

Flexity Installation Quick Guide

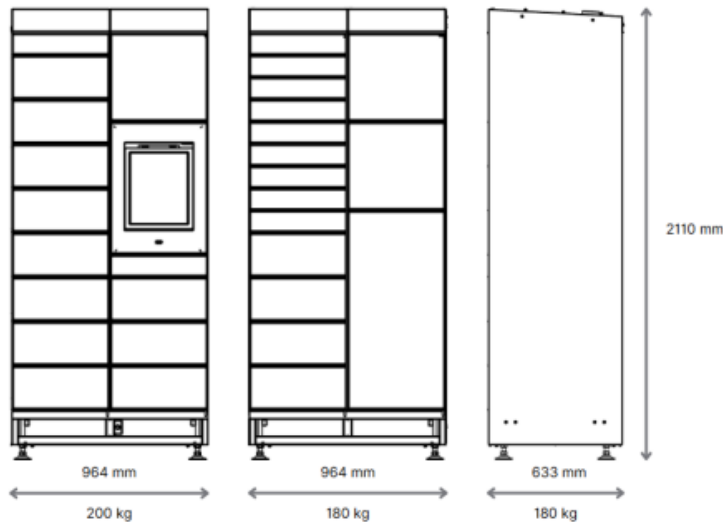
FLL-02 Parcel Terminal – User and Installation Manual



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1. Packaging (dimensions and weights)



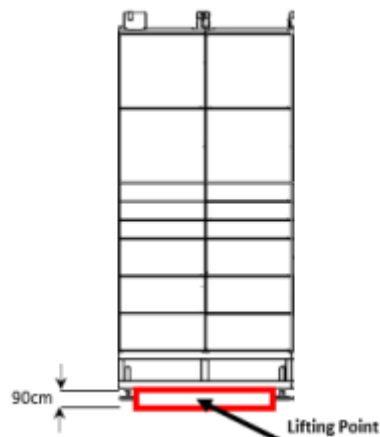
Check the dimensions for delivery and entrance to the installation site.

Dimensions: **2130 mm high, 640 mm deep, 980 mm wide.**

If the cabinet does not fit through in height, it can be laid on the opposite side where the screen is located.

It can then be transported on a moving board or equivalent that can handle **200 kg**.

1.2 The package (module) is lifted from the bottom of the metal frame, 90 mm above the ground



2. Requirements for the installation site

Please refer to the guide *“Preparations for Installation.”*

To ensure the location chosen for the Flexity parcel terminal is suitable, verify that all the requirements listed below are met or corrected.

- The location is accessible with a forklift or pallet truck
- There are no objects behind, above, or below the parcel terminal that interfere with safety or other services
- The surface slope across the terminal’s footprint does not exceed **60 mm**. The surface is stable and supports the module’s weight including any additional modules
- After installation, there is at least **50 mm** of free space behind the machine
- After installation, there is at least **1,500 mm** of free space in front of the machine
- After installation, there is at least **500 mm** of free space above the machine
- The power source has been inspected, deemed suitable for indoor use, and provides **230 V**
- Network connection is provided with sufficient signal quality at the installation site

3. Installation

The cabinet (1 module) is delivered standing on its legs, with the lower front and rear cover panels removed to allow pulling into position with a pallet truck or forklift.

The cabinet must have:

- **50 mm** free space behind
- **1500 mm** free space in front
- **500 mm** free space on each side








Check that there is no damage to the cabinet.

Tools required:

Allen keys, Security Torx (for the roof), ratchet or screwdriver, spirit level, ladder.

Legs are adjusted with a larger adjustable spanner or combination key.

On the roof, there is a small cover that must be removed to unlock the main hatch using the key.

