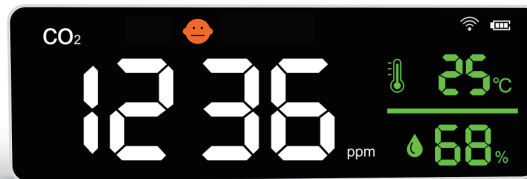


Air Quality Monitor Instruction Manual



21-10-V1-1306

Product Specifications

Display method:
LED Screen display
Atmospheric pressure: 86Kpa - 106Kpa
Detection method for CO2 : Infrared (NDIR)
Sampling time: 1.5 seconds
Product Size:270*90*35mm
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 2000 mAh capacity;
5V DC power charging
Product weight: 276g

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.

Considerations

Please read the instructions carefully before using this device.
Please keep the manual handy for quick reference and troubleshooting.

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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:

- Large screen LED display
- Support real-time testing of the concentration of CO2 air
- Support CO2 exceeding alarm
- Large 2000mAh capacity Lithium battery
- CO2 alarm threshold can be set
- Adjustable LED brightness
- Support Tuya Wifi connection

CO2 indicator:

Green: 400ppm to 1000ppm
Orange: 1001ppm to 2000ppm
Yellow: 2001ppm to 3000ppm
Red: 3001ppm to 5000ppm

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Key operation



- 1) Power button, Press to turn on/off
- 2) Up button, press to adjust
- 3) Down button, press to adjust(Long-press to open/close alarm sound)
- 4) Set button, press to enter set CO2 alarm value
- 5) DC adapter input port
- 6) LED display

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Adjust screen brightness;

After turn on, the device auto access the interface which can show CO2 current value, temperature and humidity. In this state, press "2" button to increase screen brightness; Press "3" button to decrease screen brightness.(with 6 level for brightness)

Set CO2 alarm threshold;

After turn on, the device auto access the interface which can show CO2 current value, temperature and humidity. In this state, when you press "4" button, the digits of CO2 would flash, then press "2" button to increase 100ppm CO2 alarm threshold, or press "3" button to decrease 100ppm CO2 alarm threshold.(CO2 alarm threshold area can be set to 800~2000ppm). After set well CO2 alarm threshold, press "4" button to finish.

Close/Open alarm sound

Long-press "3" button and hear a "di" sound to open/close alarm sound.

(Factory default CO2 alarm threshold is 1000PPM)

After you set CO2 alarm threshold well, when CO2 value more than CO2 alarm threshold and keep rising, the device would beep sound.
For example, you set CO2 alarm threshold to 1500ppm, once CO2 value more than 1500ppm and keep rising, the device would beep sound.

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Adjust screen brightness;

No alarm when the CO2 value drops;
For example, CO2 alarm threshold value is 1500ppm, when CO2 Value is 4000ppm and on the way drops, for example when it reach 3000ppm or 2000ppm, it wouldn't alarm.

Installation Notes

- 1)The positioning sticker is attached to the position to be installed.
- 2)Punch a 6mm hole at the 2 marked positions of the positioning sticker and drive the rubber plug into the wall.
- 3)Drive in the screws, and pay attention to about 4mm exposed. Then hang the CO2 meter up.
- 4) Connect one end of the USB cable to the USB power

adapter, and the other end (round connector) to the power input port on the side of the device(input voltage : DC5V 1A/2A)

Working method

Under normal working conditions, don't do any settings, just plug USB port to the power adapter and the DC round head into the device. You can test the current CO2 value and temperature and humidity in real time.

Automatic calibration

During the first use, please Turn on device and keep more than 24 hours, the device will automatically calibrate. (Do not power off and restart halfway when calibration)

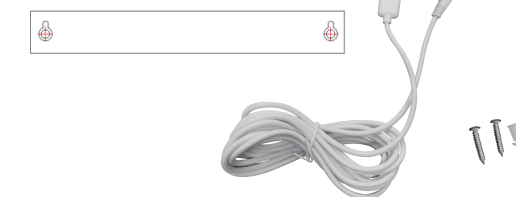
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Technical parameter

- 1) Input voltage: DC5V 1000mA
- 2) CO2 test measurement range: 400ppm-5000ppm
- 3) CO2 test accuracy:
400~1000ppm, deviation: +/- 50ppm;
above 1000ppm, deviation : +/- 5%
- 4) CO2 display resolution: 1ppm
- 5) Temperature measurement range: -10.0°C~+50.0°C
- 6) Temperature accuracy: +/- 1.0°C (0°C~40°C)
- 7) Humidity measurement range: 20%~85%
- 8) Humidity accuracy: +/- 5%

Product List

- Device*1
- Manual *1
- Positioning sticker *1
- USB cable *1
- Screw *2
- Rubber stopper *2



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

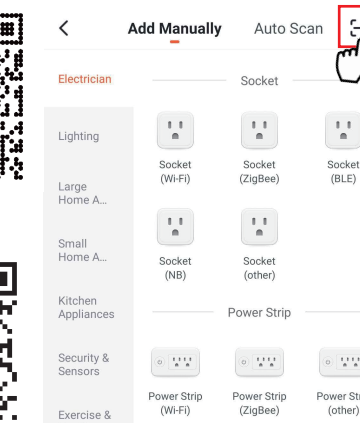
1. Download and install the Tuya Smart App through the Google Play Store or Apple App Store.Or to scan QR code (Picture 1) to download the Tuya APP, then registration and login it.
2. Turn on the air quality monitor by long pressing the Power button.
3. Connect your phone to a WiFi network and open the Tuya Smart App.
4. Select Add Device, then Click the scan icon in the upper right corner of Tuya interface (Picture 2), and scan the QR code (Picture 3) to connect and follow the instructions of Tuya interface.



Picture 1



Picture 3



Picture 2

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