Air Quality Monitor

AirQM-9 Instruction Manual

Product Introduce

Face Panel

Status Indicator

LCD Display

Ambient light sensor

Switching Button

Specifications:

| Model	AirQM-9
Size	150*66*49.2mm (non-include power plug)
Net Weight	
Input Power	110~240V-0.1A, 50/60Hz
Operation Ambient	Indoor Use Only Temp:-10℃~60℃ Hum: 0-90% non-condensing
Network Connection	Wi-Fi IEEE 802.11b/g/n 2.4GHz

Operations

Setup

Insert the device to the power socket and the display show a ten-second countdown. The device starts to work normally when the countdown end.

> ● **Attention:**
>
> To ensure the data accuracy of the measurement, please keep the device's orientation as the picture and working in a well-ventilated place.
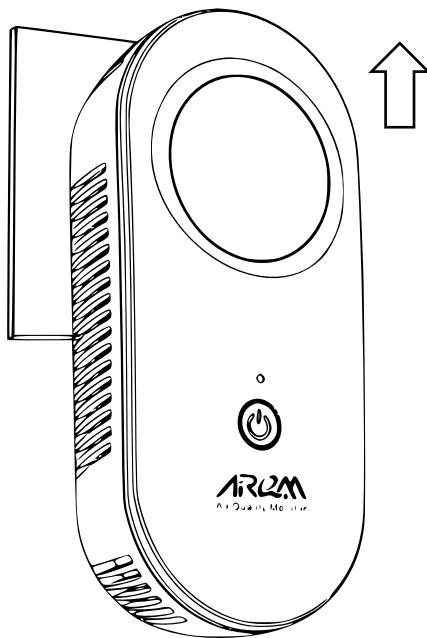
## Configuration
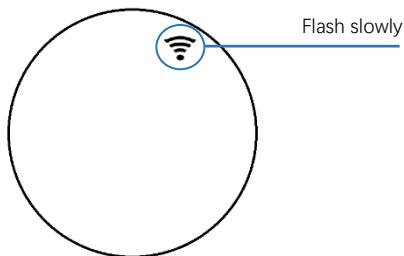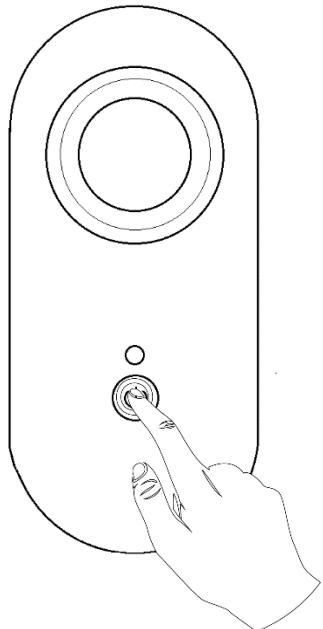
Flash slowly

Enter Network Configuration Mode

Press the Switching Button for several seconds after power on, and release the button after buzzer is on. The Wi-Fi icon should flash slowly in the upper right corner of the display, then the device enters the network configuration mode.

Connect the Device with Mobile phone

Enter WLAN setting of mobile phone, search Wi-Fi 'airbox_device' and select.
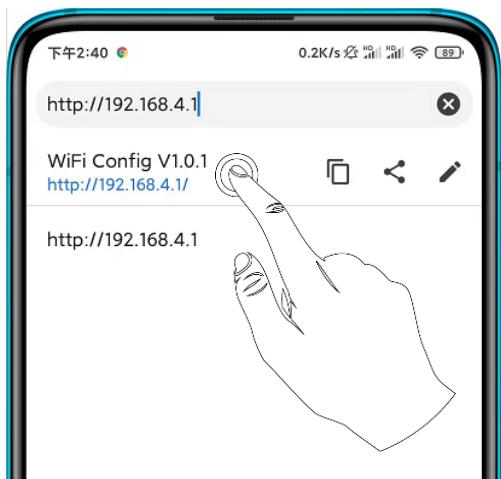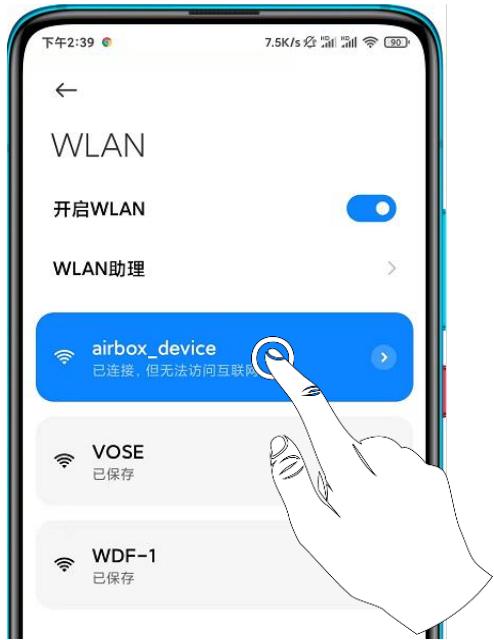
Enter Network Configuration Interface