			
Cordless screwdriver with bit set	L-key set (hexagon)	Combination key set	Laser level or spirit level
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			
Ladders (2 sets)	Hand pallet truck	Impact driver	Torque wrench
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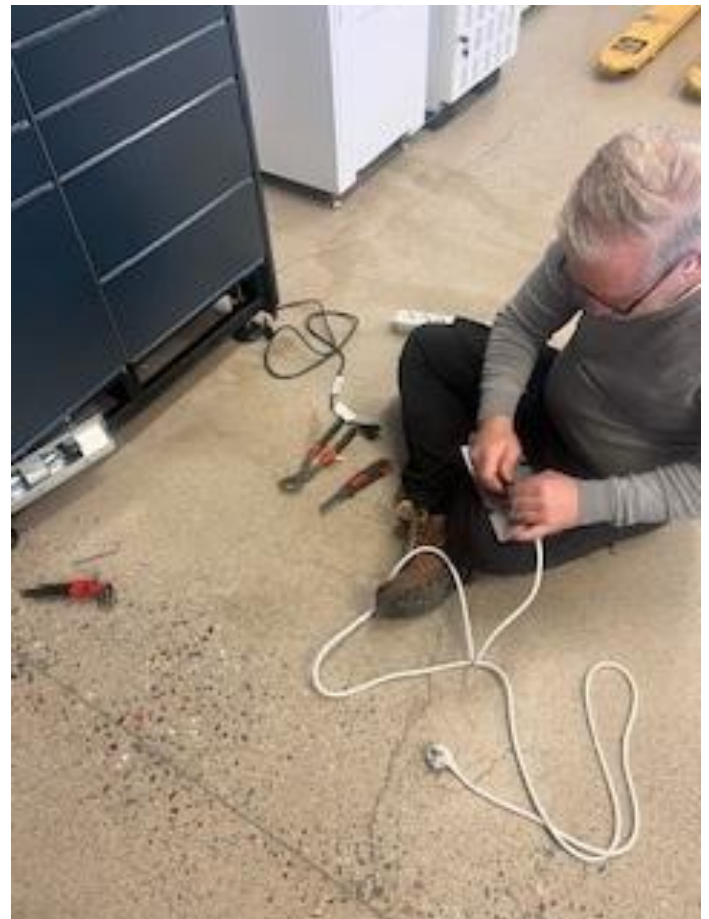
Power connection / (can be preinstalled with power supply cable)

Connect the power cable in the center module toward the lower left (TORX M4).

Open the box and connect the wires: **Neutral, Phase, Earth.**

The wires can be pushed into the connector and then secured at the outlet from the box.

(Rekommenderad: purchase **5–10 m** Cable)





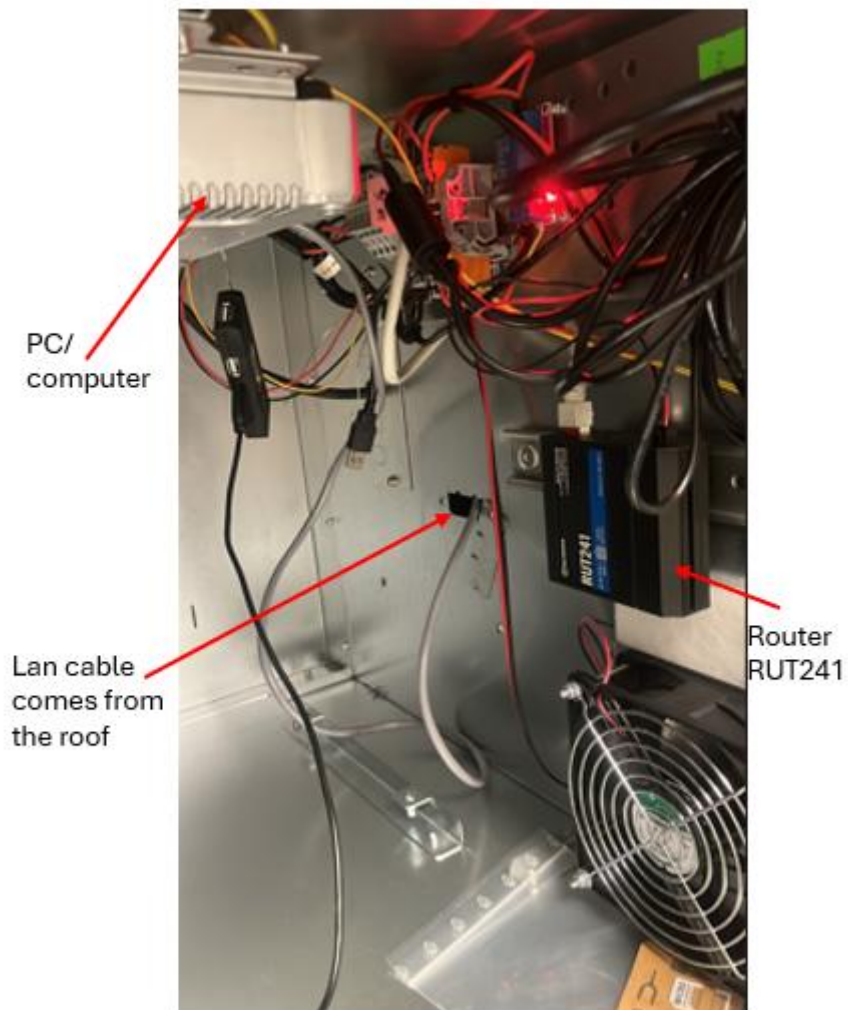
Installation Lan/Wi-Fi /5G

If there is only one main module, then everything is sorted.

