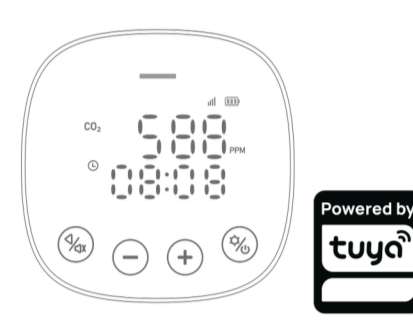


86.0mm

86.0mm

Smart Air Quality Monitor User Manual
AQMT



Please read the user manual carefully before operation. The guide picture is for reference only. Please in kind prevail.

01/Product Introduction
This high-precision indoor air quality monitor (hereinafter referred to as the monitor) is used for detecting the air quality in the indoor environment, including CO₂, temperature and humidity (Temperature and humidity features can be customized). As a multifunctional and smart air quality monitor, the monitor adopts advanced sensor with high stability, small sensitivity drift and long service life. Free from calibration operation. Added by advanced WIFI wireless technology, the monitor can report environmental data in real time stably and reliably. Once the monitor detects that the indoor air quality deteriorates excessively, the monitor will push alarm message to the mobile APP through the cloud server in real time remotely. So the user could learn about the home air environment at anytime, anywhere, and keep the home air quality in its best. The monitor is applicable in indoor environments such as residential houses, offices, etc.

02/Packing List

- Air Quality Monitor x1
- Micro USB Cable x1
- Adapter x1
- User Manual x1
- Accessories Package x1
- Bracket x1
- Padding Foam x1

03/Product Pictures

Front View: Air Quality Indicator, Display Area, Return/Back Button, Setting/Power Button, "i" Button, Networking Button

Side View: Air Inlet, Micro USB Port, Bracket

04/Product Features

- Large LED display shows CO₂, temperature, humidity, date and time.
- 30 degree tilt angle makes the display easy to see and read.
- Indoor air quality level indicator (Good, Normal, and Poor).
- Stable NDIR sensor for CO₂ detection.
- Stable and reliable CO₂ warning alarm.
- AEC (Automatic Baseline Calibration) CO₂ calibration.
- Monitor or monitor CO₂ level, temperature, humidity alarm setting function.
- Do not disturb setting function.

05/Technical Parameters

- Power Supply: AC adapter Input: AC 100-240V Output: DC5V/0.1A, Micro-USB
- Backup Battery: Lithium Battery
- CO₂ Sensor Type: Non-dispersive Infrared (NDIR) sensor
- CO₂ Sensor Lifespan: max.10 years
- Networking: WIFI 2.4GHz
- Operating Temperature: -10°C to 50°C
- Humidity: 10% to 90% (non-condensing)
- Installation Location: Wall or desk-mounted
- CO₂ Measurement Range: 400-5000ppm
- CO₂ Accuracy: 100 ppm ± 10% (of the measured values, whichever is higher)
- Air Quality (AQI) Classification: Good: 100-200ppm Normal: 200-300ppm Poor: >300ppm Values can be adjusted on the CO₂ setup page
- Alarm Triggering: Poor: >3000ppm (can be adjusted on the CO₂ setup page)
- Dimensions: 76x40x20mm (Without bracket)

06/Tips
Before using the monitor for the first time, please read the following instructions carefully and observe all warnings, errors or tips and terms with the use of electric devices.
1. Store and operate the monitor in a dry place out of direct sunlight to protect the components inside the monitor.
2. Before using the monitor for the first time, set it up in a well-ventilated environment (such as a well-ventilated living room).
3. In order to make sure the monitor is in a normal state, it is recommended that the monitor start to work after 24 hours of charging.
4. Do not cover the monitor with a particular dust or the air inlet while the monitor is active.
NOTE: Do not hold the monitor close to your face as your breath will affect the CO₂ level.

07/Quick Setting For Network Configuration

- Download the App
Connect the mobile phone to WIFI network. WIFI should be available, scan the QR code below the monitor, or scan the QR code on the APP, register an account and log in.
*Make sure your mobile phone Bluetooth and WIFI functions are both turned on before networking operations, and APP should be allowed access to WIFI and Bluetooth permission.
- Power on the device
Connect the USB cable to power adapter, and insert the adapter into the socket to power on the monitor.
- Network configuration
Long press "i" for about 5 seconds, the network icon will flash quickly about twice per second, then press "i" once shortly within 5 seconds to stop networking user long press "i" for about 5 seconds, the network icon will flash slowly about once per 3 seconds, the indicator displays a 3-minute countdown and enters AP-networking status.
If networking is successful, "all" appears on the interface display "ALL LINK", and then the device returns to main interface one second later. If networking can't be done within 3 minutes, the networking fails, and "all" appears for one second and goes off, the interface displays "OFF LINK", and then the device returns to main interface one second later.
Tips:
1. Once the APP is installed and opened, this guideline may be slightly different from the actual operation, please follow the instructions in the APP.
2. Networking fails, please move the device closer to the gateway entry point.
*Please add the device to the gateway first, and then install and fix it.

08/Installation
Wall installation
1. Tear off the back film, adhere the positioning mark to an appropriate position.
2. Drill the holes with a $\varnothing 5$ mm drill bit.
Important: do not damage any cables when drilling and keep the detector away from drilling dust.
3. Push the plastic dowels into the drilled holes and screw in the screws until the screws reach protrude about 5 mm.
4. Then hang the product on the screws to complete the installation.

