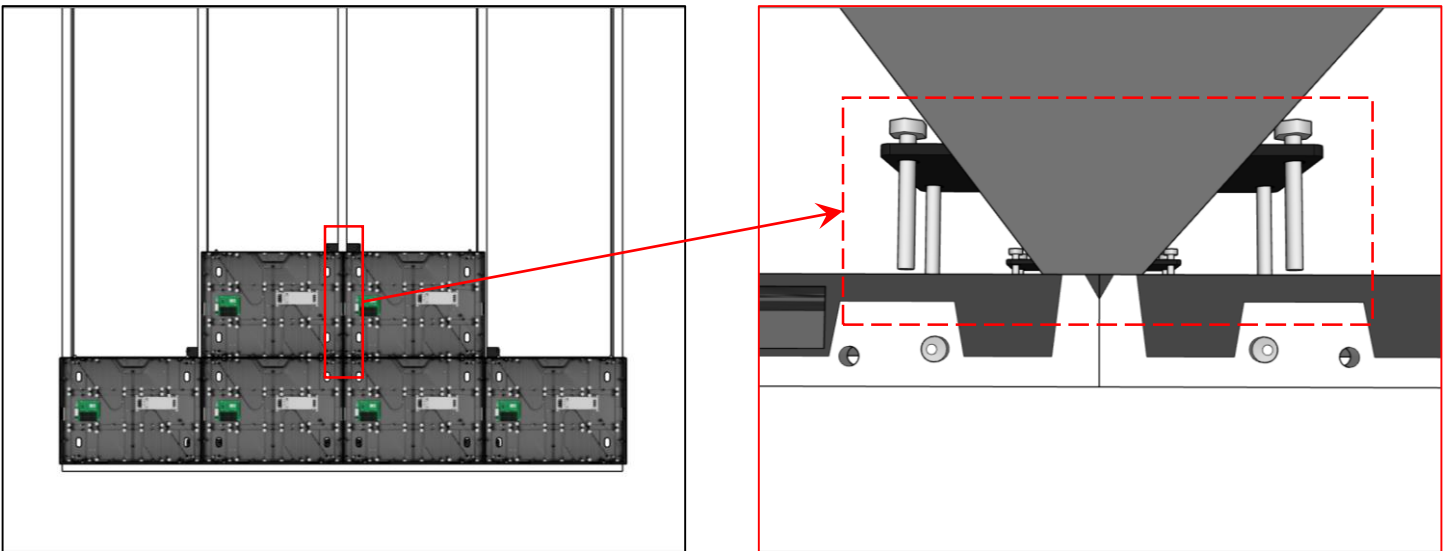


7. Observe and adjust the flatness then connect the cabinets with screws.

FRONT INSTALLATION

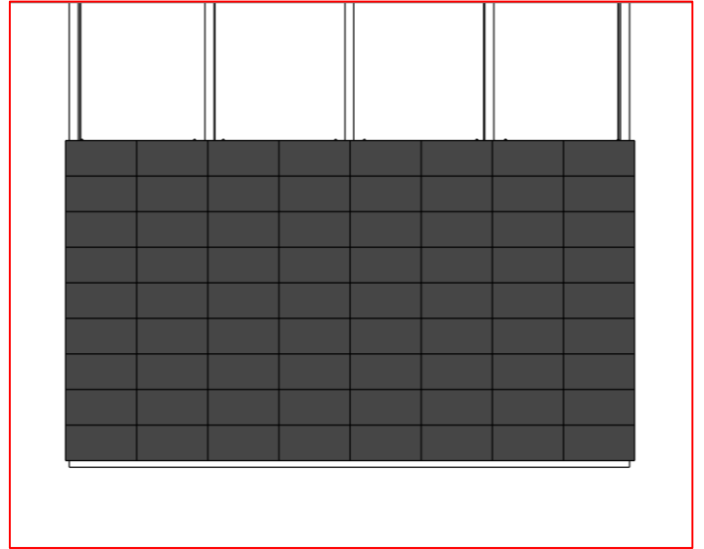
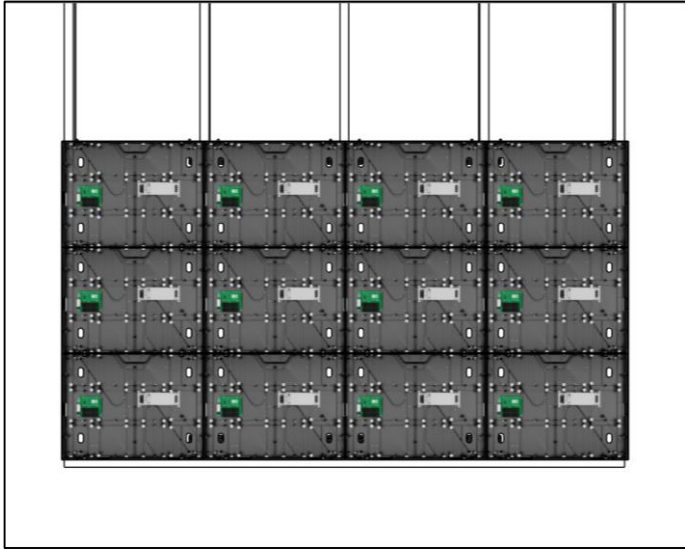


