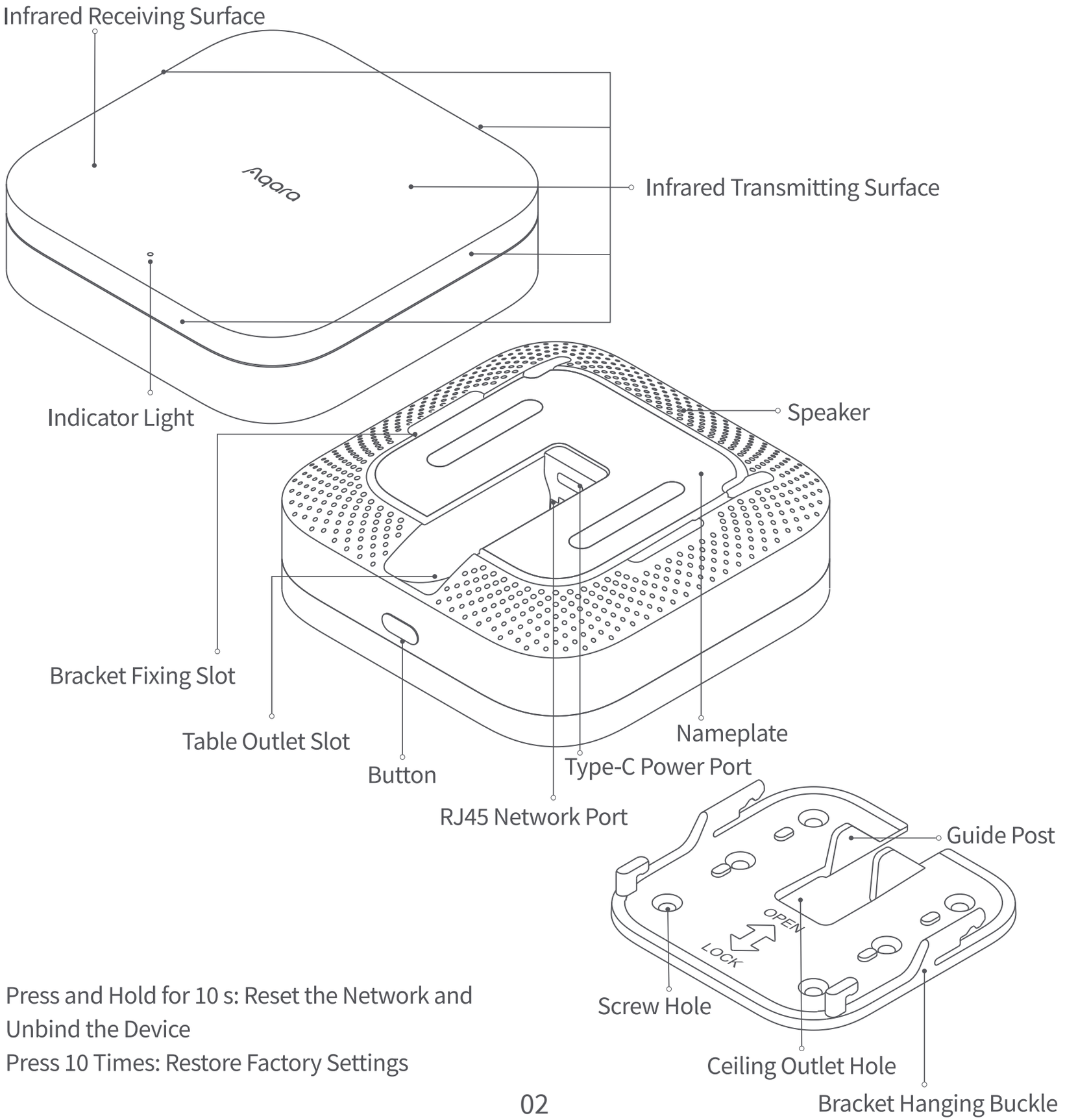

Aqara

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Product Introduction

The Hub M3 is Aqara's first border router product that supports Thread protocol, as well as a multi-mode hub that supports Zigbee 3.0 and Bluetooth protocol child device. Together with the newly upgraded cross-LAN and cross-hub local automation control capability and Matter access capability, it emerges as Aqara's next-generation smart home control hub. Using ARM dual-core A7 architecture main control chip, with a working main frequency of 1 GHz, M3 can easily cope with various data processing and automation control and execution. Network connection supports wireless connection with 2.4 GHz and 5 GHz dual-band Wi-Fi protocols, while also retaining wired network connection with an RJ45 interface and supporting PoE power from that interface. In addition to being powered by an adapter, the USB-C interface is also equipped with data communication capabilities that can be extended for use with other peripherals. The infrared remote control function has been comprehensively upgraded with six high-power infrared transmitter tubes distributed on the front and four sides of the product to ensure all-around coverage of infrared control signals in large spaces and reliable control of long-range infrared devices. A hub cluster can be built by networking multiple M3s for a hub, which