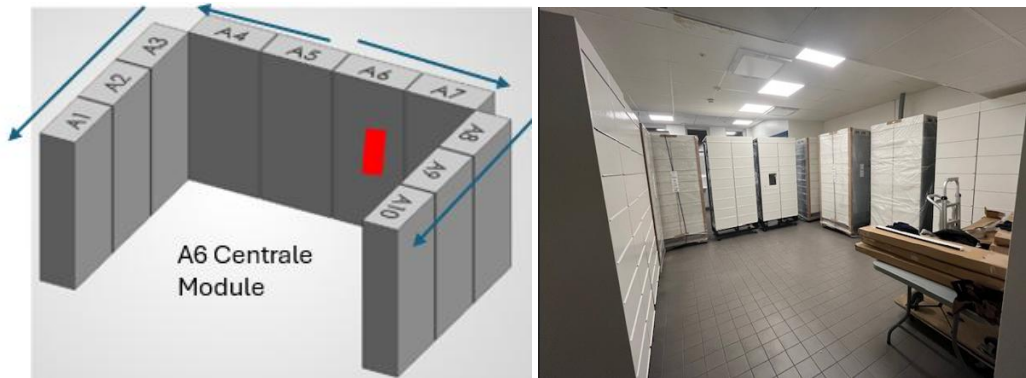
The Wi-Fi connection is made via the Screen as usual.

The SIM card is inserted via the main compartment in the Router RUT241. If you need to install an Ethernet cable, there is a steel cable running down from the Top, you can 'fish' the

Ethernet cable down to the PC or monitor inside the cabinet.

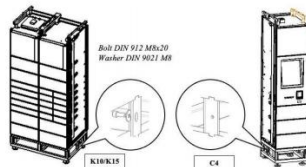


Installation Several Modules

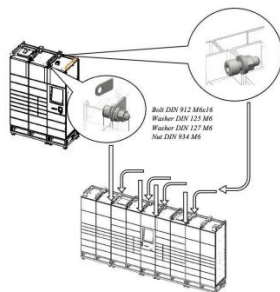


- Check the site with measuring equipment before you start
- Arrange them as shown in the diagram Flexity will provide. The cabinets are labelled according to a layout plan; if space is limited, make sure to arrange them according to the plan so that they all fit.
- Use the bag with Bolt marked “Connection” Screw the module together using a bolt at the bottom (see picture), then use two bolts with nuts at the top – one at the front and one at the back. Use washers and be careful not to drop anything.
- Once it has been assembled and is balanced, you can start by removing all the protective covers at the top and begin with the electrical and communication connections between the

7. Connect the modules at the bottom with a bolt DIN 912 M8x20 and a washer DIN 912 M8x20.



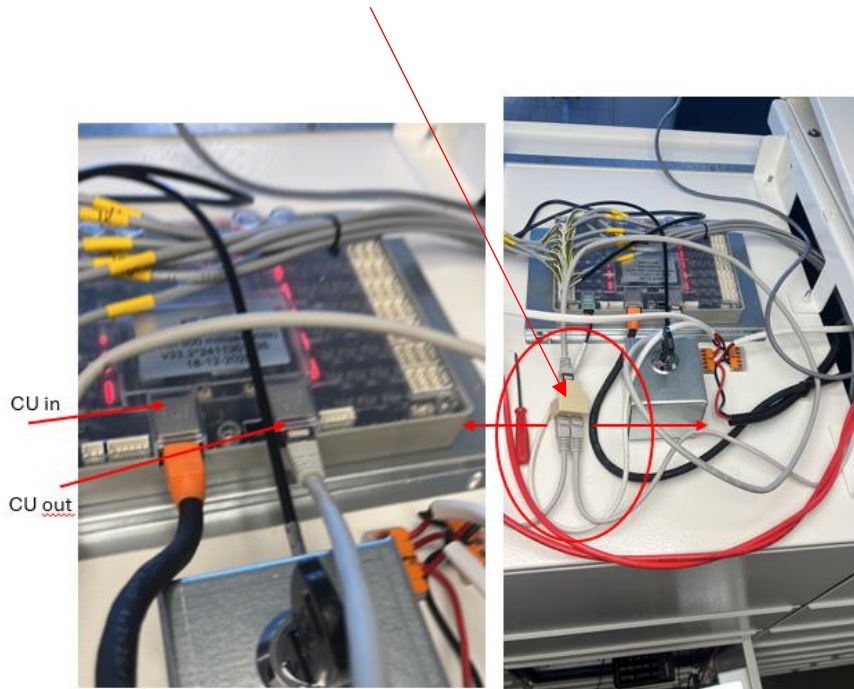
8. Connect the modules at the top with a bolt DIN 912 M6x16, a washer DIN 125 M6, a washer DIN127 M6, and a nut DIN 934 M6 (see figure below).