8. Observe and adjust the flatness then connect the adjacent cabinets.

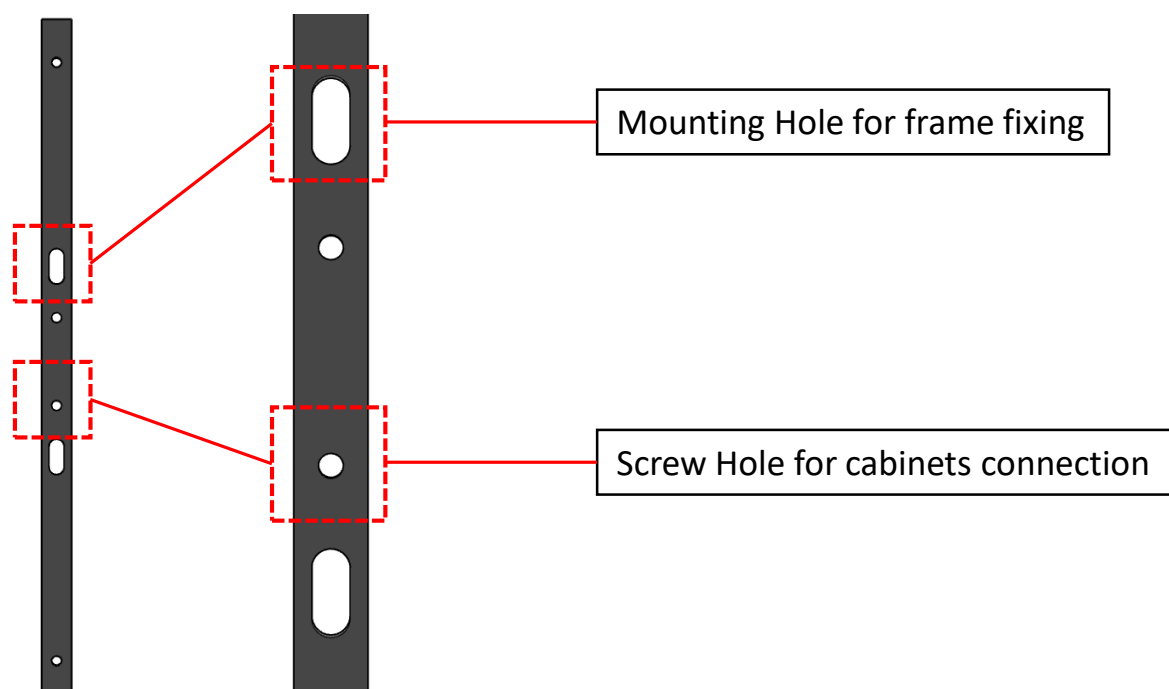
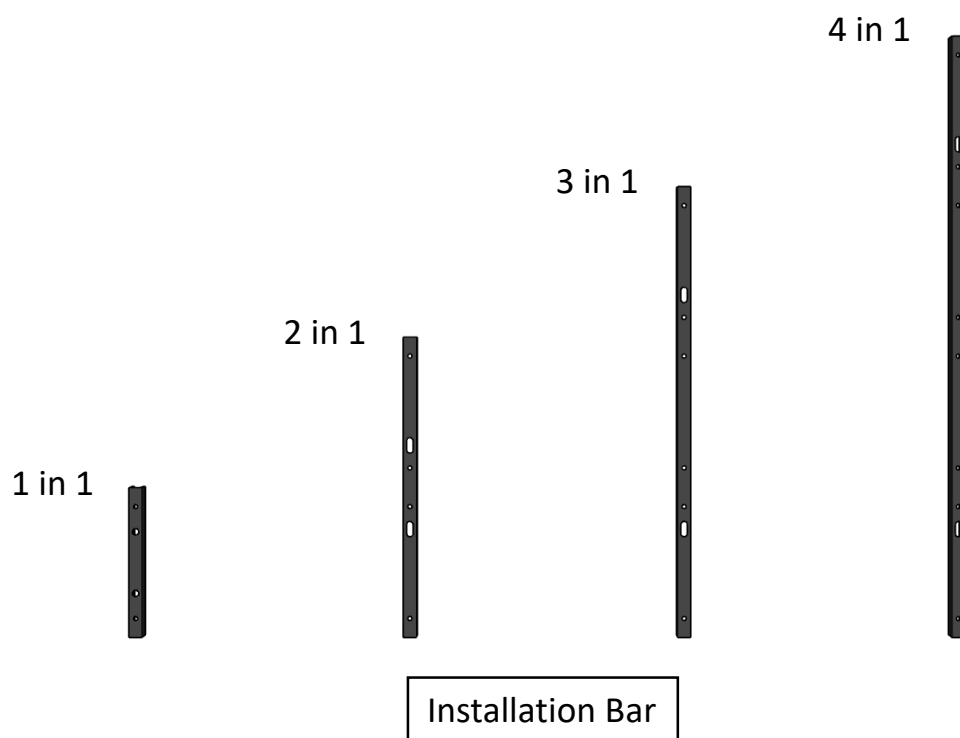