can then be used for localized networking control over a larger area. M3 also has a hub replacement function, which can quickly replace other faulty hubs to maintain the health of the IOT system networking. In addition, the built-in 8 GB large-capacity eMMC storage allows for more localized storage of user data, reducing cloud dependency and ensuring user privacy and security. The built-in RTC clock system can maintain stable calibration of the devices inside the IOT system in case of network disconnection, ensuring stable and reliable automation execution. In addition to accessing the Apple HomeKit platform, this product can also access all IOT platforms that support the standard Matter protocol, and supports both table placement and ceiling mounting.



Press and Hold for 10 s: Reset the Network and Unbind the Device

Press 10 Times: Restore Factory Settings

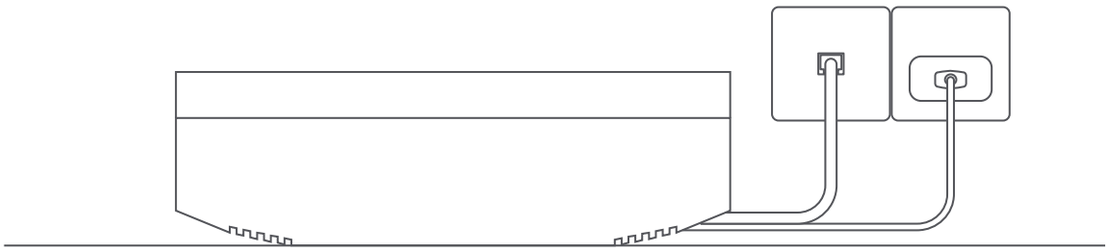
Device Installation

1. Select the installation location

Table placement, wall mounting, ceiling mounting can be selected for this product, and the instructions are as follows.

Table Placement:

Place it on a flat table and be careful that the infrared emitting area on the front of the product is not covered by any objects, and do not place other objects around the placement position that block the infrared signal penetration. (Bracket is not needed when using table placement method.)



