

Aquana Water IoT Platform

AquaLink Endpoint

User Manual

Version 1.0 – June 2025



Compliance

Make/Model: Aquana AquaLink

FCC ID: WAOAQLNK

IC: 7733A-AQLNK

Contains FCC ID: VPYLBAA0QB1SJ

Contains IC ID: 772C-LBAA0QB1SJ

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.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. *This device may not cause interference.*
2. *This device must accept any interference, including interference that may cause undesired operation of the device.*

CAUTION: Any changes or modifications to any component of the AquaLink that is not expressly approved by Aquana could void the user's authority to operate the equipment.

Activate your AquaLink

Prior to communicating with the AquaLink, you must install the battery.

1. Remove the lid.
2. Install the battery into the battery holder orienting the battery as shown on the diagram on the PC board between the battery contacts.
3. If you are ready to connect the meters and rope sensors to the AquaLink, set the lid aside. If you are going to activate another AquaLink next, reinstall the lid.

Open the Aquana Mobile App and login with your Aquana account to activate a new device. Please make sure that you're within Bluetooth range of your AquaLink and ideally be in the location where the AquaLink will be installed in order to ensure that the endpoint can connect to your LoRaWAN gateway.

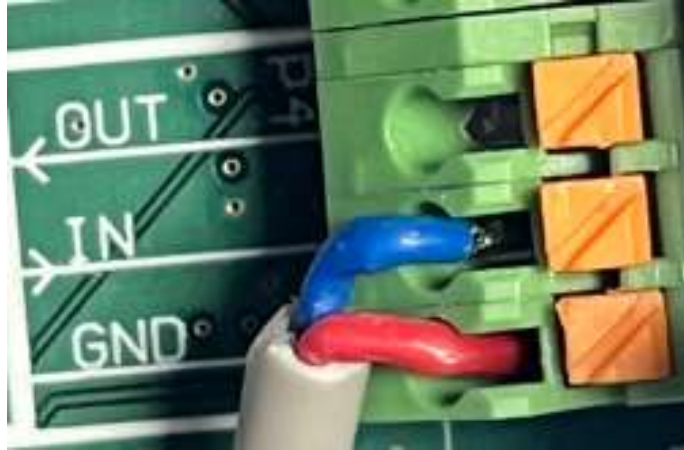
1. From the main menu, choose “Activate New Devices”.
 2. Then choose from the list of Activation Workflows.
 3. Choose the Property & Location within your Property where you want to install your device, tap Next.
 4. Enter or Scan the AquaLink serial number. You must enter the entire 9-digit serial number found on the device OR you can scan the barcode located on the device by tapping Scan Barcode. Once you’ve entered the serial number, tap Next and the app will attempt to connect directly to the AquaLink using Bluetooth.
 5. Once connected, you’ll see AquaLink information and a “Complete” message in the app. Tap Next.
 6. Next you’ll need to Configure your AquaLink settings.
 - a) Name your AquaLink. Tip: Your AquaLink name will be used in notifications along with the property and location. Name your AquaLink something unique or identifiable.
 - b) Enter your check-in interval. The Check-In interval determines how often the AquaLink checks in to the Cloud to report status and receive commands.
 - c) Set whether alerts are to immediately be sent to the gateway for tamper detection, meter read alerts, or missed check-ins.
 - d) Enter the peripheral equipment type to be connected to any of Ports 1-4 and which rope sensors go into the section A and/or Section B connectors in Port 5.
- Tap Next.
7. Configure your network settings. Your AquaLink comes pre-configured to work with the provided MultiTech Conduit Gateway. Tap Next to continue.
 8. Confirm Device Activation. If you’re only activating an AquaLink, you’ll see the Confirmation screen next. Confirm your settings by tapping CONFIRM to add your AquaLink to the chosen Property Location.
 9. Confirm your Activation. Make sure your activation details look right and tap CONFIRM to activate.

Install your AquaLink

Orient the AquaLink so that the port connections are on the bottom and attach to a wall with the four screws provided.

Install your Peripheral Equipment

Install your meters into the ports that were defined for them in 6.d) above. Ports 1-4 have spring-loaded contacts that are normally closed. To open one for wire insertion or removal, press and hold down the square orange button at the top of the port. Once the wire is inserted release the button to make contact and hold the wire in place. Connect the meters as shown below:



Pulse Meters



Encoded Meters

Port 5 for the rope sensors is divided into an A section or a B section, each of which has a connector for one rope sensor. Plug the appropriate rope sensor connectors into the sections of Port 5 defined in 6.d).

Reinstall the lid.