MOES
HOME . SMART MOES HOME

Instruction Manual
ZigBee+BLE Mesh Gateway & IR Remote 2-in-1

English

WORKS WITH alexa
WORKS WITH Google Assistant

MHUB-YR-W-IR-MS-CL03

- Bitte scannen Sie den QR-Code, um das deutsche Handbuch, das Installationsvideo und die Funktionseinführung zu erhalten
- Escanee el código QR para obtener el manual en español, el video de instalación y la introducción de la función
- Veuillez scanner le code QR pour obtenir le manuel en français, la vidéo d'installation et l'introduction des fonctions
- Отсканируйте QR-код, чтобы получить руководство на русском языке, видео по установке и описание функций
- Scansionare il codice QR per ottenere il manuale in italiano, il video di installazione e la guida alle funzionalità. Video di installazione e funzionalità
- Leia o código QR para obter o manual em português, o vídeo de instalação e a introdução das funções
- Zeskanuj kod QR, aby uzyska instrukcje, filmy instalacyjne i funkcje
- من فضلك قم بسح رمز الاستجابة السريعة(QR-code)للحصول على دليل الستخدم باللغة العربية وفيدو التثبيت ووصف الوظائف

请扫描二维码获取中文的说明书、安装视频及功能介绍

Introduction and functions

Wireless Smart Multi-function Gateway allows intelligent products with a variety of different protocols (BLE Mesh, ZigBee) to perform information interaction, and has a built-in infrared transmitter module, which can also infrared control other infrared electrical equipment in the home. Say goodbye to the network cable and realize the communication with the cloud and mobile App by connecting to the wireless network. Users can easily view and control the smart devices at home on the App. The local scene and linkage can also be realized when the network is disconnected.
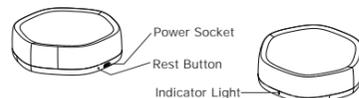
Packing list

Wireless Smart Multi-function Gateway	x1
Micro USB power cable	x1
Reset pin	x1
User manual	x1

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Specification

Model	MHUB-YR-W-IR
Size	86*90*26.5mm
Working temperature	-10℃ ~ +55℃
Working humidity	10%~90%RH
Power input	DC5V 2A (Micro USB)
Connection method	WiFi 2.4GHz 802.11b/n/g
GateWay protocol	ZigBee,BLE Mesh
IR frequency	38KHz
Control range	360°
Control distance	10m

Product structure drawing

Power Socket
Rest Button
Indicator Light

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Preparation for use

① Download MOES App on App store or scan the QR code.

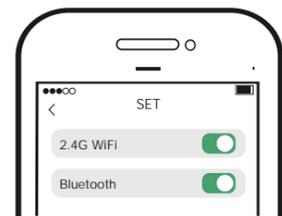GET IT ON Google Play
Download on the App Store

Moes application is performing with much more compatible than Tuya smart / smart life application. It also provides a new customized service for controlling scenes through Siri, widgets and scene recommendation. (Note: Tuya smart / Smart Life app is still working, but moes app is highly recommended)

② Registration or Log in.
• Download "MOES" Application.
• Enter the Register/Login interface; tap "Register" to create an account by entering your phone number to get verification code and "Set password". Choose "Log in" if you already have a MOES account.
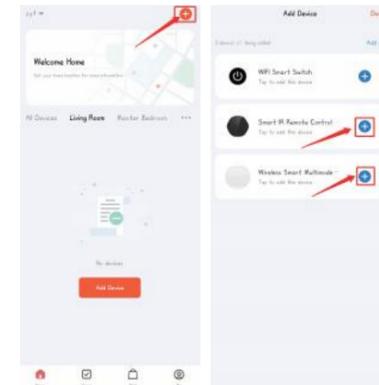
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Steps for connecting the APP to the device