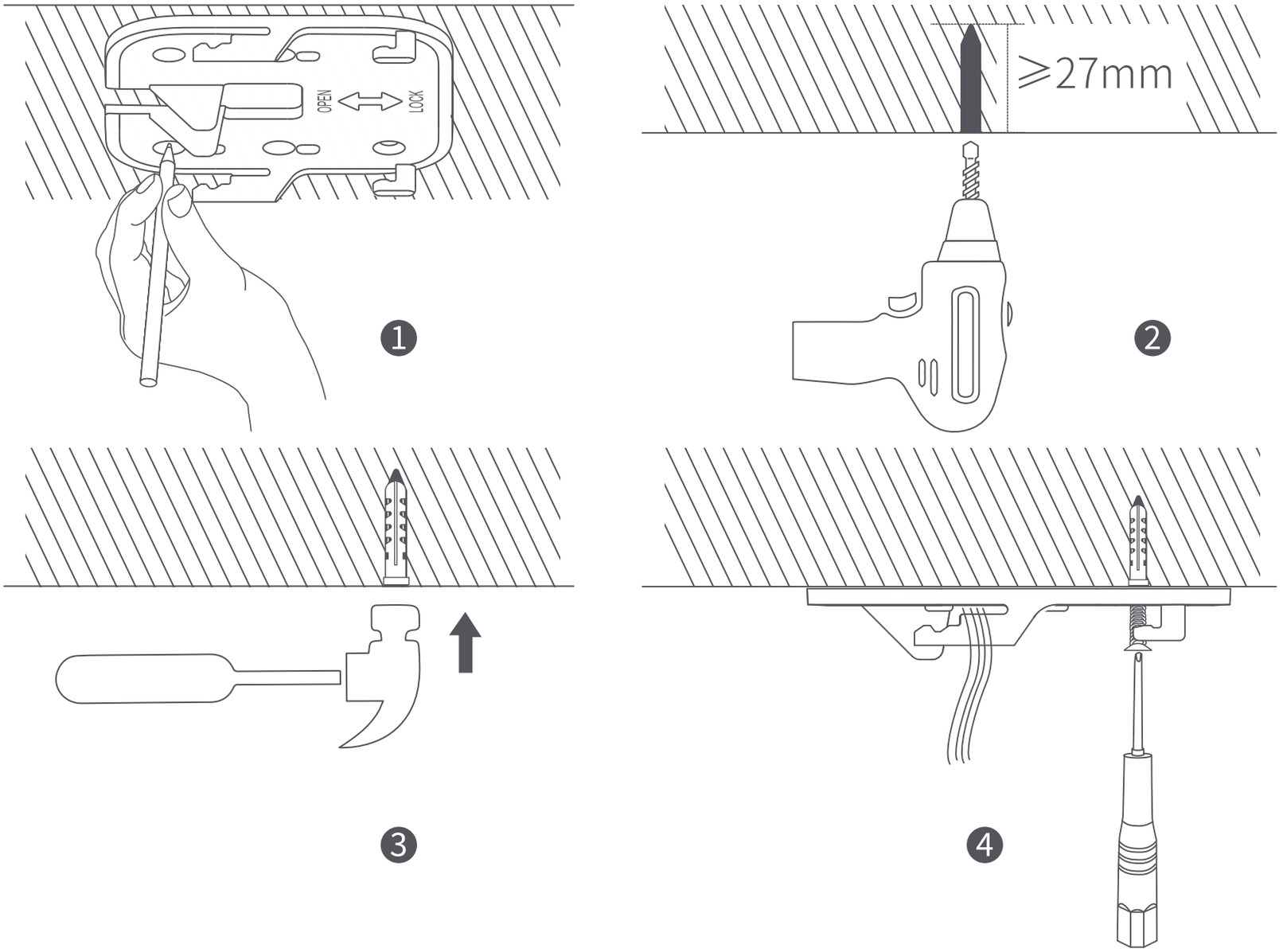
Wall mounting and ceiling mounting(The following content takes ceiling mounting as an example)

❶ Press the bracket firmly against the ceiling and use a marker or similar tool to trace through the screw holes to mark the location of the holes.

