85mm
90mm

**MOES**
HOME, SMART MOES HOME

works with
Tuya

# Instruction Manual
## CO₂ T&H Detector
## WiFi

CO₂ ppm
0528
80°F  45%

**English**

WSS-FB-CO2-U-MS-DM03

- 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 uzyskać instrukcję, filmy instalacyjne i funkcje
- QR コードをスキャンして、日本語のマニュアル、インストールビデオ、機能紹介を手に入れてください
- QR 코드를 스캔하면 한국어 설명서, 설치 동영상, 기능 가이드를 볼 수 있습니다
- من فضلك قم بمسح رمز الاستجابة السريعه (QR-code)للحصول على دليل المستخدم باللغة العربية وفيديو التثبيت ورسوم الوظائف

请扫描二维码获取中文的说明书、安装视频及功能介绍

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## Warnings

1. Do not disassemble, reassemble, modify or attempt to repair this product by yourself. This work should be performed by authorized professionals.

## Product description

A carbon dioxide detector is a device used to detect the concentration of carbon dioxide in the environment. It usually uses the infrared absorption to detect carbon dioxide gas, which has a specific absorption wavelength in the infrared band. A carbon dioxide detector is a very useful device that can monitor and control carbon dioxide concentrations in many areas.

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## Product Introduction

Wi-Fi    Buzzer

Battery Level

CO₂ ppm
0568
29°C  66.7

Green: 400 ~ 700 ppm
Yellow: 700 ~ 1500 ppm
Red: 1500 ~ 5000 ppm

Temperature    Humidity

Carbon Dioxide

## Specification

Model: PTH-9CW
Carbon Dioxide Range: 400 ~ 5000 ppm [± (50ppm + 5%) ]
Temperature Range: –10°C ~ 40°C (±2°C) / 14°F ~ 104°F (±3.6°F)
Humidity Range: 20 ~ 80 % RH (±5 % RH)
Product Size: 98 × 90 × 40 mm
Power Supply: Built-in Lithium Battery (2400mAh)
Wireless Connection: Wi-Fi (only for 2.4GHz Wi-Fi network)
Input: 5V=1A
Packing List:
PTH-9CW × 1；User Manual × 1；TYPE-C Charging Cable × 1
Max RF Power: +16dBm
Operating Frequency: 2400Hz

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Hanging Hole

TYPE-C Charging
(5v=1A)

## Operation

Press to turn on/off the backlight in the normal mode, or to minus one in the setting mode. Long press to enter or disconnect the network configuration state.

Double click it to custom CO₂ alarm threshold.

Long press it to turn on or off.

Press it to reset with a pointed object.

Press to switch °C or °F in the normal mode, or to plus one in the setting mode.

Long press it to turn on or off the buzzer.

After powering off, long press the 3 buttons to enter calibration mode then the device begins to count down 200s on the screen. Pay attention to doing it outdoors without people.

Note: When the carbon dioxide concentration value exceeds the set alarm value and the buzzer is on, the buzzer will sound an alarm. Long press "+" button to stop the alarm.

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## Customize Sound Alarm Value

Tips:
You can customize the sound alarm value for this meter.
How to set the sound alarm value?
Double click "◎" to enter the setting. Then click "+" or "–". Click "◎" to confirm setting and go back to home page.

## CO₂ Automatic Calibration

CO₂ ppm
-on-    on    +    off    CO₂ ppm
-oFF-

Long press them at the same time.

▲ After turning on, the device automatically calibrates CO₂ concentration once every 24 hours.
▲ The time interval of automatic calibration, which will start timing after the device is turned on. During this period, if the device is shut down and restarted, it will start timing again from zero.
▲ Automatic calibration is based on the ambient air environment. If the CO₂ concentration of the environment where the equipment is located is at a high level for a long time, you can turn it off.

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## How to connect to the app

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 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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## Add Device

Method One:
1. Make sure your phone is connected to Wi-Fi and Bluetooth.

SET
2.4G WiFi
Bluetooth

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2. Scan the QR code to configure the network guide.

11:12:44    Add Device
Welcome Home
Select Gateway
Turn on Wi-Fi
All Devices  Living Room  Master Bedroom

①    ②

Scan this QR code

WIFI CO2 air box

③

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Method Two:
1. Please confirm you have enabled the phone Bluetooth, 2.4G WiFi and location service.

2. Open MOES APP, Click "🏠" at the bottom, and click the "+" in the upper right corner or the "Add Device" button in the middle.

Add Device
Create L...

(3)

(2)

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3. Long press the "–" button until the "📶" icon flashes on the screen, and the device enters the network configuration state.

