

Installation Guide

SBTL500 Series

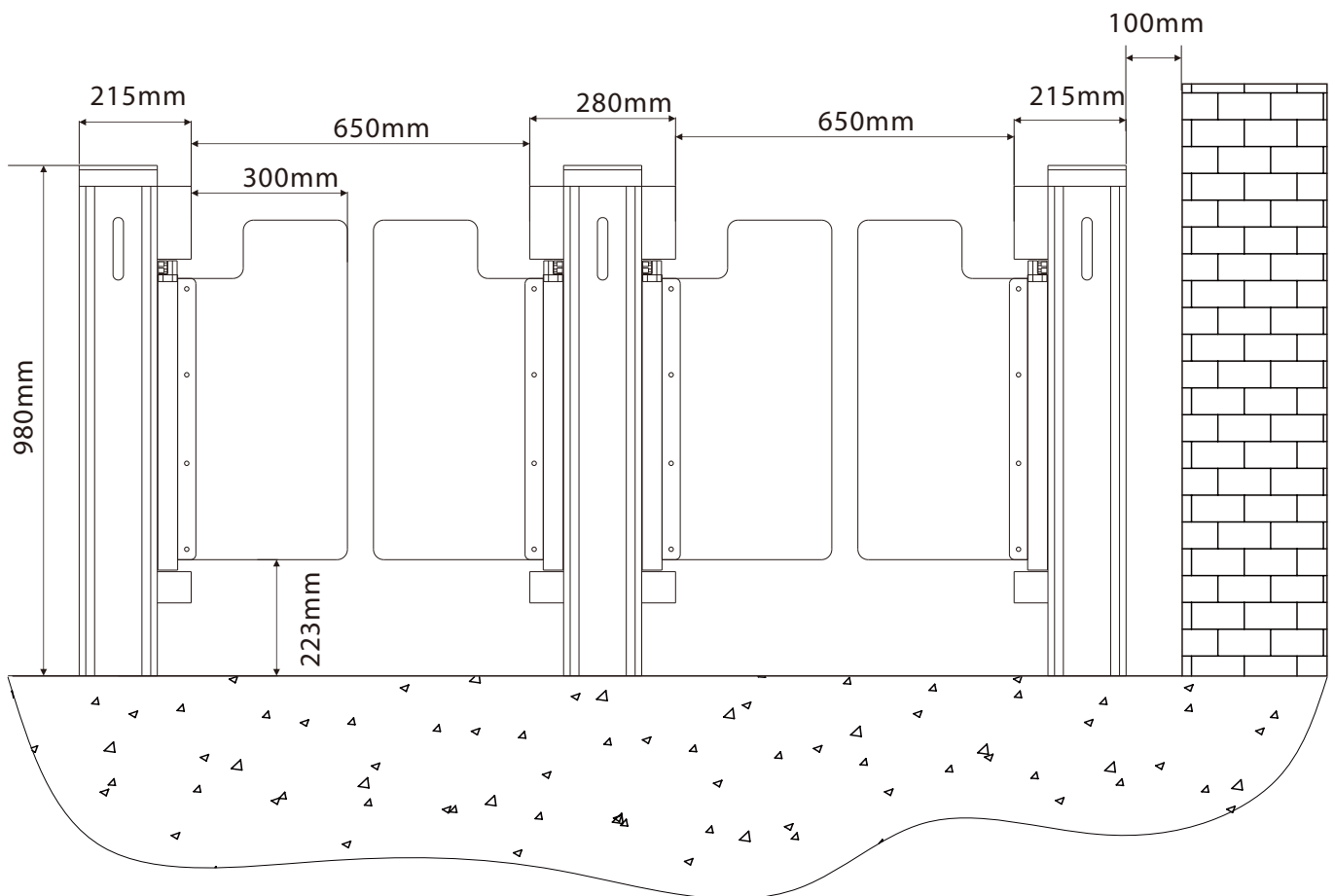
Version: 1.0

1 Installation Requirements

1. It is recommended that the device must be installed on a horizontal solid platform with a height of 50mm to 100mm.
2. It is also recommended that the device should not be used in the corrosive environment.
3. Make sure the ground wire of the system is reliably connected to avoid personal injuries or other accidents.
4. After installation, check if the connection has been done correctly at the connecting points of the ground wire, at the connector assemblies and wiring points of the circuits, as well as at each movable part of the device. Any loose nuts, screws and other fasteners should be tightened in time to avoid any failures caused by long-time operations.