After the mobile phone is connected to the device's Wi-Fi, open the phone browser and input 192.168.4.1 in the address bar to enter configuration interface.

Fill in the Configuration Information

Input Wi-Fi SSID, password and other network configuration parameters in the Connect NetWork interface. And click the Config button to finish.
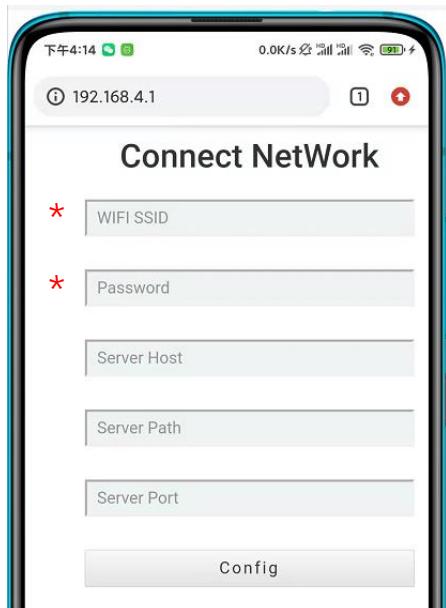
- **Attentions:**

    1. Special characters are not allowed when entering the configuration information.

    2. The mark * are mandatory field, please fill in correctly.

    3. The last input data will be the default configuration if the non-mandatory fields are not modified when changing the network connection setting.

Display Description:

Measuring Type

Measurement Data

Unit of Measurement
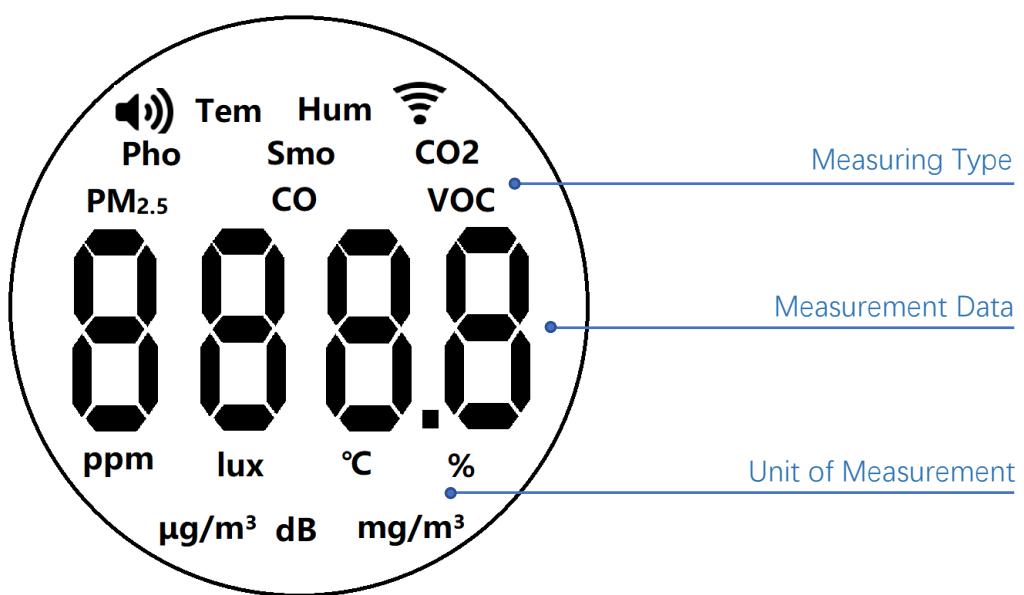
Measuring Type Switching