9. Fix the cabinet to steel structure with screws and connection plate.

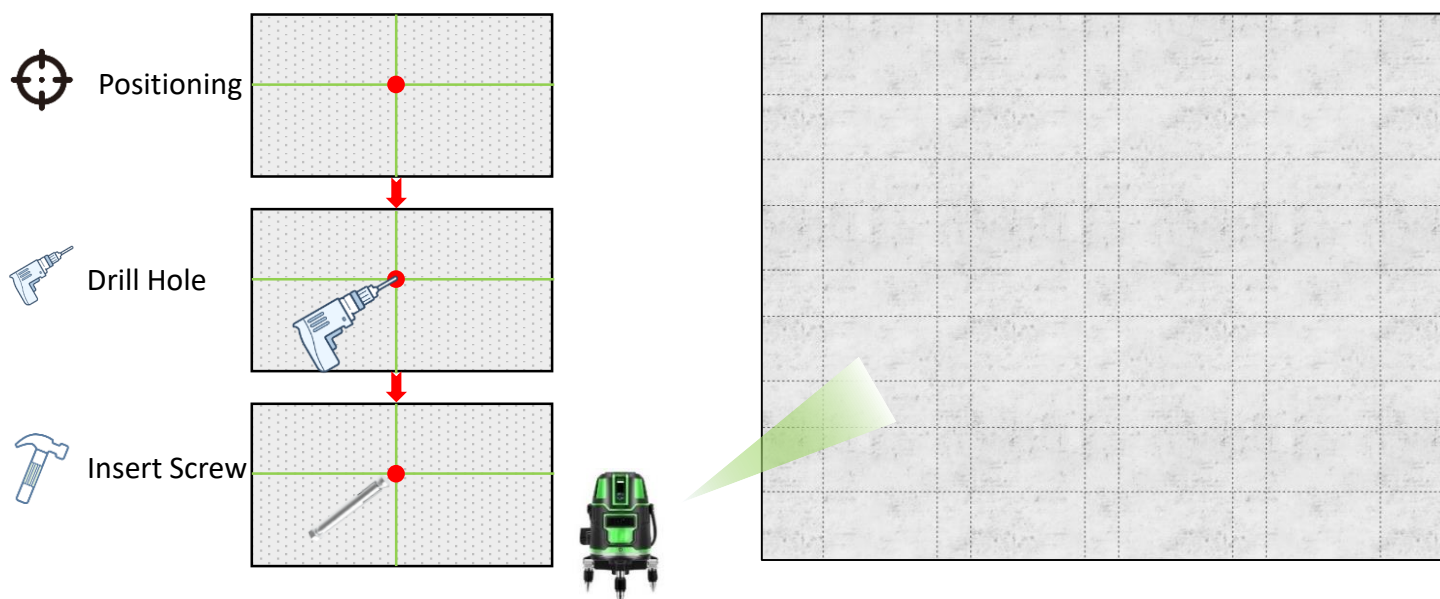
FRONT INSTALLATION



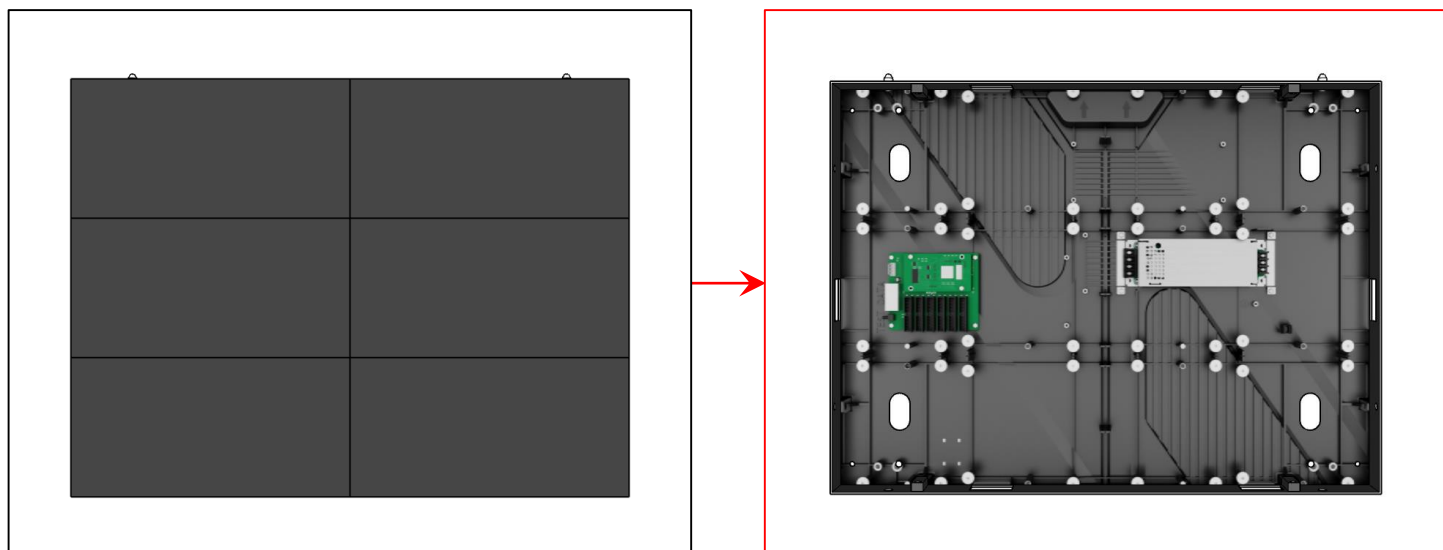
10. Repeat the previous steps to install the