Testing uGate door modules with a phone

u-IoT web interface · quick test after wiring · Version 1.0 · 23 October 2026 · Service / partner document

There is no separate app to install. The “u-IoT app” is the web interface built into each uGate module. You open it in the browser of any phone. This sheet covers one task only: checking that a newly wired uGate opens its door. The full reference is the u-IoT User Manual 1.0 (sections 2, 5.4, 6 and 7.1).

Safety. Test only after a qualified electrician has finished the wiring and the supply is back on. Keep the doorway clear and have a second person watch the door. The module issues the same open command as a manual push button. It never replaces a safety device. The safety chain of the door (light curtains, safety edges, emergency stop) stays fully active.

1 Before you start

- Wiring per User Manual section 5.4: brown = supply + (10 to 40 V DC), white = 0 V, yellow and green = volt-free relay contact in parallel with the open input of the door operator (often labelled COM / OPEN). Yellow and green have no polarity.
- A phone with Wi-Fi and a web browser.
- The device label on each module. It shows the module's Wi-Fi network name `u-IoT-XXXXXX`.

2 Connect the phone to the module

1. Phone Wi-Fi settings: choose the network `u-IoT-XXXXXX` that matches the label of the module you are testing.
2. If a password has been set, enter it (ask URG Service; never write it on the device or in photos). As delivered the network is open.
3. The phone may report “no internet”. Stay connected.
4. Open the browser and type `http://192.168.5.1` (http, not https). The web interface opens on the Dashboard.

If the module is already on the site network: put the phone on the same site Wi-Fi and open `http://<module address>` instead. The module answers on the standard web port 80, so no port number is needed.

3 Read the firmware version

1. In the browser open `http://192.168.5.1/version` (or `http://<module address>/version`).
2. Take a screenshot of the text that appears and send it to URG Service with the last six characters of the module's network name.

4 Open the door from the phone

1. Go back to the Dashboard (`http://192.168.5.1`).
2. Scroll to Quick control below the input and output table.
3. Select output DO_1 (output 1 is the relay to the door operator).
4. Tap On. The door must open. In the table, DO_1 changes to ON (the table refreshes every second).
5. Tap Off as soon as the door has opened. DO_1 changes to OFF. While DO_1 is on, the open contact stays closed.
6. If the “door open” feedback contact is wired to an input, check that this input shows active while the door is open.
7. Repeat sections 2 to 4 for every uGate module.

5 Record the result

Module (last 6 char.)	Door	DO_1 ON/OFF shown	/version screenshot	Date, name
	opened yes / no	yes / no	yes / no	
	opened yes / no	yes / no	yes / no	
	opened yes / no	yes / no	yes / no	

No passwords, network addresses or configuration files in photos, tickets or messages.

6 Do not change anything else

- Use only the Dashboard and the /version page. Do not change settings in the tabs Wi-Fi, Actions, Coordination or System.
- Do not use Factory Reset and do not export the configuration: the export contains passwords and keys in readable form.
- When you are done, disconnect the phone from the `u-IoT-XXXXXX` network.

7 If something does not work

What you see	What to do
Network `u-IoT-XXXXXX` does not appear	Check supply and polarity (brown +, white 0 V). Stand close to the module.
Page does not load	Check that the phone is still on the module network; type http:// (not https://).
DO_1 shows ON, door stays closed	Wiring of yellow/green to the open input or the door operator setting. Electrician or door technician checks.
Anything else	Note the module label and what you saw, then contact URG Service.

Security note

The module interface has no login of its own. Run the modules only in a protected network segment, never on a publicly reachable network. The module Wi-Fi is open as delivered; URG sets a password of at least eight characters during commissioning, before productive operation. The robot software (uGo) reaches each uGate module over the site network on port 80; this is set in uGo by URG.

Sources: u-IoT User Manual 1.0 (10.09.2026), sections 2.5, 2.6, 5.1, 5.4, 6.1–6.4, 7.1; u-IoT REST interface (GET /version). Online: docs.unitedrobotics.group → Capabilities → Building → u-IoT.