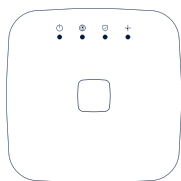
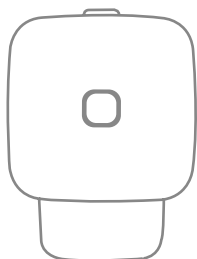


INSTALLATION MANUAL



MGW311-S410



Product description

All-in-One solution for connecting independent wireless devices supporting Security, Safety, Smart Home and Care.

www.onestiprducts.io

Functionality

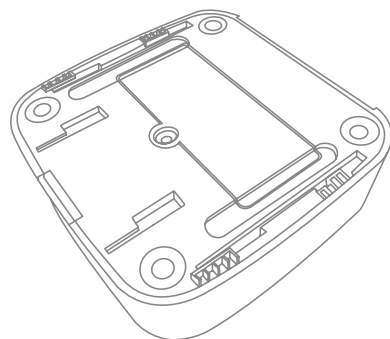
The Alarm functionality is guided through the accompanying app, which can be downloaded from Apple App Store or Google Play.

Detailed information about the system can be found in the document "Alarm system technical installation manual".

Precautions

- Place the gateway indoor inside the premises supervised by the alarm system.
- Do not remove the product label as it contains important information.

a.

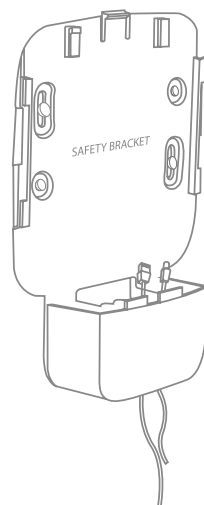


Mounting

MOUNTING WITH SAFETY BRACKET

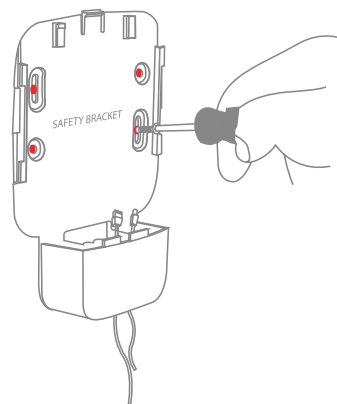
1. Use the safety bracket to mount the gateway on the wall.
2. Slide the power cable and Ethernet cable into the bottom part of the safety bracket.

b.



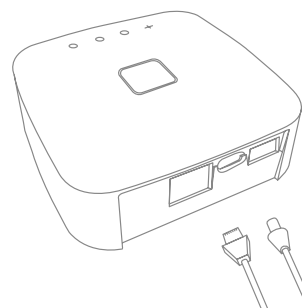
3. Mount the safety bracket on the wall with the included screws.

c.

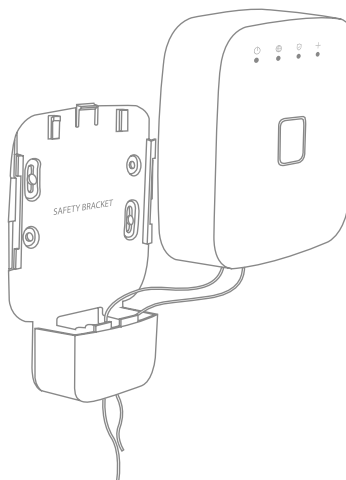


4. Connect the power cable and the Ethernet cable to the gateway.

d.

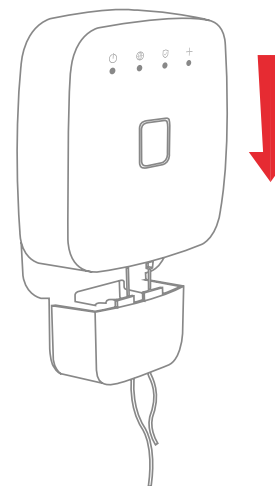


e.