remaining cabinets. Connect the power cables and data cables then assemble the modules to complete the installation.



WALL MOUNTING

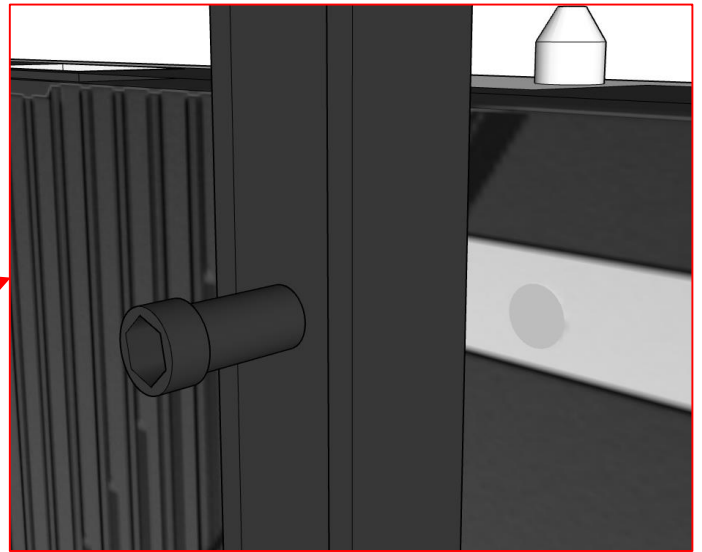
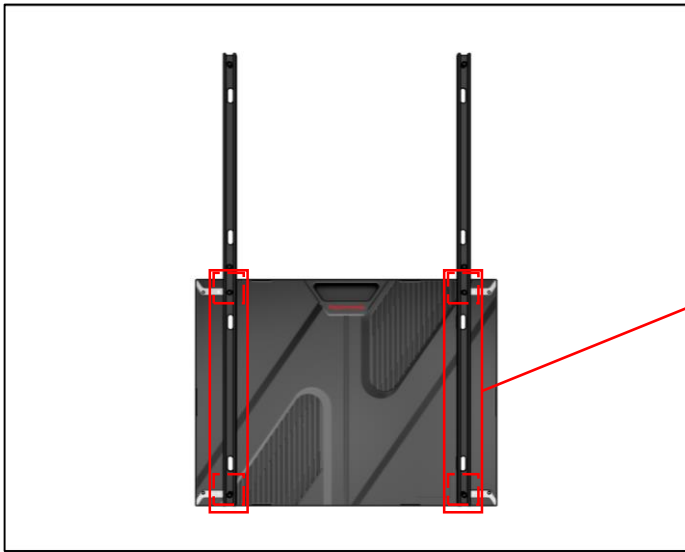