2 Installation Environment

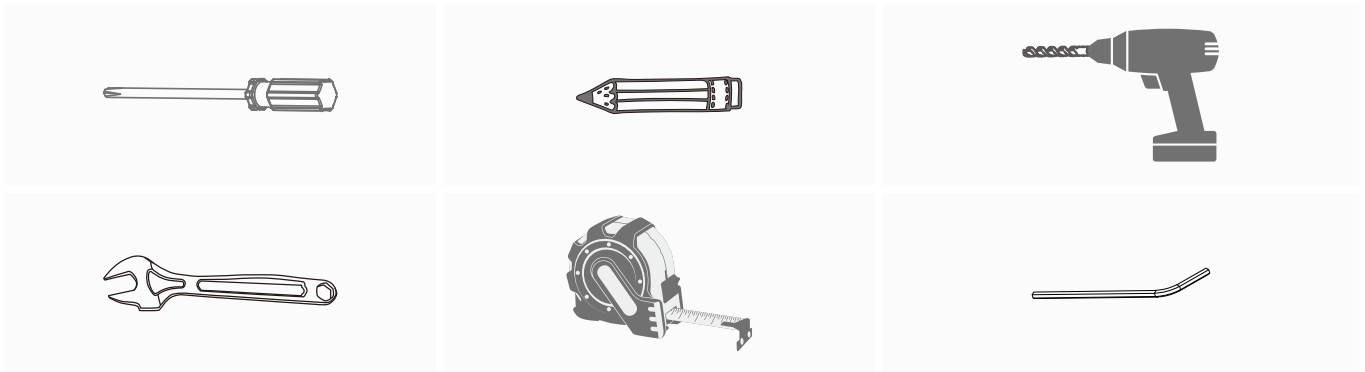
The installation position of the device depends on its size. A distance of 100mm between the device and the wall needs to be reserved for ease of opening the top lid of the device to perform maintenance and adjustment. The reference figure is shown below:



3 Preparation

To install the device you must have:

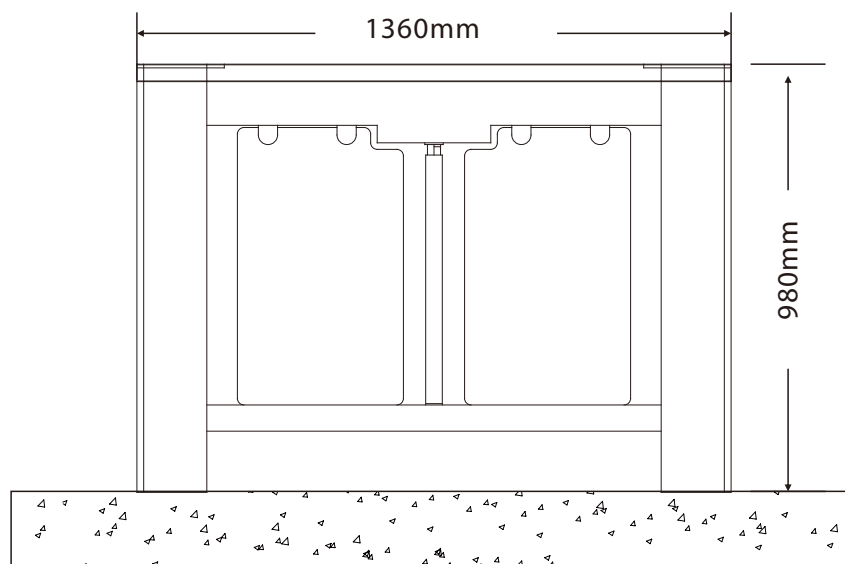
- **A Screwdriver:** To remove or install the screw on the device.
- **A Pencil:** To mark the device size and the screw hole.
- **A Electric Drill:** To drill holes in accordance to the marked screw holes.
- **A Wrench:** To secure the M12 expansion screw on the device.
- **A Tapeline:** To measure the dimensions that need to be measured during the installation of the device.
- **A Hex Wrench:** To remove or install the screw on the device.



Note: Except for the hex wrench, all other tools should be prepared on your own.

