



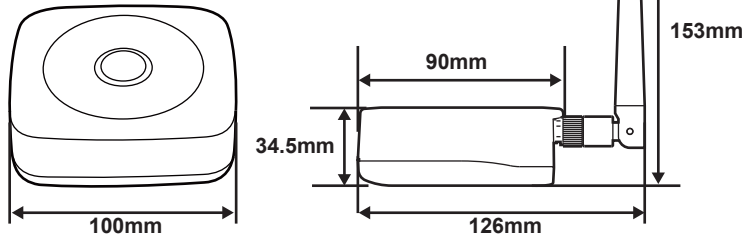
Overview

Name : Wireless Gateway with Siren

Power : (DC) 5V power

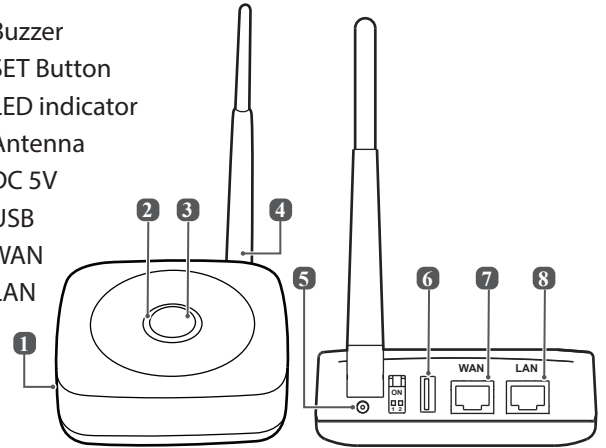
Dimension : 100 x 90 x 34.5 mm

Accessories : Adapter, Antenna, Double-side Tape



Names of Parts

1. Buzzer
2. SET Button
3. LED indicator
4. Antenna
5. DC 5V
6. USB
7. WAN
8. LAN



Features

- ❖ Wireless transmission, receiving, control and detect signal devices, real time indication
- ❖ External network via 4G module or WAN cable
- ❖ Intranet enable to connect wired IPCAM or WIFI
- ❖ Automatic joining or manual joining by button
- ❖ Build-in buzzer for voice notification
- ❖ Two color LED indicator and button function

Installation

Note: We suggest to use auto joining all device at the first time. Please refer to **APP Quick Installation Guide**.

Device Installation and Manual Joining

1. Select the proper location for installation.
2. Plug in adaptor, one side plug in the device, the other side to the wall socket.
3. After plug in the adaptor, the indicator red light blinks 10seconds afterward. It starts to blink green light, wait for 40 seconds. It boots up completely.

4. Basic Settings: Use the computer to link the gateway. There are two methods (Cable & WiFi).

Cable

It links the computer and LAN port of gateway. Please set the same website:192.168.19.XXX

WiFi

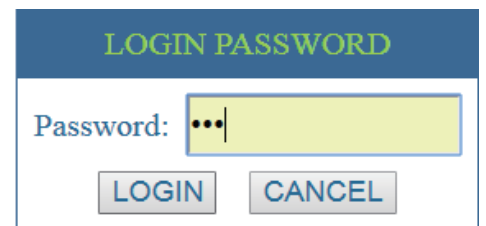
Use WIFI to link the Gateway. Original name of WIFI is on the sticker (SSID) under the gateway. password: 1234567890

Please launch browser on your PC

Input URL <http://192.168.19.254> then press "Enter" button

When appears "password input dialog", please input 123 in the PASSWORD field.
Press "LOGIN" button, then you will see the basic setting page.

5. Press the top button of the device, indicator red & green light will blink alternatively, then the system enter sensor automatic joining and IP CAM WPS joining process.
6. The indicator red light will blink while alarm occurred. Press top button of the device once, then the alarm can be disabled.



Troubleshooting

Problem	Solution
While green led blink continually which means loss of internet connection.	a. Please check NGW-230A settings to match your connect types. b. If the problem persists, please contact your local distributor.
Back to factory default settings	There are two methods : a. You can reset Gateway from webpage. Select  system item and Reset reset it. b. Long press the set button and hold it for about 15 sec until green light blinking, then release the button and press the button twice in 5 seconds. Waiting for about 15 sec until red light blinking. The device settings will be back to factory default value. Waiting for about 90 sec to reboot the Gateway.

Specifications

Wireless Gateway with Siren	
Electrical Specifications	
Transmit Frequency	IEEE802.11b/g/n: 2400 ~ 2483.5MHz IEEE802.15.4 ISM band: 2405 ~ 2480MHz
Communication Protocol	Zigbee ZHA1.2
Operation Range	Up to 300 meters (LOS)
Power Consumption	Standby Current: 250mA Operating Current: 350mA
LED Indicator	Green/Red LED Status: Trigger LED Flash Join LED Flash
Operation Interface	Push button switch for setting
AC Adapter	AC Input: AC 100V~240V 50Hz~60Hz 0.2A DC Output: DC 5V 1A (up)
Battery Type (Option)	Polymer Battery
Battery Life	10m(min)
Low battery life	10m(max)
IP Camera Connection	Max 3 Dual Stream (640x480@15 fps~ / 176x144@5 fps~)
Interface	2 x USB 2.0 ports (Host) 2 x RJ45 10/100 LAN port (1 WAN / 1 LAN)
Siren	85dB (1M)
WPS	Yes
4G General features (Option)	• WCDMA Dual-Band 900/ 2100 MHz • HSPA+ • GSM/EDGE Quad Band: 850/900/1800/1900
Environmental Requirement	
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 70°C
Humidity	90% RH Max, Non-Condensing
Mechanical Specifications	
Dimension (W x H x D)	100 x 90 x 34.5 mm (w/o antenna) 100 x 126 x 153 mm (w/ antenna)
Weight (w/o Battery)	147g

RF exposure warning statement



Federal Communications Commission (FCC) Statement

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

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 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 of the device.

FCC RF Radiation Exposure Statement:

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