1. Mark the dimension on the wall then drill holes and insert the expansion screws.

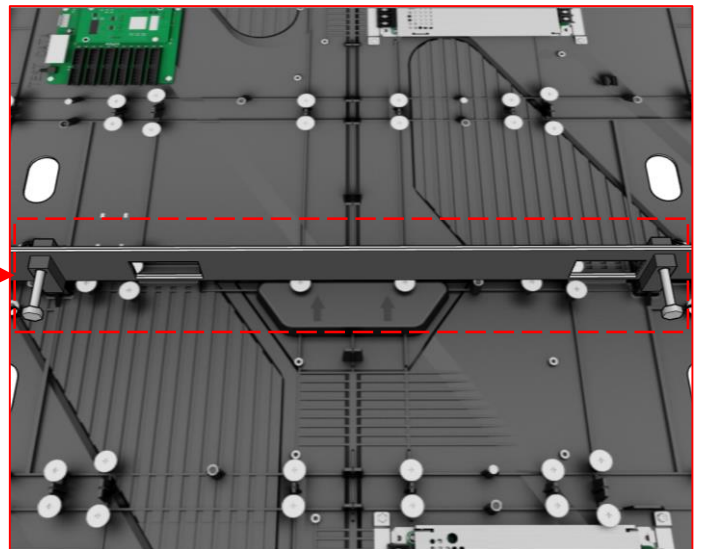
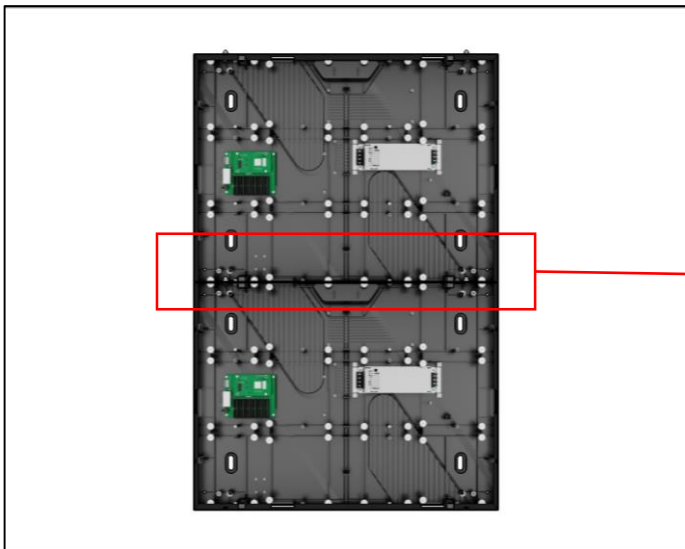


