

TWIST User Guide

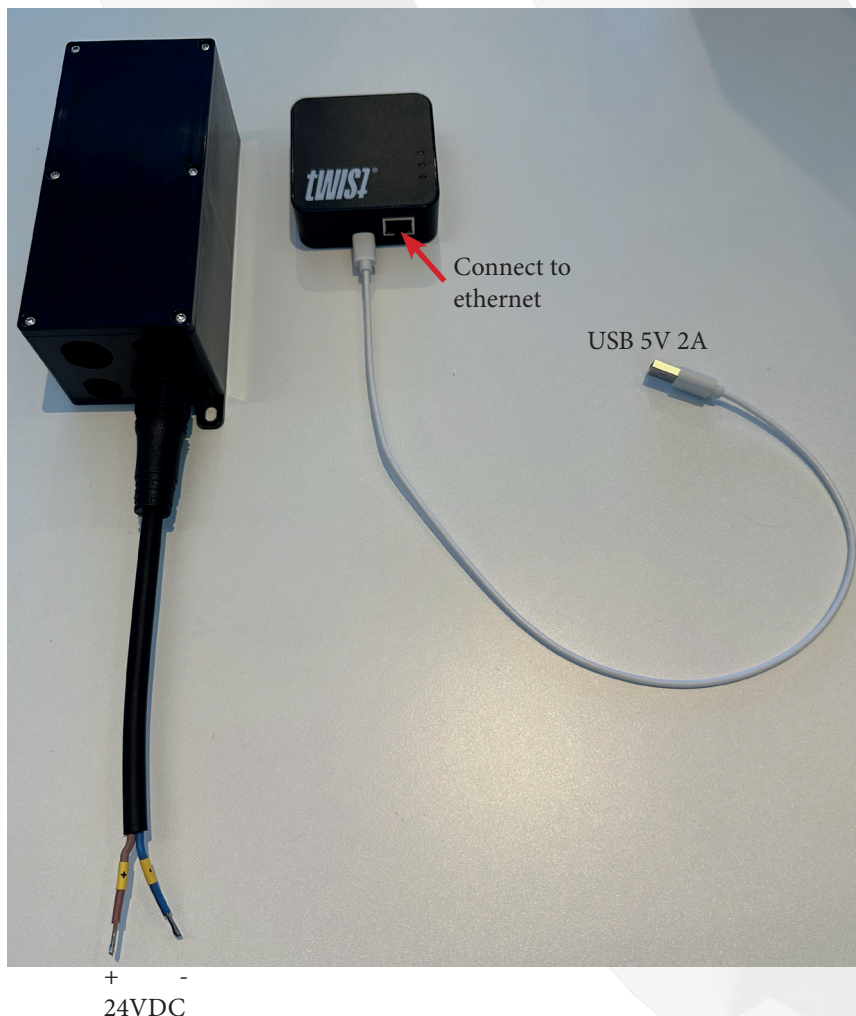
Purpose of this guide :

Because the Twist gateway doesn't have any other function than being the bridge between the internet (via the ethernet connection) and the Twist network, it is not possible to test its functions without an additional device. In this case a "DC motor + LED" controller was provided. Both devices are in the same Twist network (pre-configured by us for this test).

By logging in to the backend of the network (see below), commands can be send to the extra device from the Twist gateway. When the commands are send, there will be 2.4GHz communication between the device and the Twist gateway (DUT).

It's normal that the extra device will not perform the requested commands because there aren't any actuators connected during the test.

Setup:

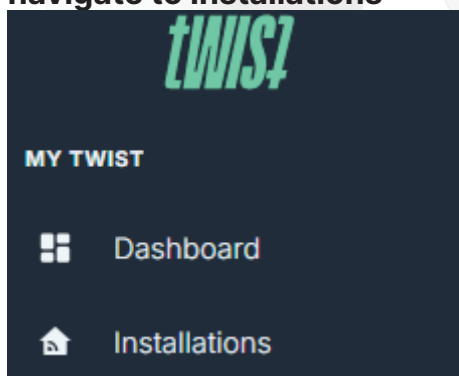




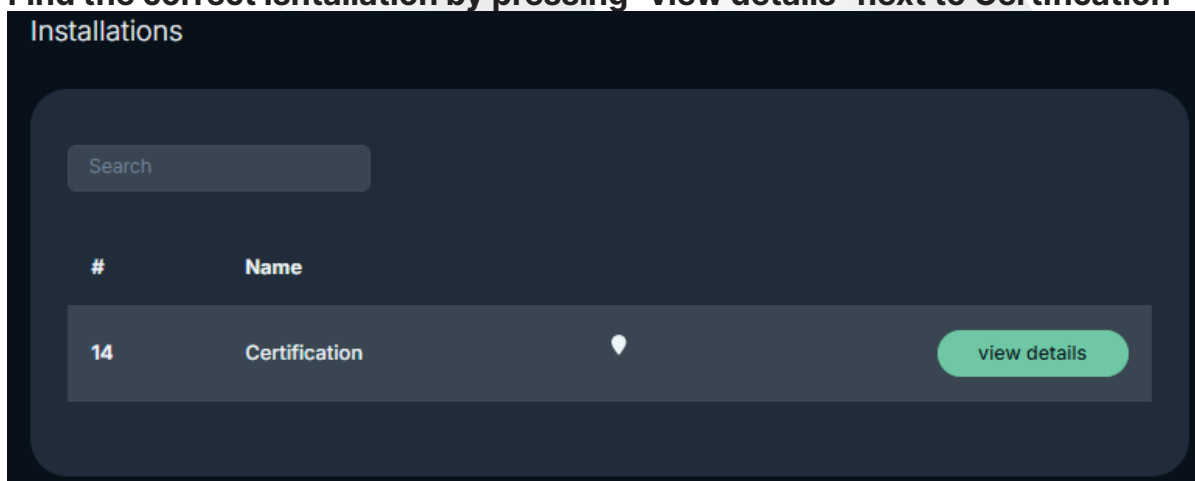
1. Go to the website: <https://portal-staging.twist-innovation.com>