The Display just can show one measurement data only, click the Switching Button to change the display parameter.
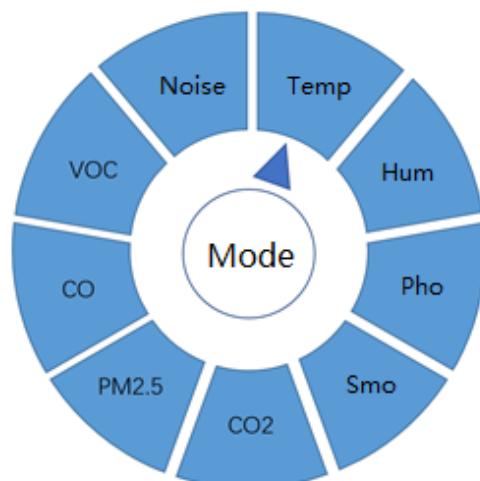
Status Indicator Description:

Temperature

- 🟢 18℃~35℃, Green
- 🟡 Out of range, Yellow

Tem 26.8 ℃

Humidity

40%~85%, Green 🟢

Out of range, Yellow 🟡

Hum 63.8 %

Illuminance

- 🟢 30~500lux, Green
- 🟡 Out of range, Yellow

Pho 259 lux
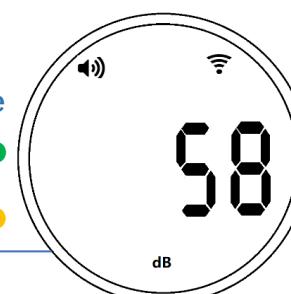
Noise

Less than 80dB, Green 🟢

More than 80dB, Yellow 🟡

58 dB
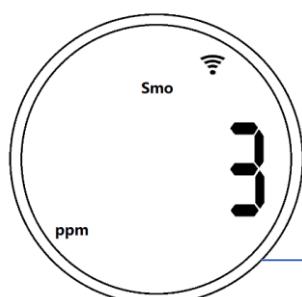
Smoke

- 🟢 Less than 500ppm, Green
- 🟡 500~1500ppm, Yellow
- 🔴 More than 1500ppm, Red

Smo 3 ppm
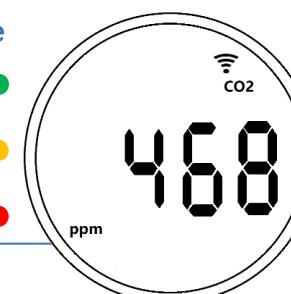
Carbon Dioxide

Less than 1500ppm, Green 🟢

1500~3000ppm, Yellow 🟡

More than 3000ppm, Red 🔴

CO2 468 ppm
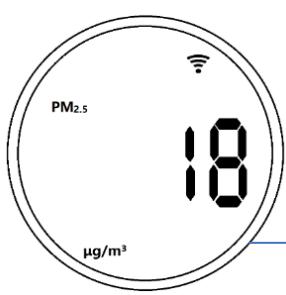
Particulate Matter 2.5

- 🟢 Less than 50μg/m³, Green
- 🟡 50 ~100μg/m³, Yellow
- 🔴 More than 100μg/m³, Red

PM2.5 18 μg/m³
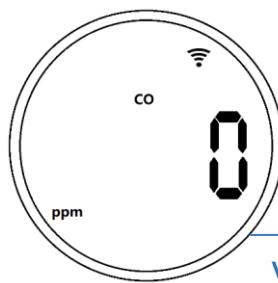
**Carbon Monoxide**

🟢 Less than 5ppm, Green

🟡 5~35ppm, Yellow

🔴 More than 35ppm, Red

Volatile Organic Compound

Less than 1.0ppm, Green 🟢

1~3ppm, Yellow 🟡

More than 3ppm, Red 🔴
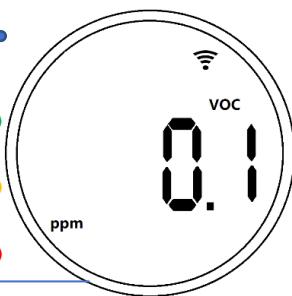
● Attention：

When the measuring value of CO, CO2 or Smo are out of range, the Status Indicator light up in red and buzzer alarm.

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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 installation. This equipment generates uses and can radiate radio 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.

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.