4 Installation

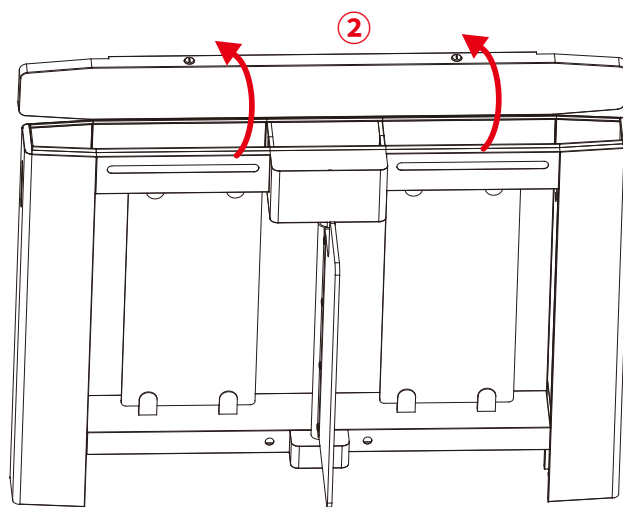
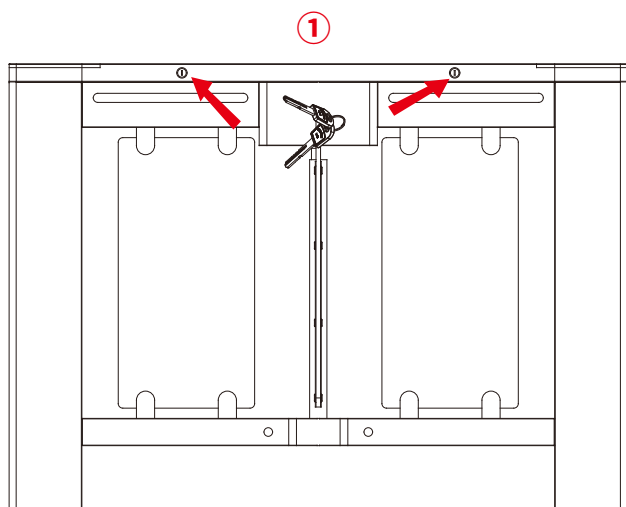
1. Place the device to the installation site.



2. Use the key open the top lid.



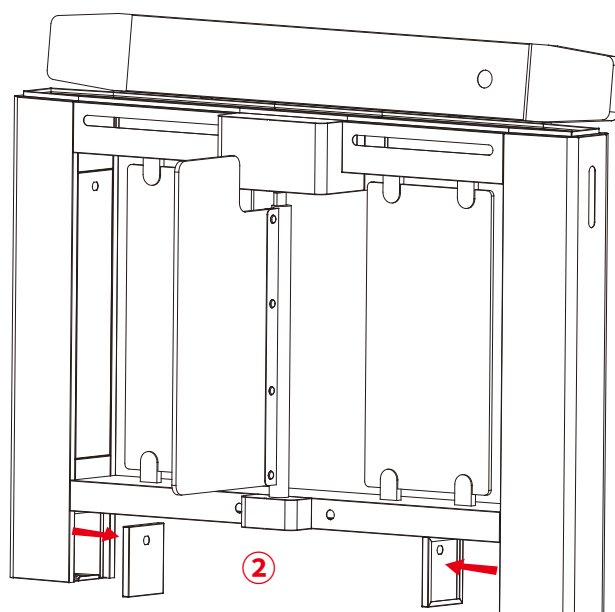
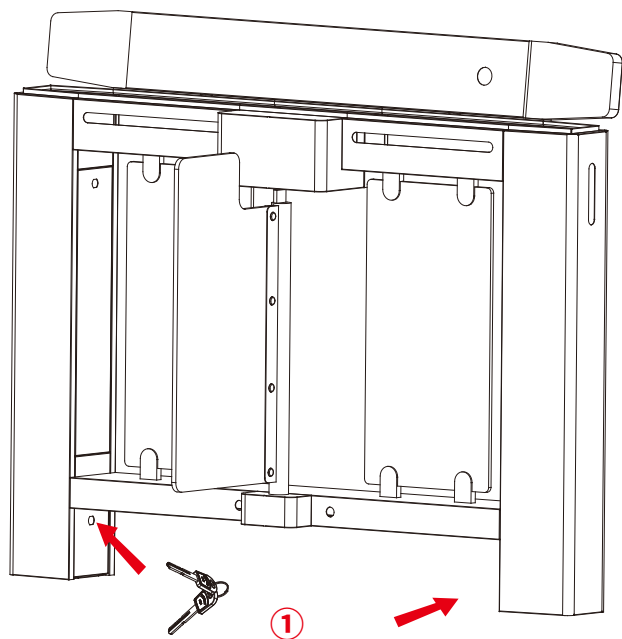
Key



