PChome HUB02 HUB Gen2

PChome HUB02 HUB Gen2 User Manual

Contents

PChome HUB02 HUB Gen2

Specifications:

Item	Specification
Power source 1 (External Power Adapter)	Input Power: 100-240Vac ~ 50/60Hz Output Power: 5Vdc, 1A
Proprietary RF	Proprietary 2.4 GHz: 2 Mbps, 1 Mbps
Radio type	Wi-Fi standard IEEE 802.11b/g/n 2.4GHz, CSMA/CA IEEE 802.11a//n/ac 5GHz, CSMA/CA
Wi-Fi Transmission rate	IEEE 802.11a/b/g/n/ac, wireless data rate can reach up to 433Mbps
Bluetooth	5, IEEE 802.15.4-2006, 2.4 GHz transceiver

Product Usage Instructions

LED Explanation:

- Purple Light – Explanation
- White Light – Ready For Operation
- White Light Flash – Pairing Mode (Press button for 3 times)
- Blue Light Flash – Transmitting command
- Red Light Flash x3 – Factory Reset (Press and hold button for 12 seconds)

Safety Statements:

- Federal Communication Commission Interference Statement
- FCC Radiation Exposure Statement
- IC statement

FAQ:

- **Q: How do I reset the device to factory settings?**

  A: To perform a factory reset, press and hold the button for 12 seconds.
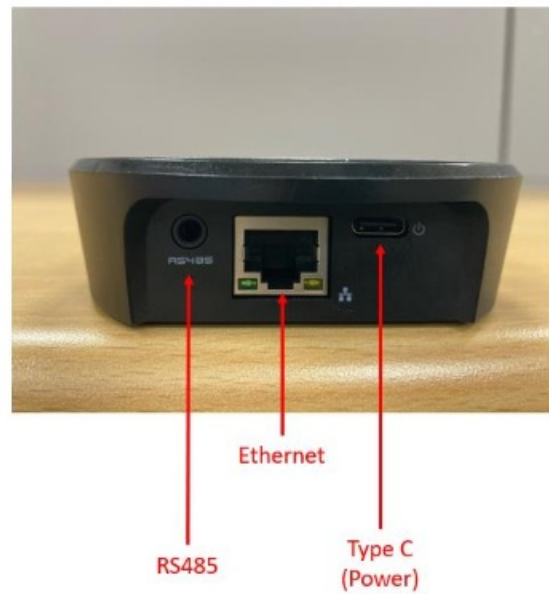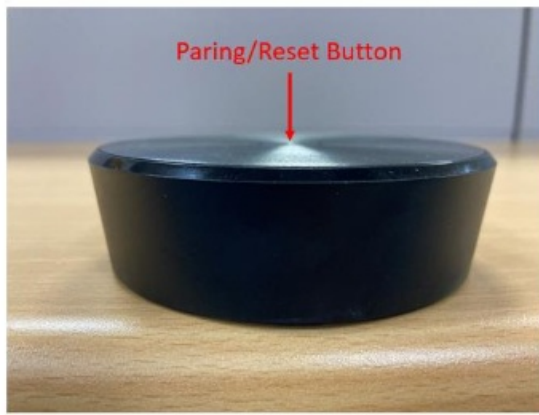- **Q: What is the transmission rate for Bluetooth?**

  A: The Bluetooth transmission rate is 5, IEEE 802.15.4-2006, operating at 2.4 GHz.

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Model HUB02

Overview

LED Explanation

Light Color	Explanation	Note
Purple Light	Warm-up	take 10 ~20's
White Light	Ready For Operation	
White Light Flash	Pairing Mode	Press button for 3 times
Blue Light Flash	Transmitting command	
Red Light Flash x3	Factory Reset	Press and hold button for 12's

Specification

NO	Item		Specification
1	Power source (External Power Adapter)		Input Power: 100-240Vac ~ 50/60Hz
			Output Power: 5Vdc, 1A
2	Radio type	Proprietary RF	Proprietary 2.4 GHz: 2 Mbps, 1 Mbps
		Wi-Fi standard	• IEEE 802.11b/g/n 2.4GHz, CSMA/CA • IEEE 802.11a//n/ac 5GHz, CSMA/CA
		Wi-Fi Transmission rate	IEEE 802.11a/b/g/n/ac, wireless data rate can reach up to 433Mbps
		Bluetooth	5, IEEE 802.15.4-2006, 2.4 GHz transceiver
		Bluetooth Transmission rate	• **Bluetooth 5:** 2 Mbps, 1 Mbps, 500 kbps and 125 kbps • **IEEE 802.15.4-2006**: 250 kbps
3	Interface		Ethernet 1 x 10/100 Mbps LAN Port
			USB Type-C charging Port
			RS-485 TIA/EIA-485A standard, Phone Jack Port
4	Operating system		Embedded Linux
5	Memory		SPI NAND Flash 1Gbit
6	Operation temperature		0°C ~45°C
7	Operating humidity		20% to 90% relative humidity, noncondensing
8	Storage temperature		-10°C ~65°C
9	Dimension (mm)		Ø93.9mm*27.8mm
10	Weight (g)		70g

Safety Statement

Federal Communication Commission Interference Statement

- 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 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.

FCC Caution:

- To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
- (Example – use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

- This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.
- This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

IC statement
This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Frequency range:

CE Warning

	FCC	IC	CE
Wi-Fi 2.4 GHz	2412 – 2462 MHz	2412 – 2462 MHz	2412 – 2472 MHz
Wi-Fi 5 GHz (Band 1 & 2)	5180 – 5320 MHz	5180 – 5320 MHz	5180 – 5320 MHz
Wi-Fi 5 GHz (Band 3)	5500 – 5700 MHz	5500 – 5580 MHz 5660 – 5700 MHz	5500 – 5700 MHz
Wi-Fi 5 GHz (Band 4)	5725 – 5850 MHz	5725 – 5850 MHz	N/A

EU: max. EIRP: 20 dBm (2.4 GHz) / 23 dBm (5 GHz)

AT	BE	BG	CZ	DK
EE	FR	DE	IS	IE
IT	EL	ES	CY	LV
LI	LT	LU	HU	MT
NL	NO	PL	PT	RO
SI	SK	TR	FI	SE
CH	UK(NI)	HR		

Indoor use only for WLAN 5150-5350MHz.

Documents / Resources

PChome HUB02 HUB Gen2 [pdf] User Manual
HUB02, Q3V-HUB02, Q3VHUB02, HUB02 HUB Gen2, HUB02 HUB, HUB Gen2, HUB

References

- **User Manual**