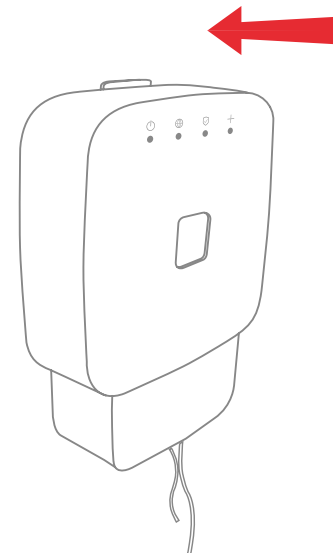
5. Place the gateway with the connected power cable and the Ethernet cable in the safety bracket, and push the gateway downwards until it clicks while gently pulling the cables to make a secure fit.

f.



6. Place the plastic lock on top of the gateway and press it downward to lock the gateway. Connect the power adapter to a wall socket. Connect the Ethernet cable from the gateway to an internet-connected home router.

g.



Getting started

1. When the power cable is connected to a power socket, the LEDs on the front panel are turned on, indicating that the system is booting.
2. When the Ethernet cable is connected to an internet-connected home router, the LEDs in the Ethernet connector are turned on and the LEDs starts flashing, indicating data communication.
3. After approximately 1-2 minutes the application is started and the system is ready for use.

Resetting

In case of abnormal behavior, a factory reset may be required. For instructions on how to perform a factory reset, visit the supplier's website.

Disposal

Dispose the product properly at the end of life. This is electronic waste, which should be recycled.

Technical specification

Power system:

The power system ensures reliable power for the alarm system with a main external supply supported by an internal backup battery. In the event of overload, the external supply protects itself by turning off and periodically trying to restart until there is no longer any overload. In normal operation the system will maintain the backup battery at a charge level 90-95 %, leaving ~80 % of useable capacity at any given time. In case the main external supply fails, the power system automatically switches to supply from the backup battery. In the case of continuous supply on battery backup, the system will eventually protect itself from completely discharging by shutting down the system when the battery is below 3.3 V. The battery has its own protection circuit which will shut off at

2.75V to prevent deep discharge. To protect the battery at low or high temperatures charging will be postponed until the temperature of the battery is between 0 and 45 °C

Power supply:

- 5 V/2 A
- Adaptor: 100-240 VAC – 230 VAC (Nominal) – 90-264 VAC (Max), Frequency: 50/60 Hz
- Quiescent current: 10 mA at 230 V
- Alarm current: 10 mA at 230 V
- Peak Current: 52 mA at 230 V
- Minimum current at 200 mA at 5 V
- Quiescent current at 450 mA at 5 V
- Peak Current at 2000 mA at 5 V

Battery backup:

- Includes changeable battery
- Standby battery lifetime: >12 Hours
- Low battery warning below 3.75 V
- Low battery warning removed above 3.8 V
- Battery capacity: 3.7 V, 2500 mAh, Li-Ion
- Charging time: <24 hours up to 90%
- Charging is started when battery capacity is below 85 %
- Recharging will not start if temperature of the battery is below 0 and above 45 °C
- Average Current (Battery Backup): 40 mA at 3.6 V
- Operating temp 0– 40 °C, 5-85 % RH (Non-condensing)

Weight: 208 g (260 g incl wall bracket)

Dimensions(WxLxH): 111.9 mm x 109.8 mm x 35.2 mm

Hypercell INR18650-1S1P, Li-Ion, 3.6 V 2600 mAh

Ports:

- 1 x Ethernet RJ45
- 1 x USB 2.0

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
- EMC Directive 2014/30/EU
- RoHS Directive 2015/863/EU amending 2011/65/EU

Other certifications

- Zigbee 3.0 certified



EN 50131-1:2006+A3:2020

- Grade 2, Class II, internal

EN 50131-3: 2009

EN 50131-6:2017+A1:2021, Type A

EN 50131-5-3:2017

EN 50136-2:2013, ATS :DP1

EN 50131-10:2014

EN 50130-4:2011+A1:2014

EN 50130-5:2011

Certified by Kiwa Nederland B.V

Supplied by Onesti Products AS

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