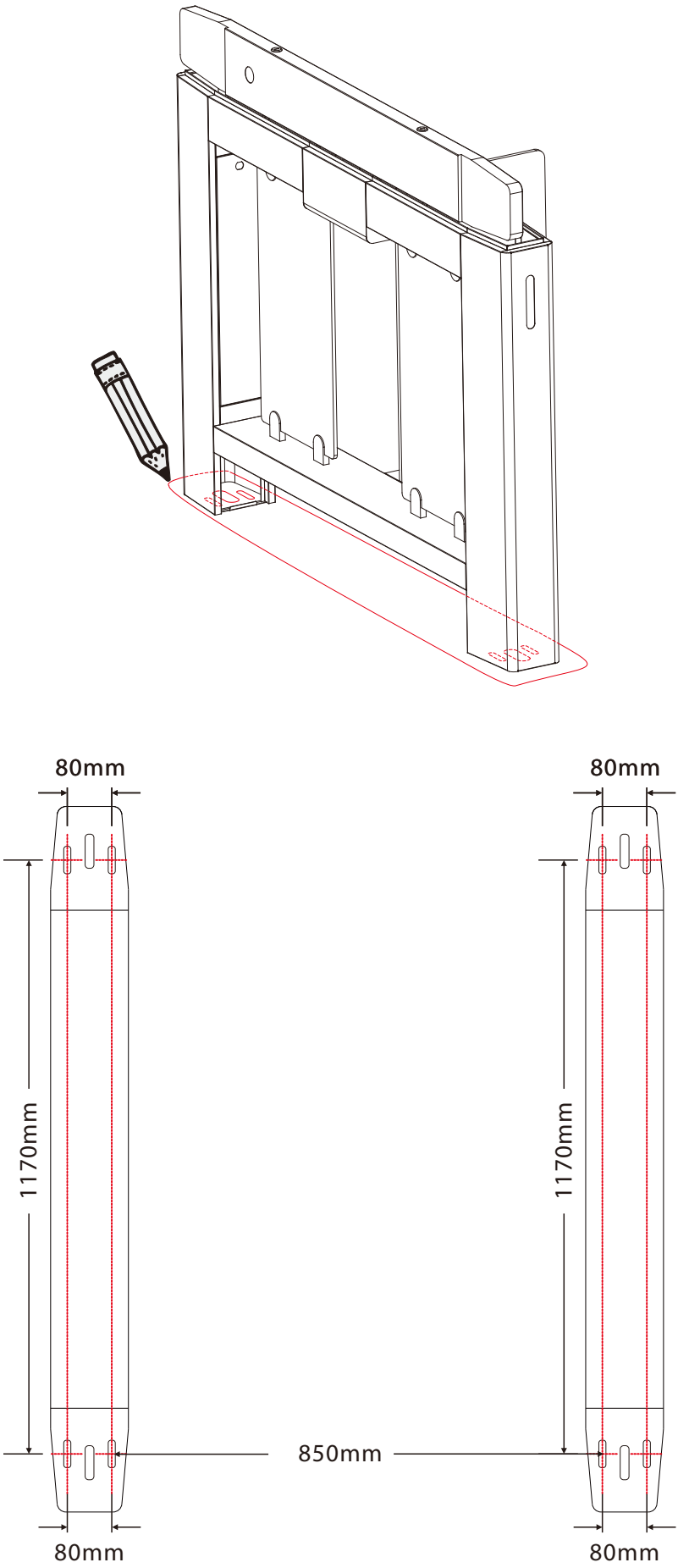
3. Use the key open the side lid, and remove the side lid that hang on the device.



