



Wireless Gateway

User's Manual



1.Important Safeguards and Warnings

This section introduces content covering the proper handling of the device, hazard prevention, and prevention of property damage. Read carefully before using the device, and comply with the guidelines when using it.

Operation Requirements



- Make sure that the power supply of the device works properly before use.
- Do not pull out the power cable of the device while it is powered on.
- Only use the device within the rated power range.
- Transport, use and store the device under allowed humidity and temperature conditions.
- Prevent liquids from splashing or dripping on the device. Make sure that there are no objects filled with liquid on top of the device to avoid liquids flowing into it.
- Do not disassemble the device.

Installation Requirements



- Connect the device to the adapter before power on.
- Strictly abide by local electrical safety standards, and make sure that the voltage in the area is steady and conforms to the power requirements of the device.
- Do not connect the device to more than one power supply. Otherwise, the device might become damaged.



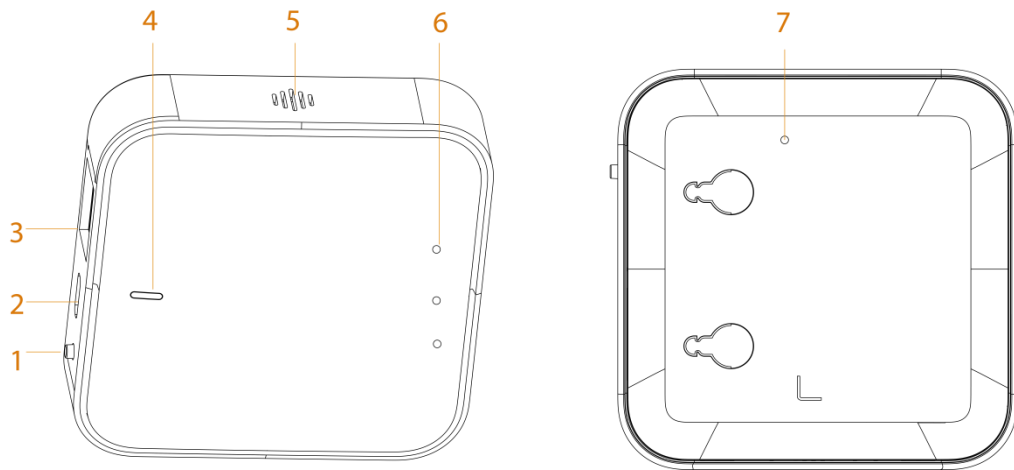
- Observe all safety procedures and wear required protective equipment provided for your use while working at heights.
- Do not expose the device to direct sunlight or heat sources.
- Do not install the device in humid, dusty or smoky places.
- Install the device in a well-ventilated place, and do not block the ventilator of the device.
- Use the power adapter or case power supply provided by the device manufacturer.
- The power supply must conform to the requirements of ES1 in IEC 62368-1 standard and be no higher than PS2. Note that the power supply requirements are subject to the device label.
- Connect class I electrical appliances to a power socket with protective earthing.

2.Introduction

2.1 Overview

The Wireless Gateway can pair with Wisualarm wireless interconnected alarms and work in conjunction with the Wisualarm app to gather data. After the successful pairing, it stays connected to your interconnected alarms at all times with instant app push notifications. In case of a fire or emergency, when one alarm is triggered, all connected alarms will sound an alarm and notifications will be sent to your smart phone, allowing you to know the danger in your home at a glance. You can receive immediate alerts and remotely operate via Wisualarm app, no matter where you are.