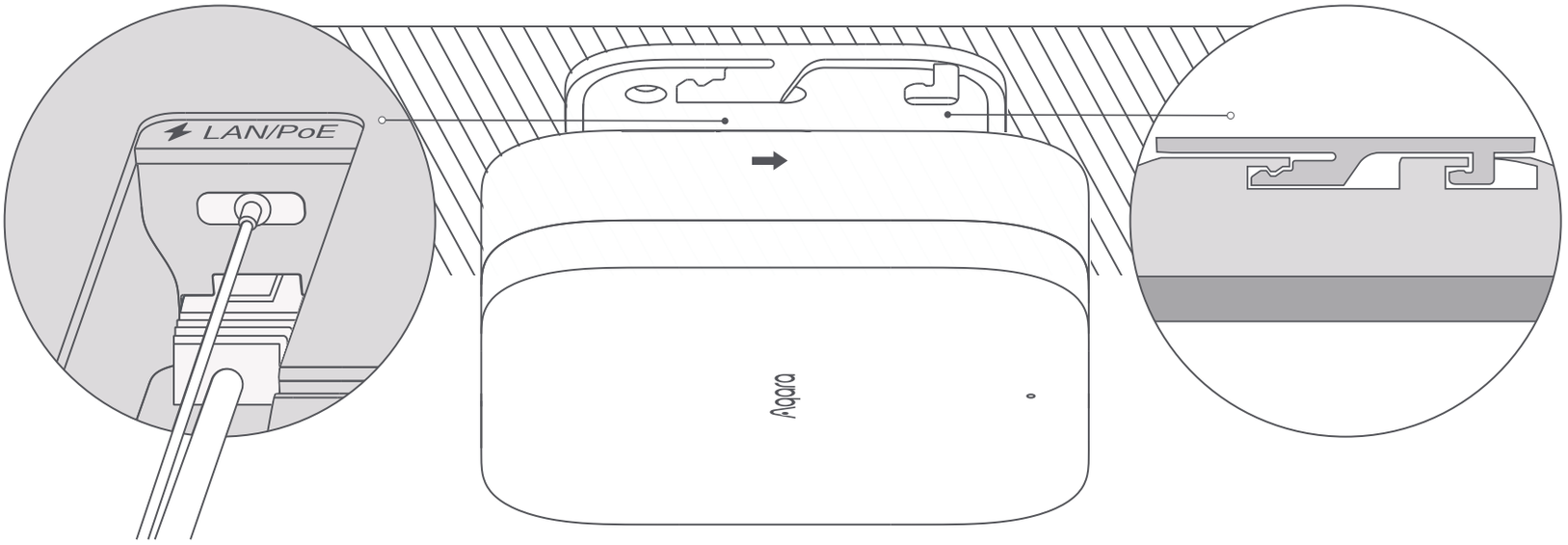
❷ Use a ϕ4 diameter drill bit to drill holes according to the marked positions, with a hole drilling depth ≥ 27 mm

❸ Use the tool to hammer the 4 expansion tubes into the drilled holes to ensure a flat surface

4 Lock the bracket into the expansion tube hole in the direction shown in the picture (if there is a power cable or Ethernet cable at the top, please thread the cables through the bracket wiring hole first, and then tighten the screws)



5 Align the bracket hole at the bottom of the device with the bracket buckle, and push the product body in the opposite direction of the bracket hooks until it is buckled tight (make sure the power cable or Ethernet cable is properly connected before it is tightened).



❺

2. Select the power supply method

This product can be powered either through USB-C interface or PoE power using an RJ45 network port, please select according to the actual situation of the installation location.

3. Select the networking method

(1) Wireless Connection

The device supports connecting dual-band Wi-Fi networks After the device is powered on, please follow the app guidance to complete the wireless network connection.

(2) Wired Connection

Using a wired connection can avoid the instability issues caused by environmental interference in wireless connections. It is recommended to use a wired network to connect this product. After the device is powered on, please follow the app guide to complete the wired network connection.

Device Binding & Initialization

1. Download the app

Search for "Aqara Home" in the Apple App Store, Google Play, Xiaomi GetApps, Huawei App Gallery, or scan the following QR code to download the Aqara Home app.

2. Add the product to the Aqara Home app

Please open the Aqara Home app, tap “Home” and then tap “+” in the top right corner to enter the “Add Device (Accessory)” page, select “Hub M3”, and add it according to instructions in the Aqara Home app. After a successful connection, the status indicator light will be solid blue.

- This product supports the Aqara MagicPair technology and the device can be automatically discovered by the Aqara Home app when it is powered on and in network connection mode. Please select the device and follow the instructions in the app to complete the network configuration.
- During the network setup, keep your phone as close to the device as possible, and make sure that the Wi-Fi network connected to the phone is the same network that the product will be connected to.
- This product requires a second confirmation during the network setup process. Please follow the app instructions to scan the QR code on the product side or the User Manual or enter the 8-digit pairing code to ensure that the product is added successfully.

Common reasons for binding failure:

1. The Wi-Fi name or password contains special characters that are not supported by the device, resulting in failure to connect to the router. Please change it to a commonly used character and try again.
2. Check if your router has enabled Wi-Fi anti-leeching settings, preventing the device from connecting to the network properly.
3. Check if your router has enabled AP isolation, preventing your phone from discovering the device within the local network.

