

SensorV-SMGW-A1

User Manual
V1.0

Revision Date: April 2025

1. Product Introduction

The Wifi Gateway is a product independently developed by VICLAN. It enables data from Bluetooth devices to be transmitted to the internet via WiFi. This allows short-range Bluetooth devices to be remotely monitored and controlled.



2. Product Specifications

Basic Information

Parameter	Description
Product Model	V-SMGW-A1
Power Supply	5V 1A adapter
Communication Method	Bluetooth to WiFi
Bluetooth Chip Brand	NRF
Communication Range	100m / 325 ft

Dimensions & Weight

Parameter	Description
Device Dimensions	70 × 70 × 25 mm
Device Weight	56g
Protection Rating	IP55

Environmental Suitability

Parameter	Range
Temperature Measurement	-40°F to 194°F (-40 to 90°C)
Humidity Measurement	10% to 90%

3. Indicator Lights

Color	Position	Meaning	Notes
Green	Left 1	Power Indicator	Always on when powered
Green	Left 2	Network Indicator	Blinking during connection
Red	Left 3	Alarm Indicator	Always on when alarming

4. Buttons & Buzzer Function

Reset to Factory Settings: Press and hold for more than 5 seconds, then short press to confirm.

Clear Alarm: Press the button during an alarm.

Sensor Alarm: When triggered, the buzzer will sound and the alarm light will turn on.

5. App Functions

Scan the QR code to download and install the **VOLCORA Hub** app. Once installed, the user will be directed to the device connection page. Alternatively, search for "VOLCORA" in the app store to download the app. Open the app and tap the "+" in the upper right corner to add a new device by following the on-screen instructions.



1. Connection Setup:

- 1.1 Power on the gateway, enable Bluetooth on your phone, and open the app.
- 1.2 Tap the “+” button, select the sensor, scan the QR code on the gateway, and wait for successful pairing. If the QR code cannot be scanned, use “Nearby Devices” to automatically search for and add the gateway. Then, rename the device and complete the setup.



Settings

Tap “Settings” on the home page to enter the settings screen. Here, you can:

View basic device information, Set data push intervals, Restore factory settings, View devices connected to the gateway



6. Frequently Asked Questions

Q: Why can't I view temperature and humidity data remotely?

A:

- 1、Check if your gateway is bound to any devices
- 2、Check the device's network status
- 3、Check your home WiFi signal

Q: Why can't I connect the gateway to my home WiFi?

A: Make sure the WiFi network is 2.4GHz. This product does not support 5GHz networks at this time.

FCC WARNING

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.

FCC warning:

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

ty 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 & your body.