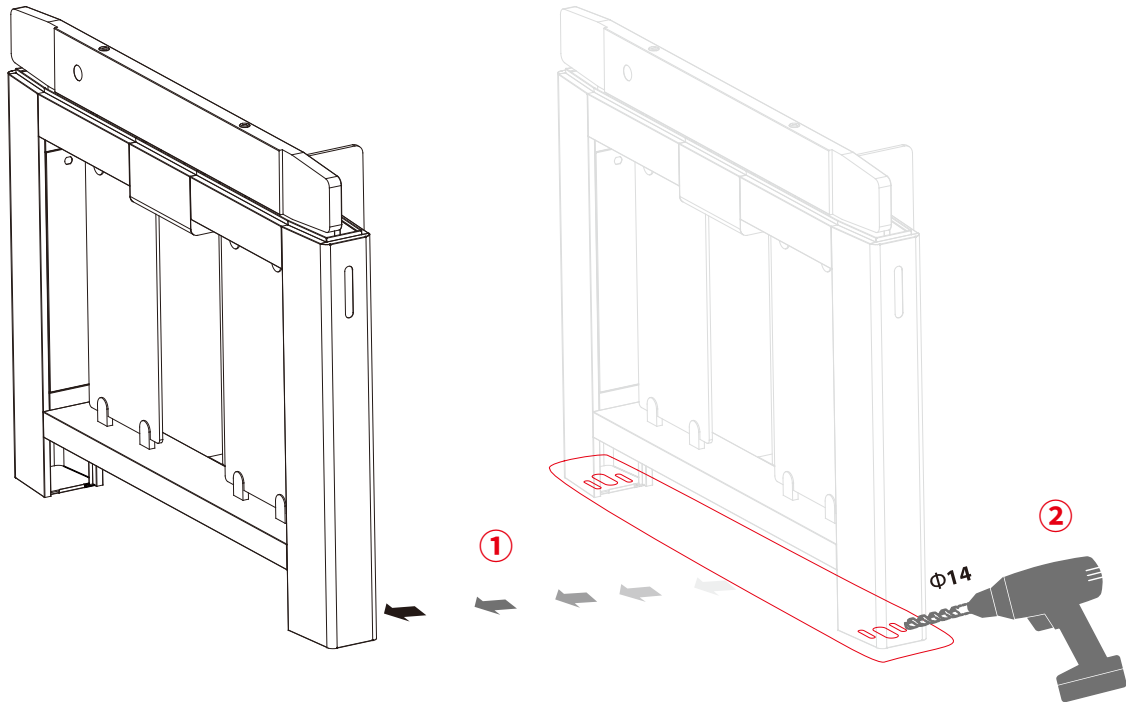
Key



4. Mark the floor following the periphery of the legs.



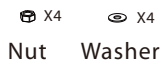
5. Take the device aside and use the electric drill according to the drawn screw holes.



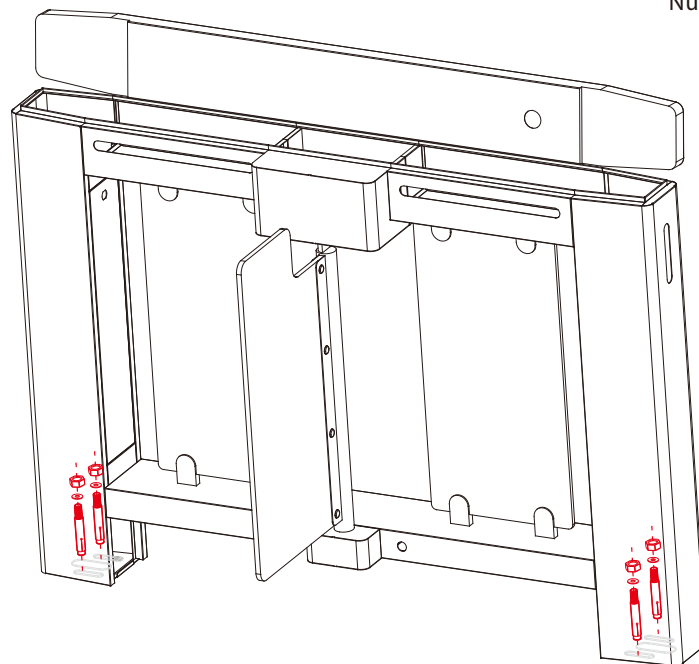
6. Clean up the fragments and dust after drilling, then place the device on the installation site again. Check whether the drilled holes corresponds to the mark on the device.
7. Align the device with the drilled holes. Then, insert the bolts accordingly and fix them with a wrench. Finally, insert the washer and nut, tighten it with a wrench.