Connecting to HomeKit

Open the Apple "Home" app, click "+" in the upper right corner to enter the Add Accessories page, scan or manually input the HomeKit setup code (HomeKit QR code) on the product side or the user manual, and bind the device to HomeKit.

Common HomeKit addition failure guidelines are as follows:

1. Prompt "Unable to add accessory". Repeated connection failures have caused error information in the iOS cache to be unresolved. Please restart the iOS device (iPhone or iPad) and reset the repeater and try again.
2. Prompt "Accessory added". Please restart the iOS device and reset the repeater, then manually enter the HomeKit setup code to add the doorbell.
3. Prompt "Accessory not found". Please reset the repeater, wait for 3 mins, and add it again by manually entering the HomeKit setup code.

Note: Please keep the QR code on the product or User Manual in a safe place. If the addition fails, please press and hold the product function button for 10 s to reset the network, and then add it again.

Connecting to third-party Matter ecosystem

Please use the third-party Matter app to scan the Matter QR code on the User Manual or enter the 11-digit setup code to complete the device addition.

Open the Apple "Home" app, click "+" in the upper right corner to enter the Add Accessories page, scan or manually input the HomeKit setup code (HomeKit QR code) on the homepage of the User Manual, and bind the device to HomeKit.

3. Binding child device

1) Bind Zigbee and Bluetooth child device

Please operate according to the child device User Manual, and select the specified M3 hub to complete the addition.

2) Bind Matter Over Thread device

This product serves as a Border Router in the Thread network and supports the connection of sub-devices of the Matter Over Thread protocol. Please complete the binding operation according to the User Manual of the Thread child device (Thread devices do not need to select to specify the M3 hub during the binding process).

4. Other functions

For more device functions, please log in to the Aqara Home app to explore them.

Description of Indicator Lights

Indicator Light Status	Device Status
Solid Yellow Light	Starting up
Flashing Yellow Light	Waiting to Connect
Flashing Blue Light	Connecting
Slow Flashing Blue Light	Connection successful and the account is binding
Solid Blue Light	Normal
Solid White Light	Start for 10 mins with No Network Configured
Flashing Purple Light	Allow Adding Child Devices
Slow Flashing Yellow Light	Firmware Upgrading
Turn off	The indicator light is turned off/the device is not powered on

Product Specifications

Model: HM-G01E/ HM-G01D

Power Input: 5 V ⎓ 2 A

Dimensions: 105 × 105 × 36.5 mm

PoE Input: 48 V ⎓ 0.27 A

Wireless Protocols: Wi-Fi IEEE 802.11 a/b/g/n/ac 2.4GHz / 5 GHz, Zigbee/Thread IEEE 802.15.4, Bluetooth 5.1

Operating Temperature: -10°C ~ 50°C

Operating Humidity: 0 ~ 95% RH, non-condensing

User Information

Communication between the hub and your iPhone, iPad, Apple Watch, HomePod, HomePod mini, or Mac is protected by HomeKit technology. The Works with Apple logo means that the accessory has been designed to work with the technology identified in the badge and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this product or its compliance with safety standards.



The Bluetooth word mark and logo are registered trademarks of the Bluetooth SIG and any use of such marks by Lumi United Technology Co., Ltd. is under license. Other trademarks and trade names are the property of their respective owners.



Warning 1

1. This product is not a toy, please keep children away from this product.
2. This product is used only indoors, please do not use it in a humid environment or outdoors.
3. Pay attention to moisture-proof, do not spill water or other liquids on this product.
4. Do not place this product near heat sources. Do not place it in enclosed places unless there is proper ventilation.
5. Please do not try to repair this product by yourself, and the work should be done by authorized professionals.
6. This product and its child device are only suitable for improving the entertainment and convenience of home life, and for equipment status reminders, and should not be used as security equipment for homes, buildings, warehouses or any other places. If a user violates the user manual and this note and uses the product in the security field, the manufacturer shall not be liable for any risks and property losses caused thereby.

Warning 2

Please select an adapter with a minimum output parameter of 5V ⎓ 2A to use with the product.

Online Customer Service: www.aqara.com/support
Manufacturer: Lumi United Technology Co., Ltd.
Address: Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China.
Email: support@aqara.com

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