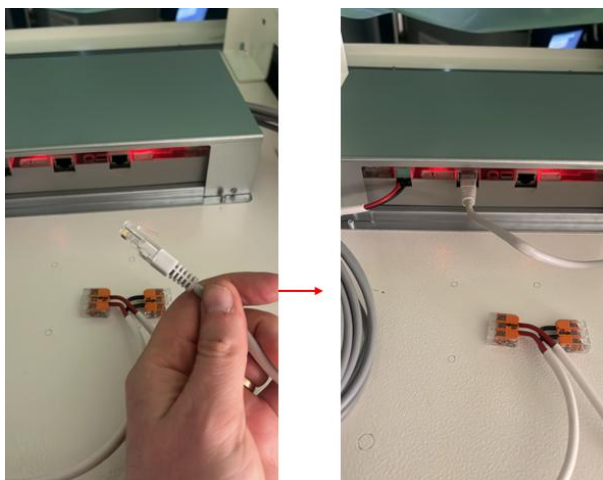
- Once it has been assembled and is balanced, you can start by removing all the Top covers at the top and begin with the electrical and communication connections between the modules.

Installation Several Modules Electric and Lan

- Now all modules need power and communication
- You have CU IN and CU OUT; CU IN is already connected and provides power and communication from the control room
- Use an Ethernet cable and plug it into the CU Out, then connect an adapter/split so that you have two sockets: one on the left (A5) and one on the right (A7)



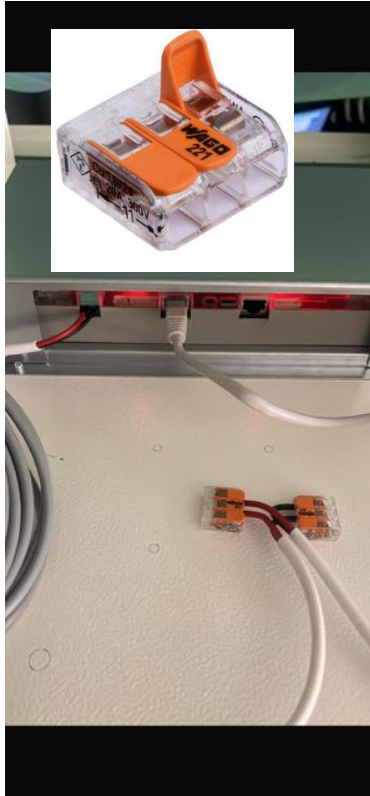
- Start by running the LAN cable from module to module
For example, on the left, run the LAN cable from A6 to A5's controllers CU In; there is likely already a LAN cable connected to A5's CU Out, which you then route under the rails to A4's CU In. Run the A4 CU Out LAN cable on to A3's CU In until you reach the