4. Click "Add"when searching devices, choose your 2.4G WiFi by entering password for clicking "Next"to wait for successful device adding.

Add Device    Add Device    Add Device
Discovering device...
Select Gateway    WIFI-CO2 Detector    WIFI-CO2 Detector
Add Manually

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5. Click "Done"and enter the device page to enjoy smart life with home automation.
Note:
1. Besises the "Auto Scan" mode, you can also click "Add Manually" and follow the path "Sensors – CO2 Alarm – CO2 Detector (other)" to click on the corresponding icon and operate as prompted on the interface.

2. During the connection process, it is necessary to ensure that the device and the mobile phone are within 30 meters during the connection process, as Wi-Fi is short-distance connection.

3. During the connection process, make sure that the device and the mobile phone are in the same Wi-Fi environment, and only support the 2.4GHz Wi-Fi signal mode.

## Limited Warranty

Note:
1.Do not expose this product to water, nor place it in a high temperature environment exceeding 60°C, and keep it away from fire;
2.This product is a precision measuring instrument, and it is not allowed to disassemble the machine without authorization;
3.Can not be placed in an environment full of dust or corrosive gas for measurement；

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4.When measuring the environment in the car, please do not expose this product directly to the sun for a long time.

1 year warranty against any manufacturing defects or faulty workmanship. This warranty does not cover fuses, disposable batteries or damage from accident, neglect, misuse, alteration, contamination or abnormal conditions of operation or handling.

## WARRANTY INSTRUCTIONS

Dear Sir or Madam, thank you for purchasing the product. We hope you'll enjoy using it.
The warranty for the products in the warranty card is hereby granted as follows.
As a condition of using the warranty, you must comply with the following terms and procedures:
1. Products are covered by a 24–month warranty, effective from the date of purchase of the covered product by a retail customer.
2. In order to exercise warranty rights, the purchaser must present:
a) Warranty card, b) Proof of purchase (VAT invoice, financial receipt or other document confirming the actual date of purchase), unless the purchase date of the product comes from the warranty card.
3. If product quality problems occur within 24 months from the date of receipt, please prepare the product and packaging and

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go to the place or store where you purchased it to apply for after–sales maintenance. If the product is damaged due to personal reasons, a certain maintenance fee will be charged.
4. We recommend that you properly protect the goods when delivering them to the guarantor – for this purpose, we recom– mend that you use the original packaging with padding to ensure safe transportation. If you choose to use replacement packaging, we recommend that you ensure that the product is adequately protected from damage during shipping. We recommend that you place an appropriate sticker on your packaging indicating the product's susceptibility to impact, such as "Warning Glass".
5. Reported defects covered by the warranty will be considered immediately and no later than 14 days from the date of delivery of the goods to the Guarantor.
6. After checking and determining the legality of the warranty claim, the Guarantor's services will repair the product within a reasonable time, not exceeding 30 days from the date of delivery of the goods to the Guarantor. However, if hard–to–find spare parts are required, this deadline may extend the time it takes to deliver the part from the manufacturer's factory.
7. The warranty does not include the performance of maintenance and similar operations specified in the user manual, and users are obliged to do it themselves.
8. If defects occur due to natural wear and tear during use, the warranty does not cover it.

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9. The warranty does not cover:
a) Mechanical damage caused by the user's fault and product defects caused by such damage.
b) Damage caused by improper use of the product.
10. The rights under the guarantee will expire in the following circumstances:
a) Remove the warranty seal from the product.
b) Remove the serial number from the product.
c) Take action to eliminate physical defects in the product outside of authorized service.
d) Use non–original parts and consumables.

## FCC compliance statement

FCC Compliance Statement for PTH–9CW
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.
Note: 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 installa– tion. This equipment generates, uses, and can radiate radio

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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 or more 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.
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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure

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compliance. This transmitter must not be co–located or operating in conjunction with any other antenna or transmitter.

## RECYCLING INFORMATION

All products marked with the symbol for separate collection of waste electrical and electronic equipment (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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## Manual de instrucciones
## (Español)

### Descripción de las especificaciones

Modelo: PTH-9CW
Rango de dióxido de carbono: 400 ~ 5000 ppm [± (50ppm + 5%) ]
Rango de temperatura: –10°C ~ 40°C (±2°C) / 14°F ~ 104°F (±3.6°F)
Rango de humedad: 20 ~ 80 % RH (±5 % RH)
Tamaño del producto: 98 × 90 × 40 mm
Fuente de alimentación: Batería de litio incorporada (2400mAh)
Conexión inalámbrica: Wi-Fi (Solo para redes Wi-Fi de 2,4 GHz)
Entrada: 5V=1A
Lista de embalaje:
PTH–9CW × 1；Manual del usuario × 1；
Línea de carga Type–C × 1
Potencia máxima de radiofrecuencia: +16dBm
Frecuencia de trabajo: 2400Hz

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### Operación

Presione para encender / apagar el retroiluminación en modo normal o presione para reducir 1 en modo de configuración. Presione largo para introducir o desconectar Estado de configuración de la red.