2.2 Product profile

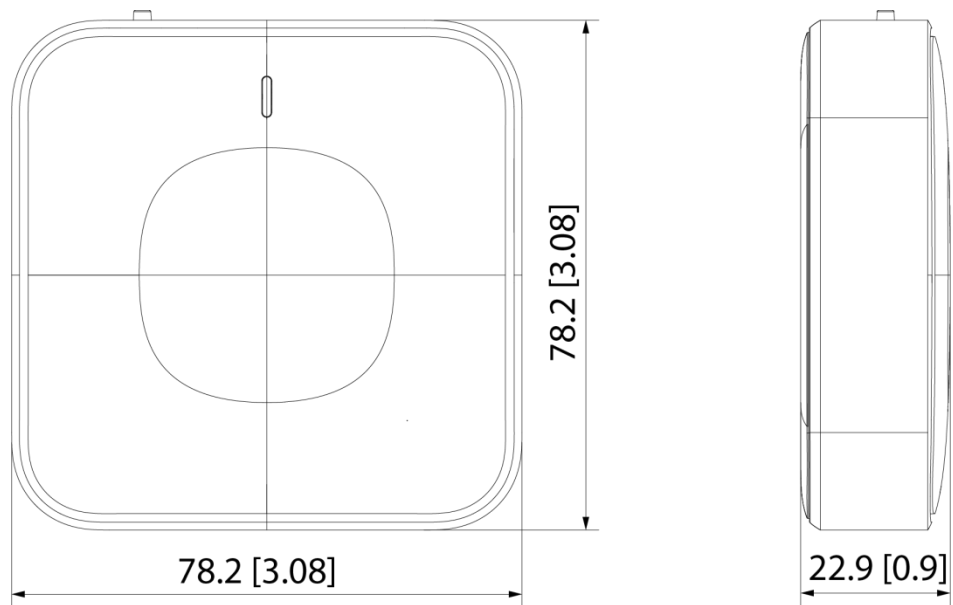


No.	Name	Introduction
1	Pairing button	Press this button to pair/unpair with interconnected alarms ● Press once: Exit pairing and AP mode ● Press 3 times: Enter pairing mode ● Press 4 times: Enter AP mode ● Press 4 times then press and hold for 3 seconds: Unpair all child devices
2	Power input	Inputs 5V/1A Power  Device damage might occur if power is not supplied correctly.
3	Ethernet port	Connect to the network with a network cable
4	Power indicator	Green indicator is constantly on
5	Speaker	Alarm Sound: 70dB (A) at 3 m (9.84 ft)

No.	Name	Introduction
6	Status indicator	● Alarm: Red indicator remains lit ● Fault: Yellow indicator remains lit ● Communication indicator: Blue indicator remains lit when the device is online and flashes when enters Wi-Fi connection.
7	Reset button	Restore to factory defaults by inserting a needle into the hole for 3 seconds

2.3 Dimensions

Figure 2-1 Dimensions (mm[inch])



3.Technical Information

Specification	Introduction
Power Supply	5V/1A
Operating Temperature	-10° C to +55° C (+14° F to +131° F)
Operating Humidity	≤95% RH (non condensing)
Alarm Volume	≤70 dB
Alarm Mode	Visual and audible alarm
Indicator Light	Alarm, fault and operation indicator
LED Instructions	● Standby: Green indicator stays on continuously ● Pairing: Green indicator flashes quickly (once per 0.5 seconds) ● Unpairing: All indicators stay on continuously for 3 seconds ● Alarm: Red indicator stays on continuously ● Fault: Yellow indicator stays on continuously ● Distributed the network successfully: Blue indicator stays on continuously ● AP distribution mode: Blue indicator flashes quickly (once per 0.5 seconds) ● Reset: Red indicator flashes quickly (once per 0.5 seconds)
App	Wisualarm (both Android and iOS supported)
Wi-Fi Frequency	2.4 GHz (Incompatible with 5 GHz Wi-Fi network)
Operating Frequency	868 MHz
Maximum Transmitted Power	14.8dBm
Wi-Fi Transmission Range	50 m (164 ft)
Wireless Protocol	IEEE 802.11b/g/n
Color	White
Casing	ABS
Dimensions	L78.2mm × W78.2mm × H22.9mm (L3.08" × W3.08" × H0.90")
Weight	60 g (0.13 lb)

Specification	Introduction
Installation	Free-standing/Wall mounting

4.Device Setup

Step 1 Logging in to Wisualarm.

Please scan the QR code below, or search for “Wisualarm” in the app store to download and install the app.

If you already use the app, make sure that you are using the latest version.



- Run Wisualarm App, and register an account for the first use.
- Connect the device to a stable and uninterrupted 2.4GHz Wi-Fi network (incompatible with 5GHz Wi-Fi network).



Step 2 Connect power cable and Ethernet cable.

Step 3 Tap "+", select “Scan QR Code” or “Add Manually”, follow the instructions to add device.

Step 4 After successful connection, the blue indicator goes solid. Then App will go back to the Device name and Room configuration page.



You can customize the names of added devices and specify the room where the devices are located. Then tap **Save**.

Step 5 Select the device, you can see the Child device list, alarm message, network status, device status, LED switch, more information, and Node testing.