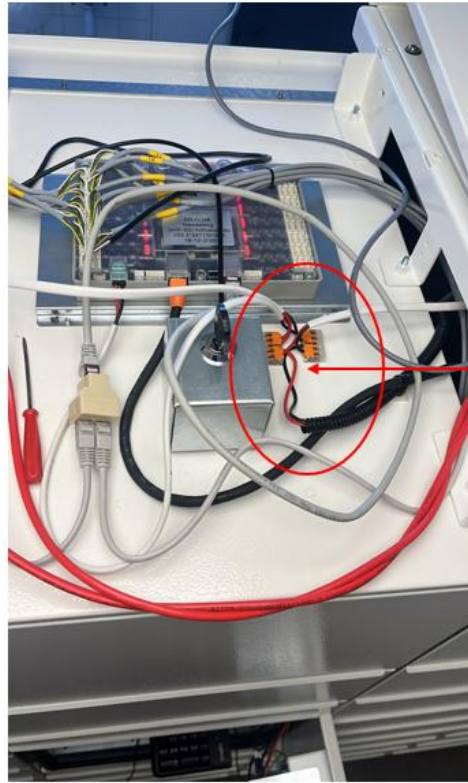
End module A1 on the left side. Then plug in the cable in A1's CU in. (shown here)

Power connection to all modules

When connecting power to all modules, start with the simplest connection from the outside in. Following the example given earlier, we will start from A1 and connect to A6 (the main module) (left side), and from A10 and connect back to A6 (the main module) (right side)



A1→

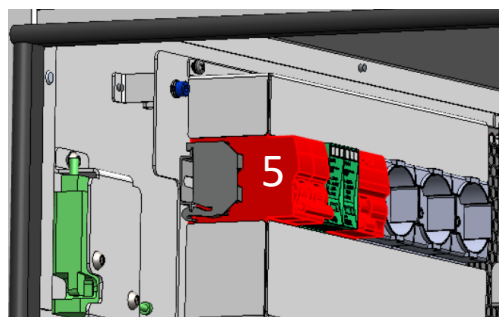
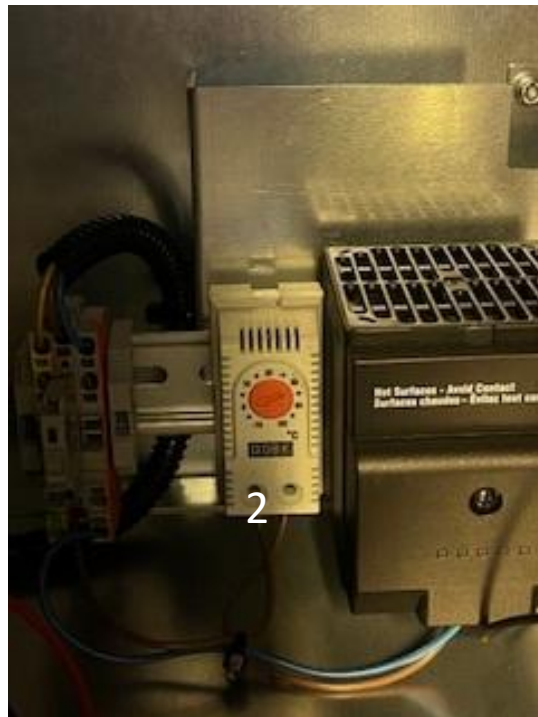
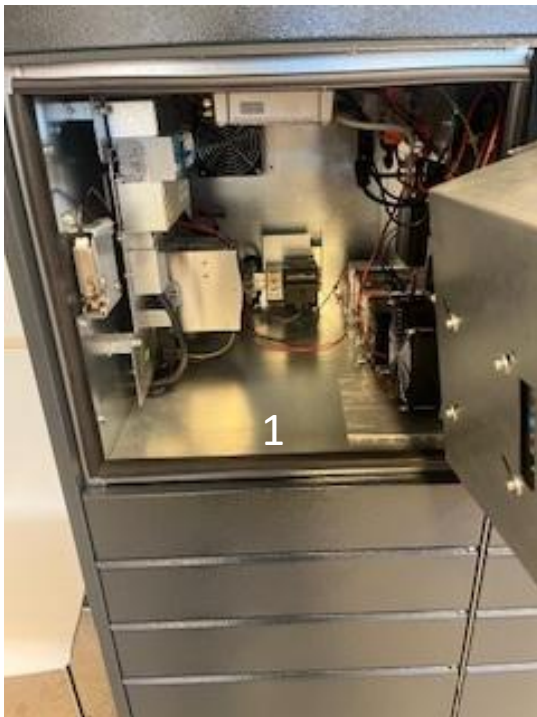


A6

- The wiring has been prepared and simply needs to be connected from module to module using the terminal blocks: red to red and black to black, continuing from module to module until all modules are connected to the A6 main module, where the power supply is connected.