Haga doble clic para personalizar el umbral de alarma CO₂.

Presione largo para abrir o cerrar.

Presione esta tecla para restablecer con el objeto al que apunta.

Press to switch °C or °F in the normal mode, or to plus one in Establece el modo.

Presione largo para encender o apagar el zumbador.

Después del corte de energía, presione tres botones durante mucho tiempo para entrar en el modo de calibración, y luego el dispositivo comienza a contar hacia atrás 200 segundos en la pantalla. Preste atención a hacerlo al aire libre sin nadie.

Nota: cuando el valor de concentración de dióxido de carbono supera Establece el valor de la alarma, el zumbador se enciende y el zumbador hará ruido alerta. Presione largo el botón "+" durante mucho tiempo para detener la alarma.

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### Valor de alarma de sonido personalizado

Consejos:
Puede personalizar el valor de la alarma de sonido de este instrumento.
Cómo establecer el valor de la alarma de sonido?

Haga doble clic en "◎" para ingresar a la configuración. Luego haga clic en "+" o "–". Haga clic en "◎" para confirmar la configuración y volver a la página de inicio.

### CO₂ Calibración automática

CO₂ ppm
-on-    on    +    off    CO₂ ppm
-oFF-

Al mismo tiempo, presiónelos durante mucho tiempo.

▲ Una vez encendido, el dispositivo calibra automáticamente la concentración de dióxido de carbono cada 24 horas.
▲ Intervalo de tiempo para la calibración automática que comienza a cronometrar después de que el dispositivo esté encendido. durante este período, si el dispositivo está apagado y reiniciado, volverá a cronometrar a partir de cero.
▲ La calibración automática se basa en el entorno del aire ambiente. Si la concentración de CO2 en el entorno donde se encuentra el dispositivo está en un nivel alto durante mucho tiempo, puede cerrarlo.

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### Cómo conectarse a la aplicación

① Descargar la aplicación MOES en la tienda de aplicaciones o escanear el Código QR.

GET IT ON
Google Play

Download on the
App Store

La aplicación MOES es mucho más compatible que la aplicación Tuya Smart / Smart Life. También ofrece un nuevo servicio personalizado para el control Recomendado a través de Siri, widgets y escenarios.
(Nota: la aplicación Tuya Smart / Smart Life todavía está funcionando, pero la aplicación MOES está funcionando Altamente recomendado)

② Registrarse o iniciar sesión.
- Descargar la aplicación "MOES".
- Entrar en la interfaz de registro / inicio de sesión; Haga clic en "registrarse" para crear Introduzca su número de teléfono para obtener el Código de verificación y "establecer contraseña". Si ya tiene una cuenta MOES, elija "iniciar sesión".

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### Añadir dispositivos

Método uno:
1. Asegúrese de que su teléfono está conectado a Wi-Fi y bluetooth.

SET
2.4G WiFi
Bluetooth

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2. Escanee el Código QR para configurar la Guía de red.

11:12:44    Add Device
Welcome Home
Select Gateway
Turn on Wi-Fi
All Devices  Living Room  Master Bedroom

①    ②

WIFI CO2 air box

Escanee este código QR

③

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### Instrucciones de garantía

Estimado Señor o señora, gracias por comprar el producto. Esperamos que le guste usarlo.
Se otorga la siguiente garantía a los productos en la tarjeta de garantía.
Como condición para el uso de la garantía, debe cumplir con los siguientes términos y procedimientos:
1. El producto goza de una garantía de 24 meses, que entrará en vigor a partir de la fecha en que el cliente minorista compre el producto cubierto.
2. Para ejercer la garantía, el comprador debe presentar: a) la tarjeta de garantía, b) el certificado de compra (factura de iva, recibo financiero u otro documento que confirme la fecha real de compra), a menos que la fecha de compra del producto provenga de la tarjeta de garantía.
3. Dentro de los 24 meses siguientes a la fecha de recepción del producto, si hay problemas de calidad del producto, prepare el producto y el embalaje y vaya al lugar de compra o tienda para solicitar el mantenimiento post – venta. Si el producto se daña por razones personales, se cobrará una cierta tarifa de mantenimiento.
4. La garantía no incluye:
a) Los daños mecánicos causados por la negligencia del usuario y los defectos resultantes del producto.
b) Daños causados por el uso inadecuado del producto.

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