Bolt

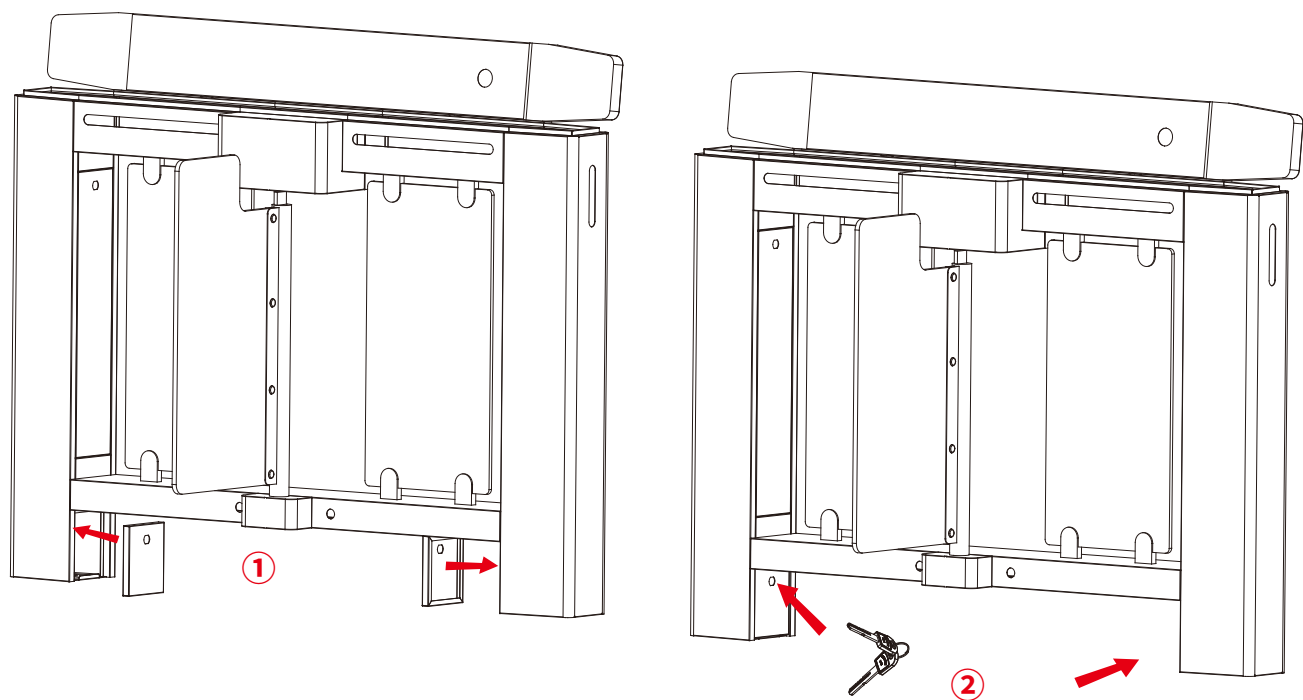
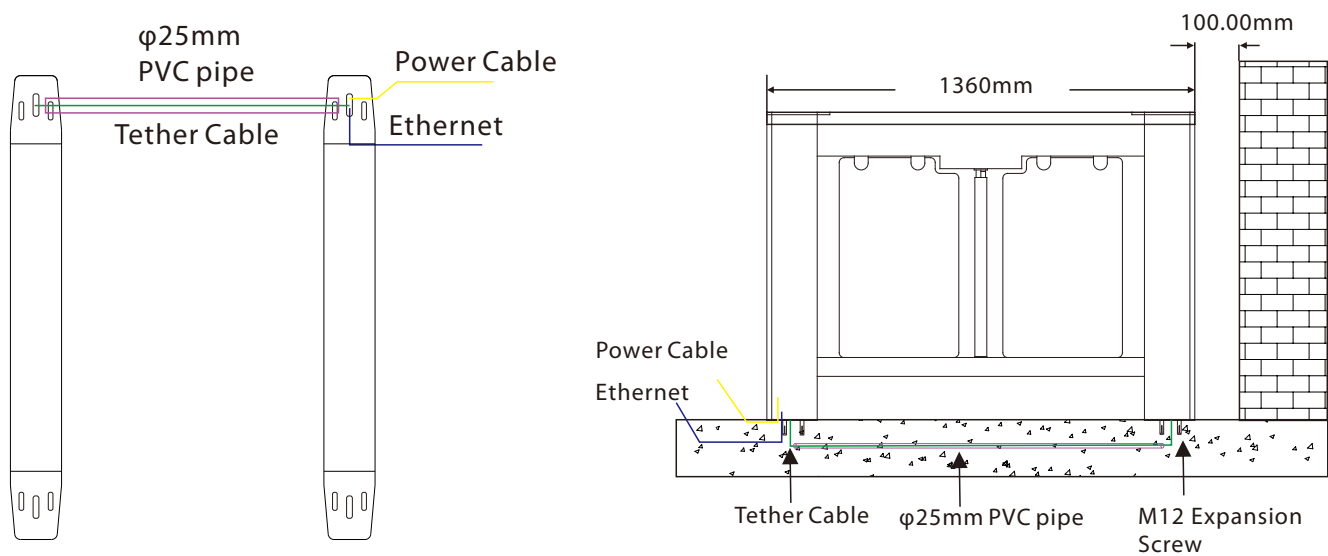