2. Remove the modules before installation.

WALL MOUNTING

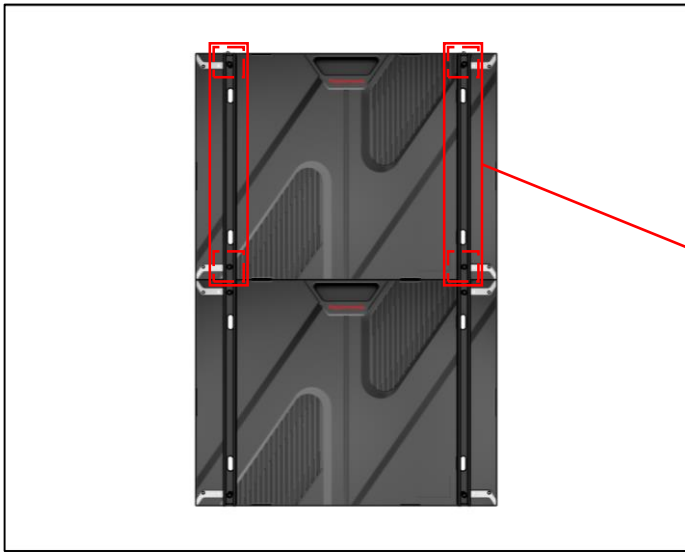


3. Connect the mounting bar with cabinet by screws. There are 4 screws for each cabinet.

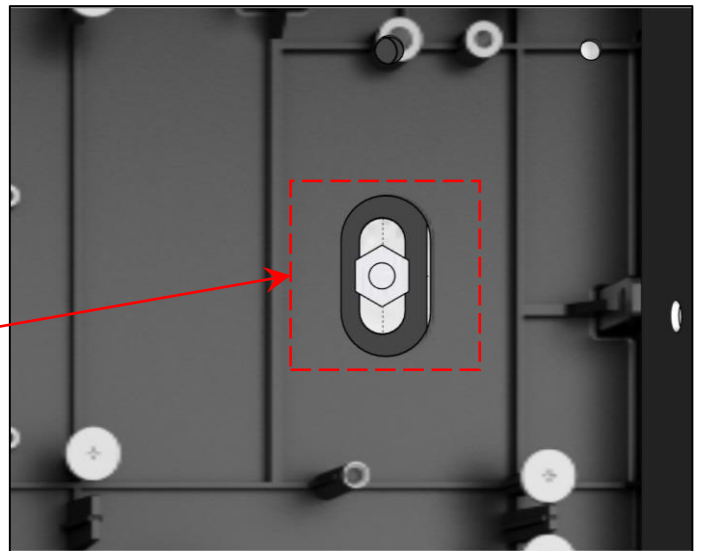
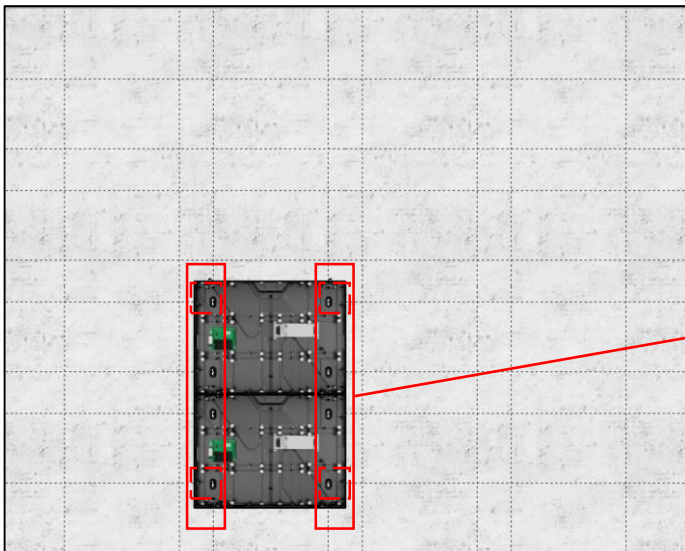


4. Place the second layer cabinet on the first layer. Observe and adjust the flatness then tighten the screws to connect them.

