

Air Quality Monitor Instruction Manual



22-11-V1-67 wifi

Product Specifications

Display method:
Common Screen display
Atmospheric pressure: 86Kpa - 106Kpa
Detection method for CO₂ : Infrared (NDIR)
Sampling time: 1.5 seconds
Product Size: 112 x 68 x 66mm
Detection temperature: -10°C to 50°C;
Relative humidity: 20% - 85%
Storage temperature: -10°C to 60°C;
Concentration unit for CO₂:PPM
Power source: Lithium battery with 1600 mAh capacity;
5V DC power charging via micro USB port
Product weight: 125g

Product Description

This product is an air quality monitor that detects Carbon dioxide (CO₂), Temperature, and Humidity. it combines sensors real-time monitoring of Carbon dioxide (CO₂), temperature, and humidity on its display.

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Considerations

Please read the instructions carefully before using this device.
Please let the device work short mins outdoors before use for most accurate results .
Please keep the manual handy for quick reference and troubleshooting.

Precautions

Avoid covering the air intake areas during use to avoid inaccurate measurements.
Avoid use of solvents to clean the product as residual fumes will skew air quality readings.
Avoid water or other liquids near the product to avoid electrical damage.
Do not allow unauthorized modification or repair of this product.

Features:

- Common Screen display
- Test variables:Carbon dioxide (CO₂), temperature, humidity
- Large 1600mAh capacity Lithium battery
- 5V Micro USB charging
- Low battery warning

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Instructions

1. Start Up

When you long the power button, the air quality monitor will boot up.
The min and max CO₂ value will update every 2 minutes

2. Key functions and settings



- ① Maximum CO₂ value of the last 10 minutes
- ② Minimum CO₂ value of the last 10 minutes
- ③ Left button, press to down decrease CO₂ alarm threshold, long-press to enter manual calibration
- ④ Power (on/off) / OK / alarm (on/off)
- ⑤ Right button, press to up increase CO₂ alarm threshold

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1>Alarm threshold adjustment

- a) Press power button twice quickly, the CO₂ value will flash
press left/ right button to adjust the alarm threshold, you can increase/decrease 100ppm each time.
- b) Press power button to confirm the adjustment

2>Open/close alarm sound

Single-press power button to open/close the alarm sound.

3>Manual calibration

When the CO₂ value is below 1000ppm and stable, press and hold button 3 for about 8 seconds, there will be a beep sound, the CO₂ value will flash, the CO₂ sensor starts self calibration. The CO₂ value will automatically stop flashing after 5 minutes, and then the calibration is completed. (Do not turn off the device during the calibration).

4>The min and max CO₂ value will update every 10 minutes

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3. About Charging

When low battery icon is displayed, the device needs to be charged.
Insert the included or another compatible micro USB charging cable into the device.
Attach the other end to a USB DC charger (such as a smart phone charger outputs DC 5V at >=1000mA. Fully charge the device for at least 2-3 hours before use.
Avoid charging with a USB computer port which only outputs 500mA.

4. Parameters

CO₂ technical indicators

Measuring range: 400-5000PPM Sensor for CO₂ : Infrared (NDIR)
Resolution: 1 PPM

Temperature and humidity technical indicators

Measuring range: -10-50 ° C Measurement accuracy: ±1 ° C
Humidity range: 20%-85% RH Measurement accuracy: ±4% RH

Product List

Air Quality monitor	x 1
Micro USB charging cable	x 1
Product Manual	x 1

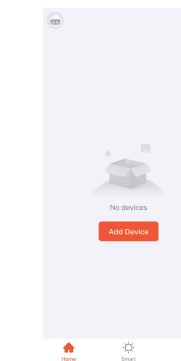
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How to connect your device to an Android or Apple iOS smartphone via Tuya Smart App

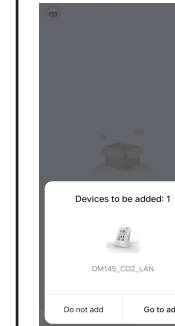
1. Download and install the Tuya Smart App through the Google Play Store or Apple App Store.Or to scan QR code (Picture 1) to download the Tuya APP. then register and login.
2. Connect your phone to a WiFi network and open the Tuya Smart App.
3. Turn on the device. the wifi symbol will flash.
4. Tuya app will automatically search the device, if not found, you can also click "add device"(Picture 2), the interface will the device symbol, click "Go to add"(Picture 3), then you need to type in the wifi information and click "Next"(Picture 4), then Tuya app will start to connect the device(Picture 5), when connect successfully(Picture 6), click "Next", move to next interface(Picture 7), click "Done", now you will see the real time testing result of the device on Tuya app(Picture 8).



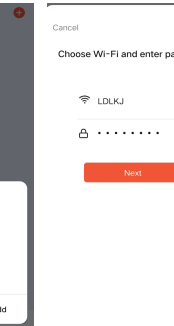
Picture 1



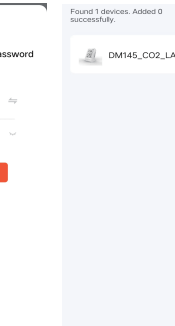
Picture 2



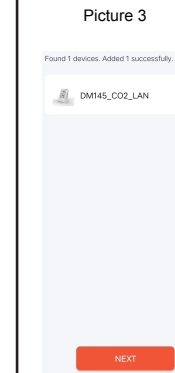
Picture 3



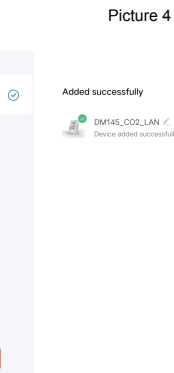
Picture 4



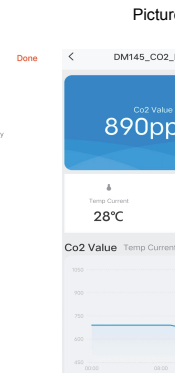
Picture 5



Picture 6



Picture 7



Picture 8

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