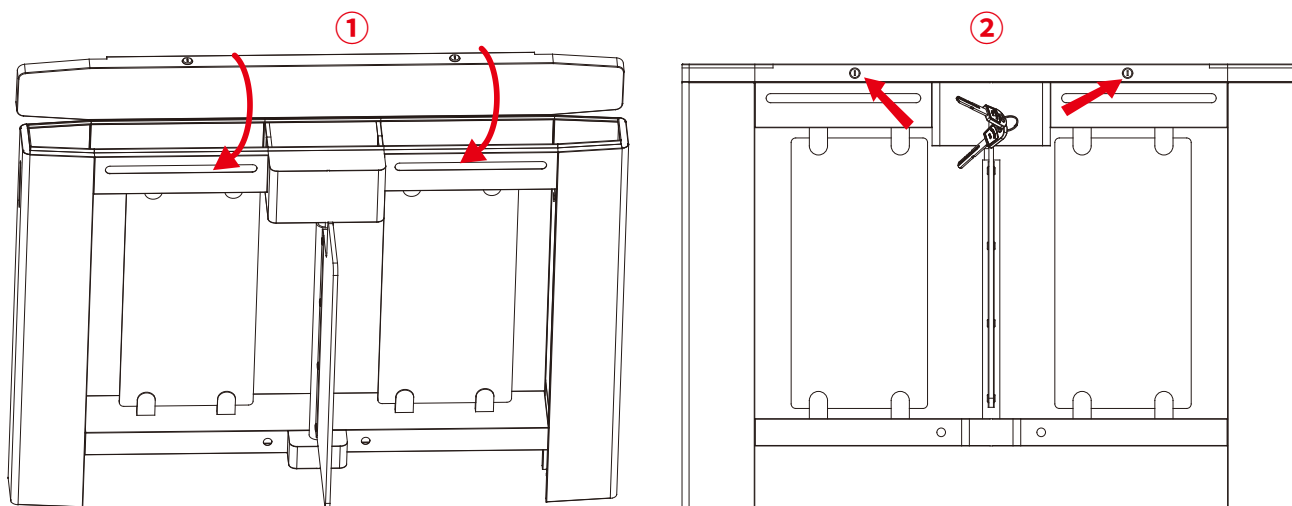
Nut Washer



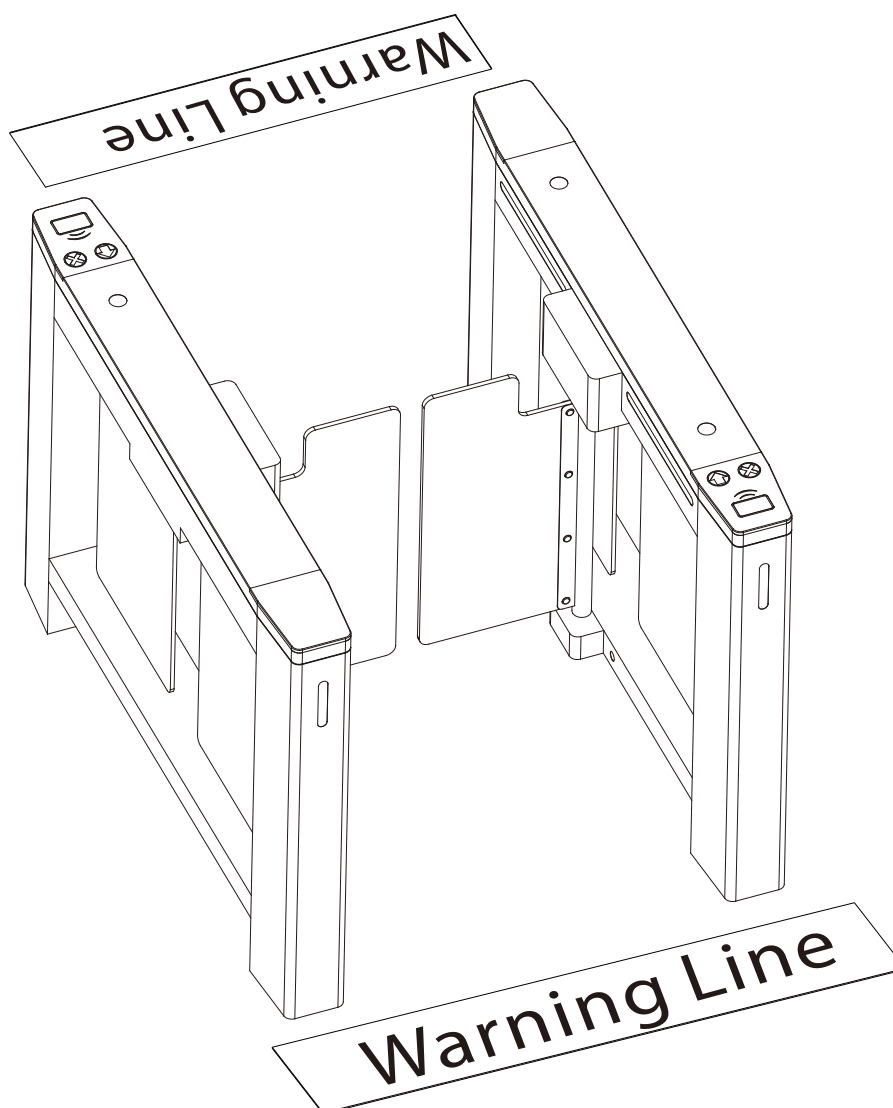
Note: Before inserting the bolt, the user must pull the power cable and Ethernet from the machines and put them into the wire slot.