09/Operating Buttons

1. In normal state, switch display with a short press.
2. In setup mode, move on position to the left.
3. In setup mode, decrease value by one.
1. In normal state, switch display with a short press.
2. In setup mode, move on position to the right.
3. In setup mode, increase value by one.
4. Enter network exclusion state with a long press (about 5 seconds).
1. In normal state, enter mute mode with a short press.
Shortly press it once again to exit mute mode.
2. In setup mode, return to previous page with a short press, exit current page.
1. Power off with a long press (about 5 seconds).
2. When powered as AC adapter, in normal state, turn off the screen display with a short press.
3. Press and hold "i" and "all" at the same time for about 2 seconds, the device will enter mute mode.
4. In setup mode, short press to enter the setup state for current display page.

10/Display Symbols

- CO₂: Carbon dioxide (CO₂)
- PM: CO₂ content in parts per million (proportions of CO₂ per million molecules in the air)
- °C: All temperature
- °F: Degrees Fahrenheit
- °C: Degrees Celsius
- Relative humidity
- Percent
- Time and date
- Mute
- Battery power
- (Green>50%; Yellow25-50%; Red<25%)

11/Menu Pages Of The Display

- When the monitor is switched on, the "CO₂" menu will be appear first.
- In standby mode, press the "i" or "all" button to go to the next previous page.

12/Exit Menu Settings

- Press and hold "i" and "all" at the same time for about 2 seconds, the device will enter setup mode and setup icon "i" will light on.
- Short press "i" or "all" to switch on display. Short press "i" or "all" to enter the setup state for current display page.

CO₂ Setup page

- Set max. value for CO₂ alarm: MAX and min. value flash, short press "i" or "all" to increase/decrease the value.
- Set min. value for CO₂ alarm: MIN and min. value flash, short press "i" or "all" to increase/decrease the value.
- Set min. value for temperature: MIN and min. value flash, short press "i" or "all" to increase/decrease the value.
- Short press "i" or "all" to switch between max. and min. value setting.
- Short press "i" or "all" to save set values and go back to previous page.

Humidity setup page

- Set max. value for humidity: MAX and min. value flash, short press "i" or "all" to increase/decrease the value.
- Set min. value for humidity: MIN and min. value flash, short press "i" or "all" to increase/decrease the value.
- Short press "i" or "all" to save set values and go back to previous page.
- Short press "i" or "all" to save set values and go back to previous page.

Time and date setup page

- Number flashes, short press "i" or "all" to adjust the time and date.
- Short press "i" or "all" to switch between time and date setting.
- Short press "i" or "all" to save set values and go back to previous page.
- Short press "i" or "all" to save set values and go back to previous page.

DO NOT DISTURB setup page

- Number flashes, short press "i" or "all" to adjust the time and date.
- Short press "i" or "all" to switch between max. and min. value setting.
- Short press "i" or "all" to save set values and go back to previous page.

13/LED Display And Tones

Item	LED	Display	Sound
Status	Flashes green every 5 seconds	Normal	-
Screen off CO ₂	Flashes yellow every 5 seconds	-	-
Screen on CO ₂	Flashes red every 5 seconds	Normal	-
Screen off CO ₂	Flashes red every 5 seconds	Normal	-
Screen on CO ₂	Flashes red every 5 seconds	Normal	-
CO ₂ content from good/normal	Flashes yellow 10 seconds	Date Backing 10 seconds	-
CO ₂ content from poor/bad	Flashes red 30 seconds	Date Backing 30 seconds	Alarm tone for 30 seconds

14/Information On The Battery

The product contains a backup Lithium-ion battery. Backup batteries may be replaced or removed by professional. Do not charge or use the product in environments where there is a risk of explosion, e.g. from flammable liquids, gases or dust. Never leave the product's battery charged in the fire. This would also release toxic substances. Only use the model USB cable provided and a suitable charging device (power supply with USB-A port) to charge the device. Do not leave the device unattended while it is charging.

Backup battery: It can support device normal operation for about 6 hours, and will be a built-in charger protection design. Charge for at least 24 hours if it's for the first time. The battery life value here is for reference only, as it varies in different conditions.

15/Cleaning

- Dusty monitors have to be cleaned. Dust deposits in the air intake of the monitor can be accumulated or blown out.
- If necessary, you can remove the dust with a brush.
- The surface can be cleaned using a cloth lightly moistened with clean water.
- Do not allow water to enter the inside of the device.
- Do not clean the device in a dishwasher.
- Do not use sharp, pointed, abrasive or corrosive cleaning materials or hard brushes.
- Do not use alcohol and do not clean the monitor with highly flammable liquids.

16/Fault Analysis And Troubleshooting

Faults	Troubleshooting
No display	Check that the power supply with it powered and that the motor is firmly plugged in. Charge the battery for more than 24 hours.
Slow response	Check that the airflow channels on the back of the meter are not blocked.
The detector displays "Err"	Contact your dealer.

17/Statement

- The information in the user manual is for reference only and does not constitute any form of commitment.
- Without the written permission of the manufacturer, any modification or improvement shall not extend or copy part or all of the contents of this user manual, and shall not spread this form.
- As the technology is constantly updated, the manufacturer reserves the right to modify the user manual without prior notice. If the user manual and the actual operations are inconsistent, the final interpretation is reserved to the manufacturer terms.