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Inside

Bluetooth MESH(SIG) Gateway
User Manual

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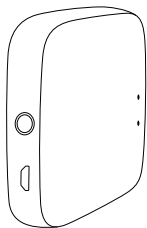
Product Description

Bluetooth MESH (SIG) gateway is composed of highly integrated wireless WIFI module, Low energy wireless bluetooth module and main board.Through the Tuya Smart APP, users can implement device addition, device reset, third–party control, and Bluetooth (single point & mesh) group control to meet smart home and other applications.

Specifications

Physical features

Size	65*65*14.5mm
Net weight	29g
Status LED indicator	2 LED
Button	1 (reset)
Power	Micro USB DC5V
Working current	<1A
Adaptor output	5V 1A
Working temperature	–10–55℃
Working humidity	10%–90%RH (non-condensing)
Storage temperature	–20–60℃
Storage humidity	5%–90%RH (non-condensing)
Hardware interface	1 Micro–USB

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Wireless technology	WIFI 802.11 b/g/n
	Bluetooth single point & Mesh
Antenna type	Built–in onboard antenna

RF characteristics

	WIFI	Bluetooth single point&Mesh
Wireless frequency	2.400 ~2.4835GHz	2.400–2.4835 GHz
Network standard	WIFI 802.11 b/g/n	Bluetooth single point&Mesh
Transmission power	21dBm	7dBm
Channel	CH1–CH11	CH0–CH39 channel 2402MHz;2404MHz; 2406MHz;2408MHz; 2410MHz;2480MHz one channel is added every 2MHz.
Transmission speed	11b:1,2,5.5,11 (Mbps) 11g:6,9,12,18,24, 36,48,54(Mbps) 11n:HT20 MCS0~7 11n:HT40 MCS0~7	1Mbps（BLE 4.2) 2Mbps（BLE5.0)

Network performance

Wireless encryption	AES 128bitencryption
	WPA–PSK/WPA2–PSK, WPA/WPA2 security Mechanism
Network management	long distance App configuration
	WIFI module firmware upgrade
	bluetooth module firmware upgrade

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Packing list

- Bluetooth MESH（SIG）gatewat x1
- Power cable x1
- User manual x1

65mm

65mm

14.5mm

Bluetooth status
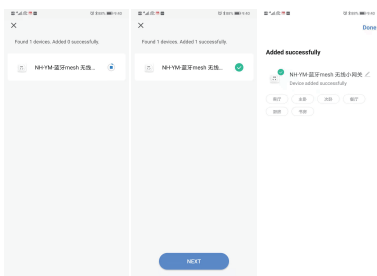
Reset Button

Power Socket
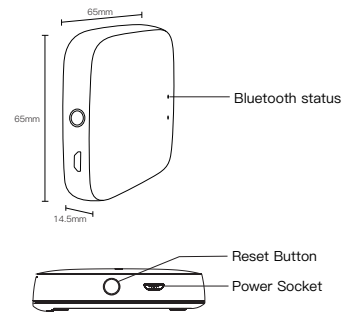
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Status indicator and reset

Blue: bluetooth status

- Flashing means to be connected and allowed to connect to the network
- keep "on" for a long time, which means device is activated
- keep "off" for a long time, which means device is not activated

Reset method: Press and hold the button for 5 seconds and see the blue indicator flashing several times,which means the reset is successful.

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- Select 2.4GHz Wi–Fi network and enter password. Please confirm the blue indication is flashing for normal pairing.

- The connection will take about 30–120 seconds, depending on your network condition

- Once the device has been added successfully,you will be able to find the device on"My Home" page

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