Air Quality Monitor Instruction Manual



Product Specifications

Display method:
No Screen display
Atmospheric pressure: 86Kpa - 106Kpa
Detection method for CO2 : Infrared (NDIR)
Sampling time: 1.5 seconds
Product Size: 100*Φ70mm
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 800 mAh capacity;
5V DC power charging via micro USB port
Product weight: 80g

Product Description

This product is an air quality monitor that detect Carbon dioxide (CO2) With Tuya wifi.(Optional ,if the device you bought is Wifi Version , please read Page 7 details carefully)

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:

-Test variables:Carbon dioxide (CO2)
-Large 800mAh capacity Lithium battery
-5V Micro USB charging
-Support TUYA WIFI connection
-Low battery warning

Instructions

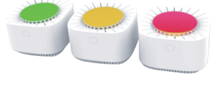
1. Start Up

When you long the power button, the air quality monitor will boot up.
In boot state, single-click power button to open/close alarm sound.(CO2 data more than 1000 ppm would beep sound when open alarm.)
Double-click Power button to open WIFI connection. (The light flash means WIFI is on.)



2. Instructions for use

1. Long-press power button for 3 seconds to turn device on/off
2. When CO2 data more than 1000ppm and keep rising, would have alarm sound.
3. Item would show different colors(Green/Yellow/Red) when CO2 data change, details as below Form.



CO2 air quality grade range		
Air quality level	CO2 average standard value(PPM)	Color
Good	400-1000	Green
Ok	1001-2000	Yellow
Poor	2001-5000	Red

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) that outputs DC 5V at >=1000mA.
Fully charge 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

Product List

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

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

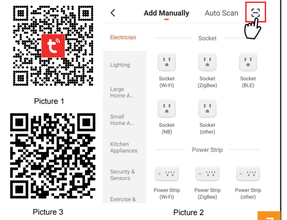
1. Download and install the Tuya Smart App through the Google Play Store or Apple App Store.Or to scan QR code（Picture 1） to download the Tuya APP, then registration and login it.

2. Turn on the air quality monitor by long pressing the center 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