WALL MOUNTING

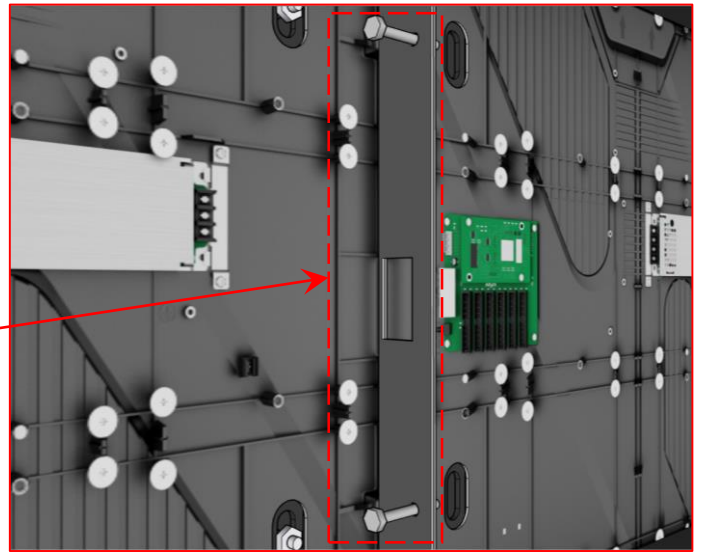
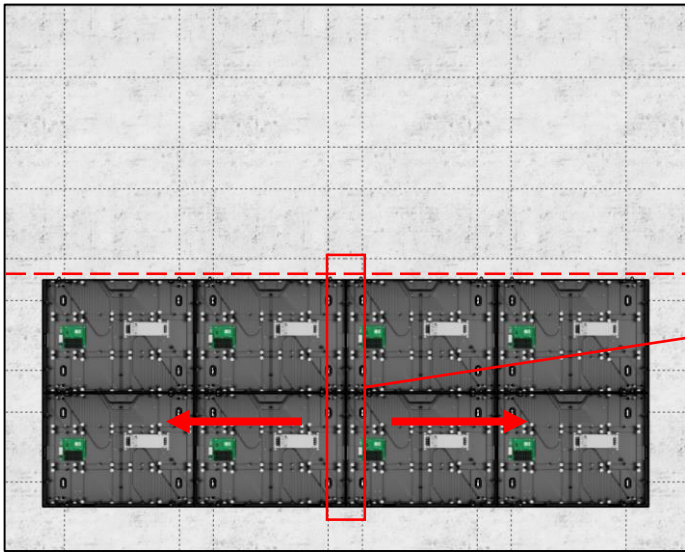


5. Connect the mounting bar with second layer cabinet by screws.

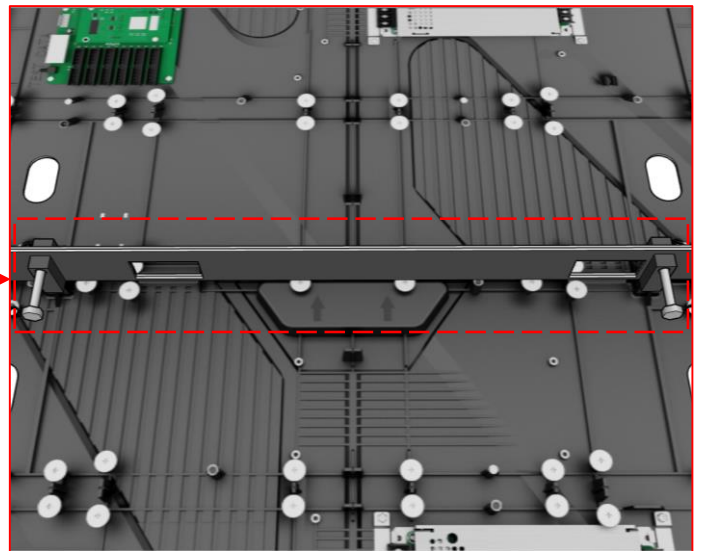


6. Fix the cabinets and mounting bar to the wall by tightening the bolts.
Every set of cabinets need to be fixed to the wall by tightening the bolts.
Recommend to install from middle to reduce the error.

