Smartbridge 9202N Smart Home Sensor Installation Guide

Smartbridge 9202N Smart Home Sensor

Contents

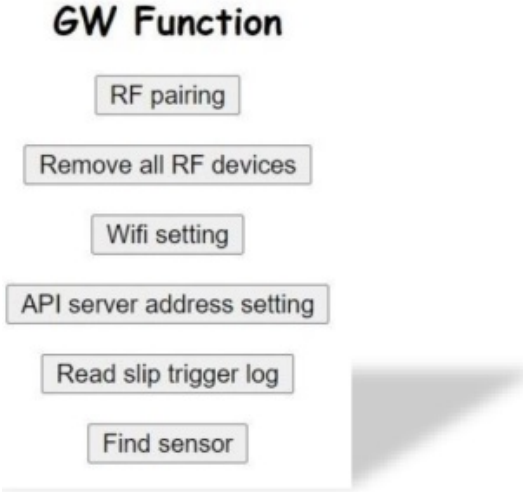
Preparation

Equipment Required: SmartPhone or Laptop, WiFi Router Application: Web Browser (Microsoft Edge/ Google Chrome/ Safari…) 9abcx-rf is only a sensor, so it must be combined with gateway 8811 to work

Product Photo

Gateway Installation

1.1. Install Gateway Power on the Gateway, the Indicator Light turns Red.
1.2. Indicator Light flashes rend and greed for next installation (AP-Mode)
1.3. Turn on WiFi Setting on SmartPhone/Laptop and connect to Gateway SSID. The format is like ”SBI-GW-XXXXXXXXXXXX”, and password ”12345678”.
1.4. Turn on web browser and enter“http://10.42.0.1:8000” (AP-mode connected address)



Setting

1.1 RF pairing Process the pairing process for Gateway and Sensor Press “RF pairing” on web browser and take

a fine needle to press the pairing button at the bottom left of the Detector around 2-5 seconds. The Indicator light flashes green then take out the fine needle. The pairing process is done after the indicator light turns solid green for seconds. The sensor number starts from{0}, followed by {1,2…7}. (Up to 8). Check it by “Find Sensor” ->” Online Sensor” after 30 seconds after pairing. (Section 1.6)

1.2 Remove all RF devices Remove all the pairing between Gateway and Sensors Press ”Remove all RF” on web browser and all the pairing between Gateway and Sensors are invalid.

1.3 WiFi Setting Connect Gateway to WiFi router and connect it by http:// :8000. (Client mode). Select the WiFi SSID and enter password of your router. It takes 3-5 minutes for WiFi setting. The Indicator Light turns to Blue after the WiFi setting is completed. (Blue for Internet accessible; Red means Internet non-accessible)

1.4 API server address setting Modify the server address You can configure the server address for data upload by this option (http://server IP). To upload the Gateway heartbeat and event record. Please find the API document provided by SBI for more detail.

1.5 Read slip trigger log Read the fall down event record You can check the time record table of fall down event from this option. It will keep the last 50 data. The data will be completely removed and re-recorded after Gateway power

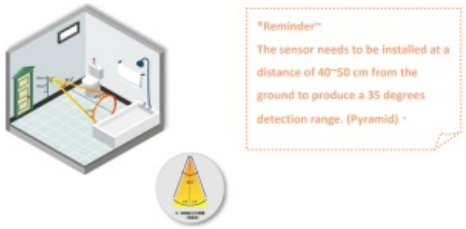
1.6 Find Sensor Check all the pairing list and status of Gateway and Sensors Online sensor: The sensor list for pairing to Gateway and online. Ex: Sensor {0} Offline sensor: The sensor list for pairing to Gateway and offline. NULL means none. Not paired: The sensor list that are not paired with Gateway. (Sensor 1 to 7)

Fall Down Detector Installing and Testing

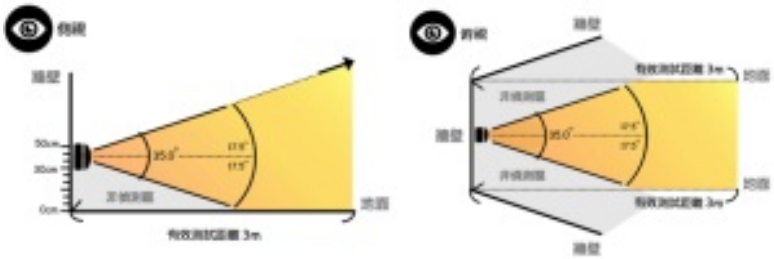
1. Please place the sensor to the place where you prefer. Such as bathroom, bedroom or bedside etc.
   (*NoteIllustrate it by bathroom)
2. Find a suitable wall for installing the detector under the detected area. (refer to below photo)
3. Install location: Find the position where the wall is 40-50 CM away from the ground. (mark)
4. Attach the top of sensor to the mark and install completed.
   ReminderBe sure to process pairing before installation.
   The distance should not exceed 1 meter while pairing
5. The fall down detector will perform self-environment calibration after re-power. The indicator light will start to

flash. It keeps on for test starting. And the indicator light turn off after testing done. It takes around 2 minutes. Please keep the detected area empty under calibration.

6. Make sure the indicator light turns off and ready for testing. A person walk into the detected area and falls down (LED flashes red light), lying down and last for about 30 seconds without sharp movement). The indicator light will stay on Red and the fall down event is triggered by sensor.



Schematic diagram of sensor light emission (side view/top view)



The standard USB cable for fall down detector is 80 cm length. If that is not suitable for usage and it is recommended to purchase a dual-connected USB extension cable on the market.
Here is download site for our user manual: Chinese website: **http://www.smartbridge-info.com** English website: **http://www.smartbridge-tech.com**

- The standard USB cable for fall down detector is 80 cm length. If that is not suitable for usage and it is recommended to purchase a dual-connected USB extension cable on the market
- Here is download site for our user manual:
  Chinese website: **http://www.smartbridge-info.com** English website: **http://www.smartbridge-tech.com**

[Warning]

Herty, Smart Bridge Information Inc. declares that this 8811S-GW&9202N-RF in compliance with the essential requirements and other relevant provisions of
Of Directive 2014/53/EU.
In accordance with Article 10(2) and Article 10(10), this product allowed to be used in all EU member states.
Use the 8811S-GW&9202N-RF in the environment with the temperature between 15 degree and 33 degree in Celsius.
Adapter shall be installed near the equipment and shall be easily accessible. The plug considered as disconnect device of adaptor Adaptor Model: PG062-0501000EB
Input AC: 100-240V 50/60Hz 0.3A Output: DC 5.0V, 1A
Manufacture: Pgtec Technology Co., Ltd.
Address: 3 rd Floor, Building A, Yinhai Industrial Park, Nanming Road, Guangming District

E-mail: **tonyliu@hkpgtec.com**

FCC Statement

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

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:

— 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 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.

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 & your body

Documents / Resources

	Smartbridge 9202N Smart Home Sensor [pdf] Installation Guide 9202N, 2A3TJ-9202N, 2A3TJ9202N, 8811G, 2A3TJ-8811G, 2A3TJ8811G, 9202N, Smart Home Sensor, 9202N Smart Home Sensor