Opening the screen compartment

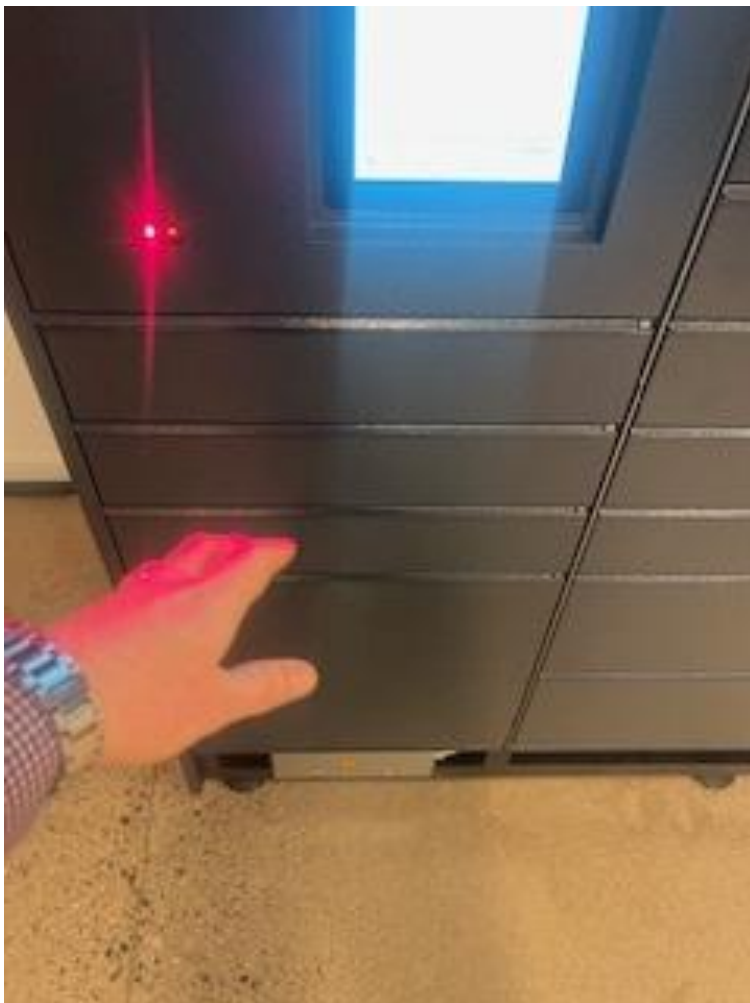
1. Open the screen door using the main key (1). On the roof under the little lid
2. There are two thermostats:
 - The **orange** dial controls the *heating fan* (2)
 - The **blue** dial controls the *cooling fan* (3)
3. If the cabinet is indoors, the cooling fan (blue) can be set to **25-30°C** (not above 30). The heating fan will never be used indoors.
4. Connect the **UPS** (battery backup up to 1 hour if power is lost) (4)
5. Switch on both residual-current circuit breakers once the power is connected (5)



Scanner check

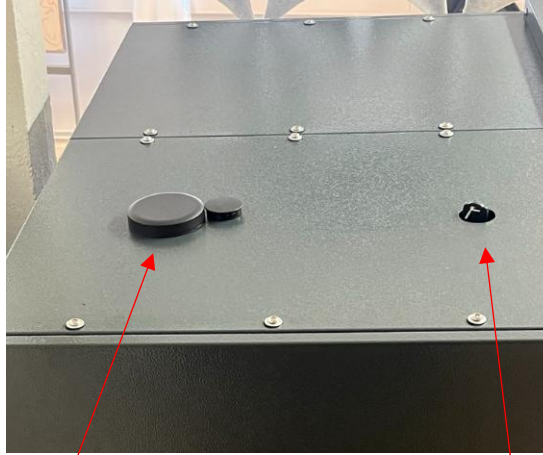
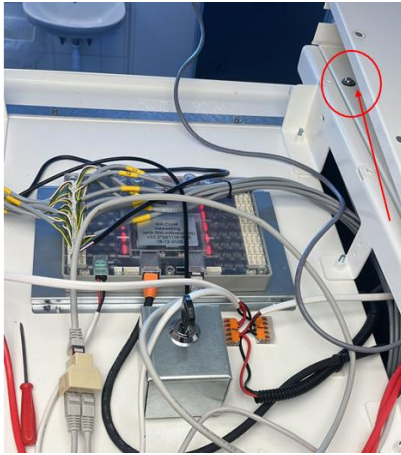
Verify that the scanner activates when you approach the cabinet and can read **1D/2D codes**.

