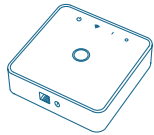


The Hub

Squid.link 2B/2X

WISZB-131 and WISZB-132



Installation Manual

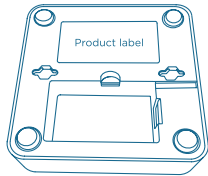
Version 1.7

Product description

This all-in-one Hub connects smart devices and provides you with monitoring and control functionalities via your smart system. As the Hub is simple to install, you can quickly start to use your smart system and enjoy the connected life.

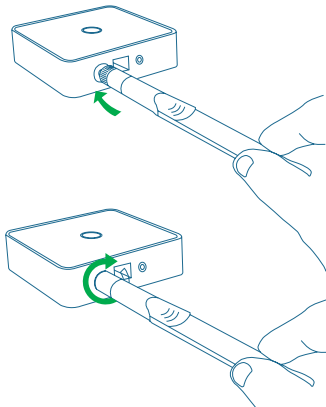
Precautions

- Do not remove the product label as it contains important information.



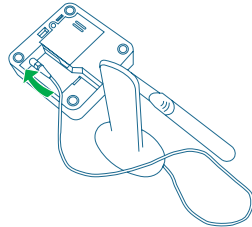
Antenna Connection

The gateway comes with two antennas. The smaller whip antenna needs to be connected to the Hub as shown in diagram 1.

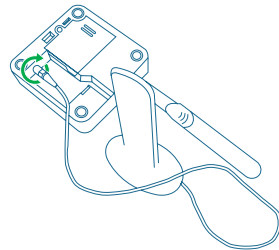


The second larger antenna with the attached wire, known as the "whip antenna", does not need to be connected unless you have poor cellular connectivity in your home. If you intend to install the "whip antenna", you will need to install this before connecting your Hub to power. Please speak to Customer Care if you are unsure if this is right for you.

The whip antenna (seen in Fig. 1,2) is installed by screwing into the side of the Hub. Do not over tighten. Once installed point the antenna vertically up.



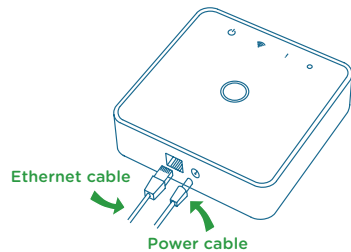
If your home has very poor cell reception we recommend installing the standalone antenna as well (seen in Fig. 3,4)



The standalone antenna screws into the gold SMA connector location on the bottom of the Hub. Do not over tighten. When installed try to place the standalone antenna as far from the Hub as possible.

Getting started

- Connect the power cable to the Hub.
- Connect the power adapter to a wall socket.
- Connect an Ethernet cable from the Hub to an internet-connected home router.

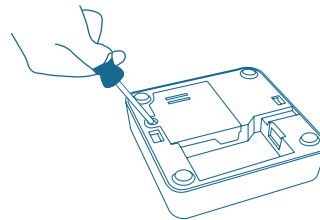


- The LEDs on the front panel are turned on when the system is booting.
- The LEDs in the Ethernet connector are turned on and the green LED starts flashing indicating data communication.
- After a few minutes, the application is started and the system is ready for use.

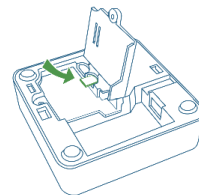
SIM card information

The sim card has already been installed in your hub. **Installation instructions are for reference purposes only and no action will be required during your install.**

- To insert a SIM card into your Hub, remove the cover to the SIM slot in the battery compartment.



- Disconnect and remove the battery (if equipped)
- Slide the SIM card into the SIM card slot. If your Hub is a dual SIM Hub and you only want to install one SIM card, please install it in the SIM card slot marked as number 1.



- Reinstall and connect the battery (if equipped)
- Reinstall the cover and reattach the screw to fasten it.

Resetting

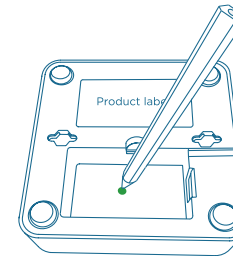
We strongly suggest you do not reset your Hub as it may have adverse effects on system functionality. Please contact Customer Care.

Reset the Hub to avoid abnormal behavior by removing the power supply for a few minutes before reapplying it. In case the Hub does not start up, follow the steps below to reset the Hub to the factory setting.

STEPS FOR RESETTING

Make sure the Hub is plugged into power.

- Use a pen and hold down the reset button as indicated in the picture.



- When you see all 4 LEDs on the top of the Hub turn solid at the same time, release the pen. Takes 15-20 seconds.
- The system will reboot and after a few minutes the application will be started again.

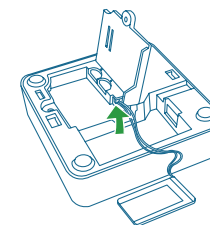
Battery replacement

If your Hub includes a battery backup, you can replace the battery in the following way.

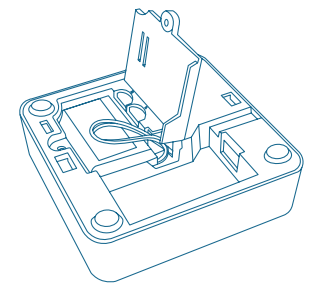
CAUTION: RISK OF EXPLOSION IF BATTERIES ARE REPLACED BY AN INCORRECT TYPE. DISPOSE OF THE BATTERIES IN ACCORDANCE WITH INSTRUCTIONS.

CAUTION: When removing cover for battery change - Electrostatic Discharge (ESD) can harm electronic components inside

- Open the battery compartment of the Hub with a screwdriver.
- Remove the battery from its place within the compartment.
- Disconnect the battery and connect the new one. The Hub uses a Li Pol (3,8V / 2000 mA) battery.



- Insert the new battery in its space in the compartment and tuck the cables over or under the battery.



- Close the battery compartment and reattach the screw to fasten it.

Disposal

- Dispose of the product properly at the end of life. This is electronic waste which should be recycled.
- This Hub optionally includes a Lithium battery. Please dispose of the battery according to your local regulations.

CE certification

The CE mark affixed to this product confirms its compliance with the European Directives which apply to the product and, in particular, its compliance with the harmonized standards and specifications.



IN ACCORDANCE WITH THE DIRECTIVES

- Radio Equipment Directive (RED) 2014/53/EU
- RoHS Directive 2015/863/EU amending 2011/65/EU

Other certifications

- Zigbee 3.0 certified.



FCC Regulatory Compliance

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.

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

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

ISED Regulatory Compliance

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.

This equipment complies with IC RSS102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Wireless communication

Zigbee:

Frequency: 2.4 GHZ
Output power: Up to +12 dBm
"Declaration for EU Compliance"

WLAN:

Frequency: 2.4 GHZ
Output power: Up to +20 dBm
"Declaration for EU Compliance"

Z-Wave:

Frequency: 868
Output power: Up to +4 dBm "Declaration for EU Compliance"

Wireless M-Bus:

Frequency: 868
Output power: Up to +12 dBm
"Declaration for EU Compliance"

Bluetooth Low Energy:

Frequency: 2.4 GHZ
Output power: Up to +12 dBm
"Declaration for EU Compliance"

EU Declaration of Conformity

Hereby, Develco Products A/S declares that this radio equipment is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: <https://www.develcoproducts.com/products/gateways/squidlink-2x> (for model MGW211-DP49) and <https://www.develcoproducts.com/products/gateways/squidlink-2b> (for model MGW211-DP29).

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