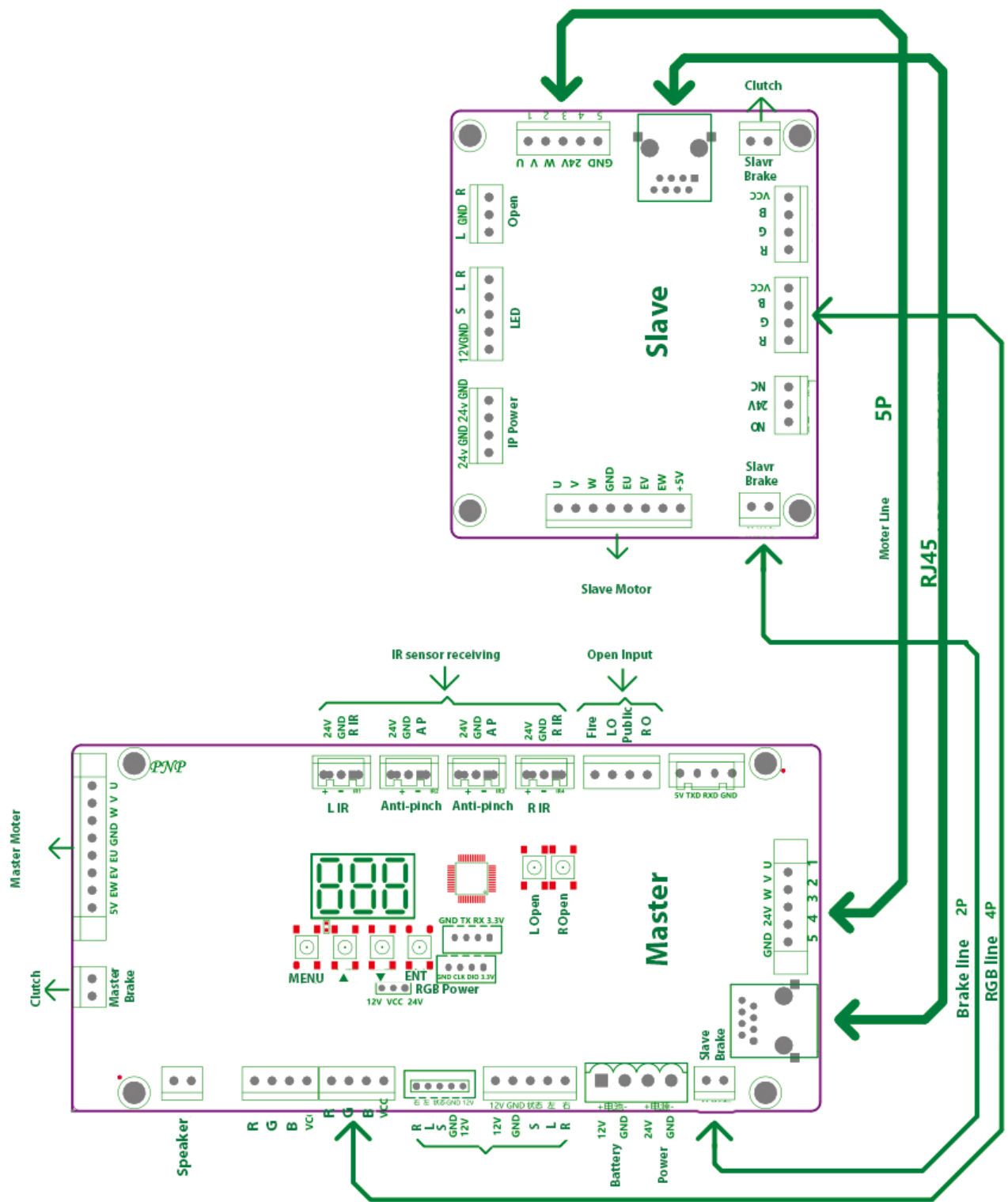
8. Connect the online cables and perform the power-on test. If the test is OK, install the side lid and top lid of the device.





9. We suggest marking a warning line on the floor to remind the user when installation complete. It reminds user to wait outside the warning line until the previous user complete the verification and leave the turnstile.





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