The installation is now complete, and **Azolver** needs to connect and verify that all compartments match the graphics in the backend.



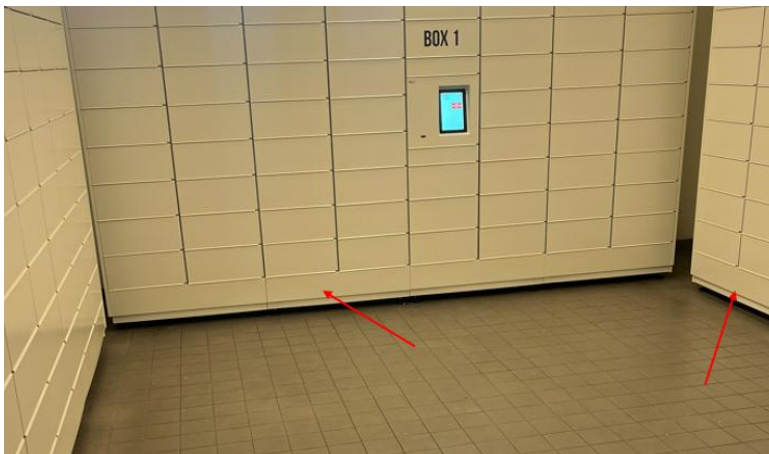
Botten cover and Top covers

All roofs are secured with 4–6 Torx screws



The big cover circle is the antenna extender for Wifi, and the small top hat is the Key for the control room/ screen box.

- The bottom plates can be fitted and screwed on using the bag provided, marked 'Bottom covers' with L-key Set



Other useful tips:

It comes with a lot of bags of screws that you won't need for indoor cabinets; for example, you don't need to install drainage channels. We usually use 4–6 screws per roof cover. The bottom sheets are 2 x 2 (front and back); these can be screwed together and then attached to the cabinet.

We have attached a checklist of what MSO technicians on site should do and what DBS technicians should do remotely.

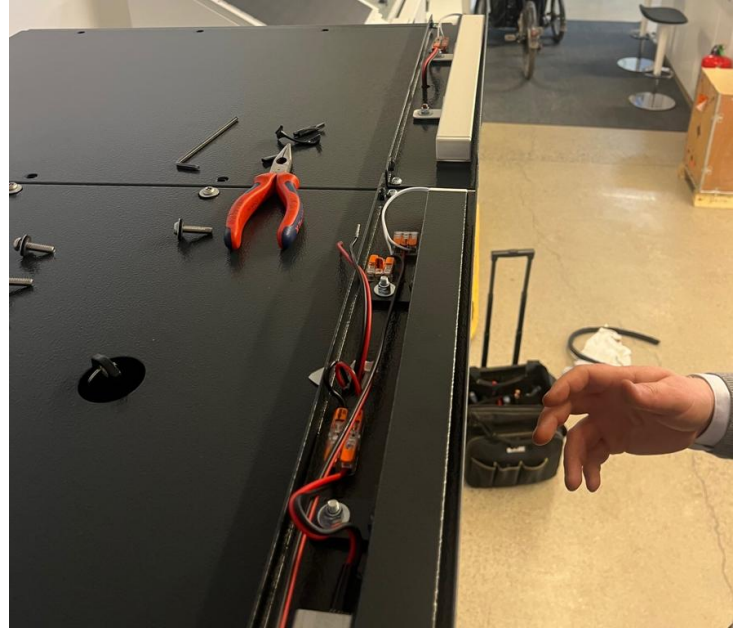
Please note that the modules are heavy (200 kg), so you must always have at least two people if the cabinets need to be laid flat to be transported in a lift or over longer distances on a moving trolley.

The cabinets aren't as fussy as those from other suppliers, provided they're not placed on a scale. So they work well even if the floors aren't level and you have about 10 cm to play with (in terms of leg length).

The sidewall will always come already in place on the right module side.

We have already made and order template for Flexity so you can use upon order.





Optional: LED Lights

The LED lights are placed inside the cabinets and connected according to the standard wiring diagram.

Open the lights and pull the wires through the center hole. Fasten using the included screws (no need to open the roof).

Once power is connected and the protective cover is installed, the LED lamp has a sensor that turns off the light in strong lighting conditions (can be tested with a flashlight).

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