5.Device Installation

5.1 Packing List

Check the package according to the following checklist. If you find device damage or any loss, contact the after-sales service.

Table 6-1 Checklist

Name	Quantity
Wireless Gateway	1
Positioning Map	1
Screw Package	1
User's Manual	1

5.2 Installation Process

The Gateway is designed to lie flat or be secured to a wall.

- Mounting on wall

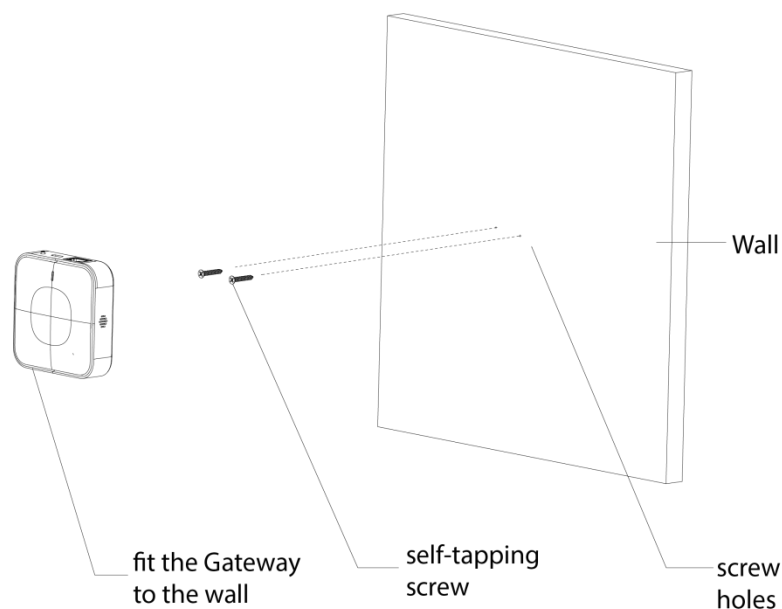
Follow below steps to install the device properly.

Step 1 Choose suitable place to install device.

Step 2 Drill holes (Φ6 mm [0.24"]) into the wall, and then align the screw holes on the wall with the self-tapping screws.

Step 3 Attach the device onto the wall.

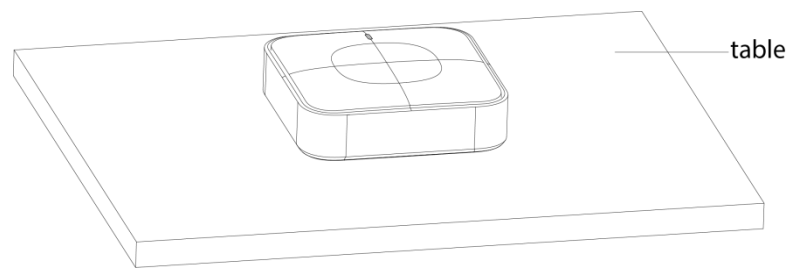
Figure 5-1 Installation (1)



- Placing on table

Choose a suitable place to put the device. Please ensure a stable and flat placement.

Figure 5-2 Installation (2)



6. Discard



Waste electrical products should not be disposed of your other household waste. Please dispose in an environmentally friendly manner, and strictly follow the local regulations regarding the disposal or recycling of the electrical device.



WARNING

Do not burn or throw into fire.

7.Warranty and Contact

If you need after-sales service, please contact your local dealer or retailer.

Western EU Importer: Dahua Europe B.V.

Address: Houtsingel 19, 2719EA Zoetermeer, The Netherlands

Email address for service purposes: support@wisualarm.com

CEE & Nordic Importer: Dahua Technology Poland Sp. z o.o.

Address: ul. Salsy 2, 02-823 Warszawa

Email address for service purposes: support@wisualarm.com

UK Importer: Dahua Technology UK Ltd.

Address: 3rd Floor, Quantum House, 60 Norden Road, Maidenhead, SL6 4AY

Email address for service purposes: support@wisualarm.com

Germany Importer: Dahua Technology GmbH

Address: Niederkasseler Lohweg 185, 40547 Düsseldorf

Email address for service purpose: support@wisualarm.com

8. Documents

The full text of the EU declarations of conformity and EU declarations of performance is available at the following internet address: <https://en.wisualarm.com/en/Download>

The batteries contained in the product, if any, have been tested in compliance with Regulation (EU) 2023/1542.