WALL MOUNTING

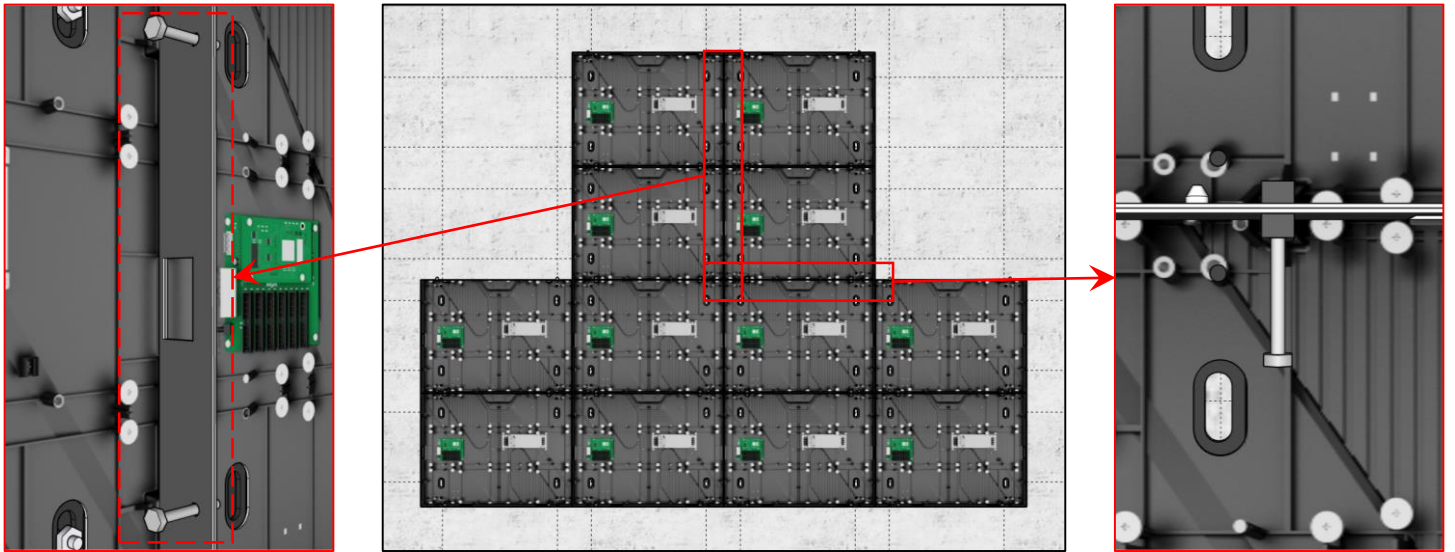


7. Make sure the other cabinets are on the same level then fix them to the wall by tightening bolts. Observe and adjust the flatness then tighten the screws to connect the adjacent cabinets. Hand tight is enough.

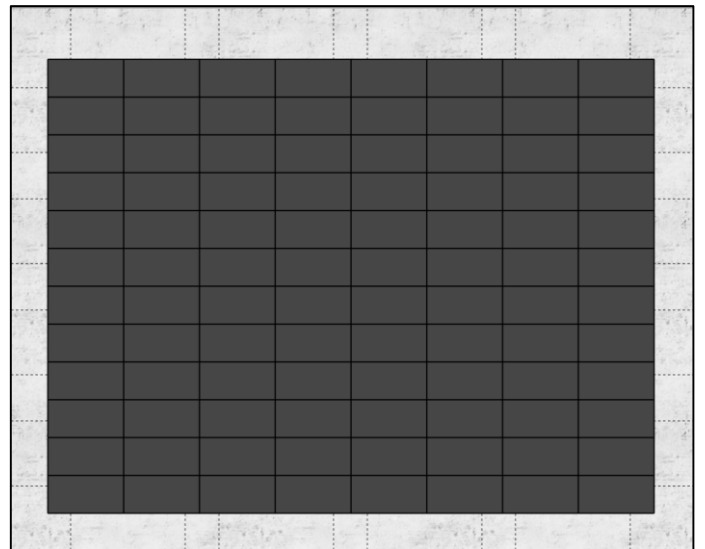
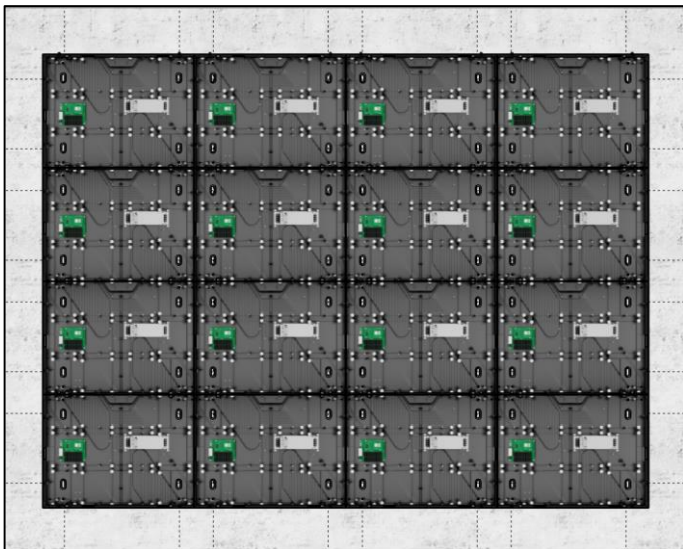


8. Place the second layer cabinets on the first layer, observe and adjust the flatness then tighten the screws to connect them. Then fix the cabinets and mounting bar to the wall by tightening the bolts. Hand tight is enough.

WALL MOUNTING



9. Repeat the previous steps to fix the next cabinet to the wall by tightening bolts. Observe and adjust the flatness then tighten the screws to connect the adjacent cabinets. Hand tight is enough.



10. Repeat the previous steps to fix the other cabinets to the wall. Then connect the cables and install the modules to complete the installation.