1. Gateway plugged into power cord.
2. Make sure your phone is connected to Wi-Fi and Bluetooth.

SET
2.4G WiFi
Bluetooth

3. Reset：Use the reset pin to press and hold the reset button on the gateway for 5 seconds to reset,The red and green indicators flash alternately rapidly, and the product enters the network configuration stage.
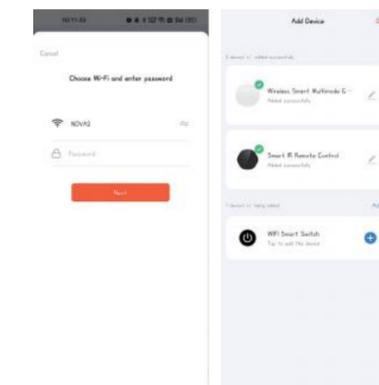
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4. Open MOES App,click to add device, then the prompt page will automatically show on the screen.- Click "Add", Select the device you want to add and click "+".
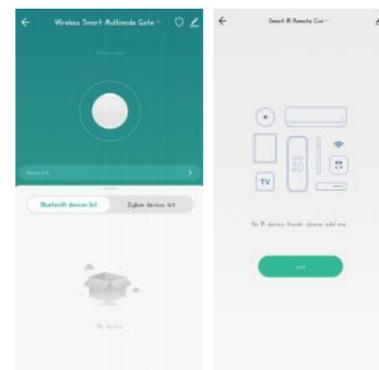
Welcome Home
Add Device

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5. Enter Wi-Fi Password and click "Next",waiting for completing the connection.Add the device successfully, you can edit the name of the device to enter the device page by click "Done" .

Choose Wi-Fi and enter password

Add Device

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6. enjoy your smart life with home automation.

Wireless Smart Multinode Gate...
Smart IR Remote Con...

Infrared control function

1. The infrared control function can be learned and expanded through corresponding operations, and is compatible with more infrared home appliances;

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2. Support Amazon Alexa and Google Assistant, Jingdong Dingdong, Tencent Cloud Xiaowei, Baidu Xiaodu, Xiaomi Xiaoai, Tencent Cloud Dingdong and other voice assistants to control the infrared control function of the gateway. For specific operation methods, please refer to the voice assistant related instructions.

Reset network configuration

Long press the reset button with the reset pin for 5 seconds to reset the network configuration of the device.

Indicator status description

Gateway status	Indicator status
Network configuration	Red, green light flashes
Network configuration is successful	Red, green light goes out
Network configuration is successful, but unable to connect	Red, green light goes out
Transmit infrared signal	Green light flashes once
Sub-device addition status	Blue lights flash
Sub device added successfully	Blue light turns off
The gateway is not activated, and the communication between the gateway and the sub-device is not set up	Blue light is always on

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FAQ：

1. Can gateway/router control Zigbee devices on upper and lower floors or through the wall?
It is possible to control the devices through the wall, but the specific distance depends on the thickness and the material of the wall. It is hard to control the devices on upper and lower floors and you can have a ZigBee repeater to effectively expand the range of ZigBee communication network.

2. What should I do if the signal coverage of gateway/router is poor?
This is related to the location of the gateway/router and its distance from the sub-devices;There should be more than 2 gateways/routers needed for large flat floor, villa and other environments or with the ZigBee repeater required.

3. Can sub-devices on different gateways be linked?
Hello, yes, not only the cloud link, but also the local linkage of multiple gateways in the same LAN supported,and the sub-device linkage can still be performed efficiently when the network is disconnected or the cloud problem occurs,(the premise is that there is at least one gateway featured with strong performance, such as a wired ZigBee gateway).

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4. What if the sub-devices fails to be added to the gateway?
Hello, please make sure that you have reset the sub-device for configuration state. It may also be due to insufficient wireless signal strength. Ensure that there is no metal wall barrier or interference from high-power electrical appliances between the gateway device and its sub-devices (it is recommended that the distance between the gateway device and its sub-devices shall less than 5 meters with no wall).

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SERVICE

1. During the free warranty period, if the product breaks down during normal use, we will offer free maintenance for the product.

2. Natural disasters/man-made equipment failures, disassembly and repair without the permission of our company, no warranty card, products beyond the free warranty period, etc., are not within the scope of free warranty.

3. Any commitment (oral or written) made by the third party (including the dealer/service provider) to the user beyond the warranty scope shall be executed by the third party.

4. Please keep this warranty card to ensure your rights.

5. Our company may update or change the products without notice. Please refer to the official website for the updates.

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RECYCLING INFORMATION

All products marked with the symbol for separate collection of waste electrical and electronic equip ment (WEEE Directive 2012/19 / EU) must be disposed of separately from unsorted municipal waste. To protect your health and the environment, this equipment must be disposed of at designated collection points for electrical and electronic equipment designated by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences for the environment and human health. To find out where these collection points are and how they work, contact the installer or your local authority.

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WARRANTY CARD

Product Information

Product Name_____
Product Type_____
Purchase date_____
Warranty Period_____
Dealer Information_____
Customer's Name_____
Customer Phone_____
Customer Address_____
_____

Maintenance Records

Failure date	Cause Of Issue	Fault Content	Principal

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