The screenshot shows the 'Sign In' page of the Twist portal. At the top is the 'twist' logo. Below it, the text 'Sign In' is followed by the instruction 'Please enter your email address to continue.' There is a text input field labeled 'Email address' with the placeholder text 'Enter your email'. Below the input field are two buttons: a green 'Next' button and a grey 'Cancel' button.

2. Log in with the following credentials:
Email: TWCertification@hotmail.com
PW: TWCert1f1cat1on!!
3. navigate to Installations

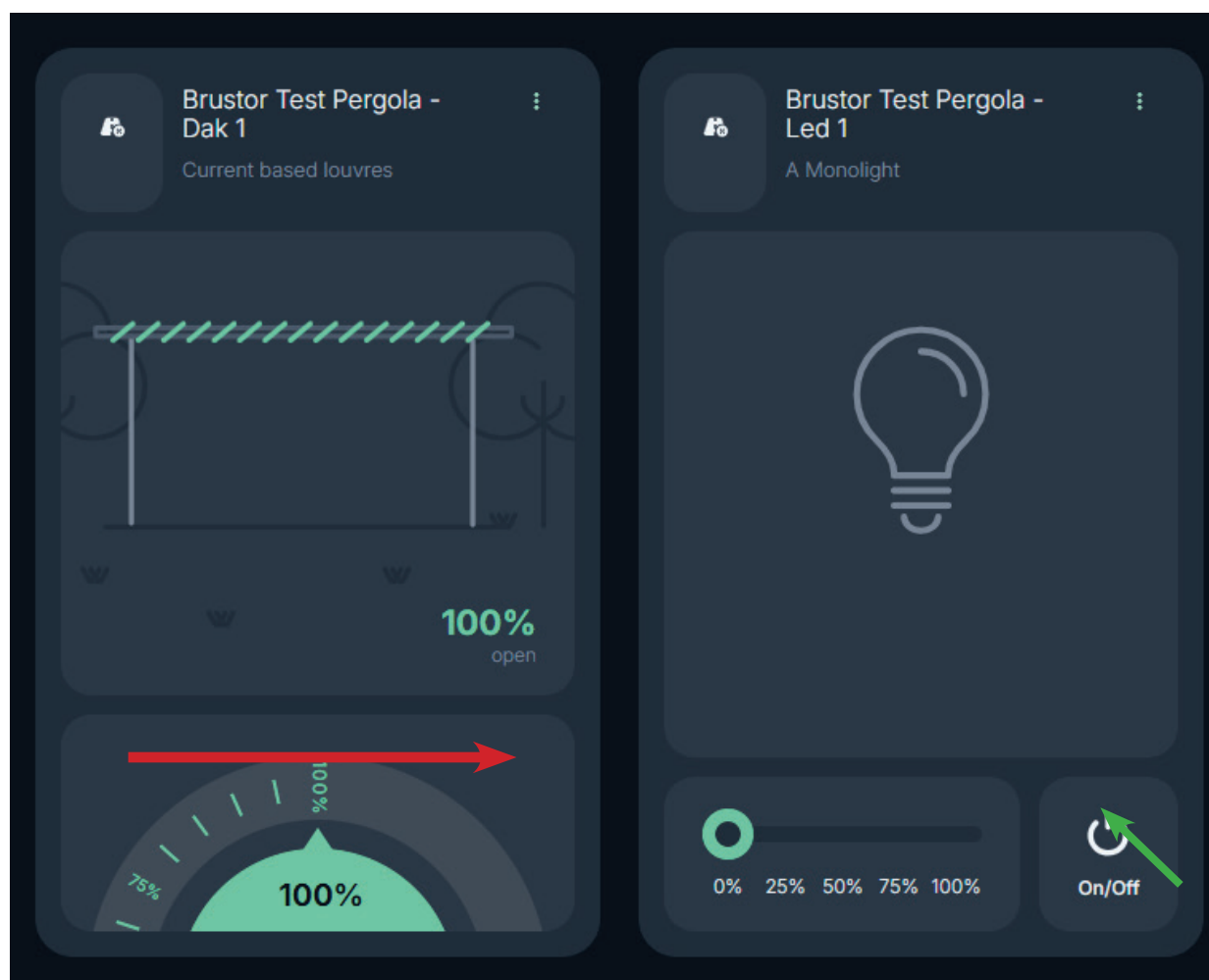


4. Find the correct Installation by pressing “view details” next to Certification





You can create communication traffic by changing the LED and louvre state:



To create commands from the module to the gateway, adjust the slider from 100% to 0% and vice versa on the roof element (red arrow) or press the button ON/OFF on the light element (Green arrow) .

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Warning Statements:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.