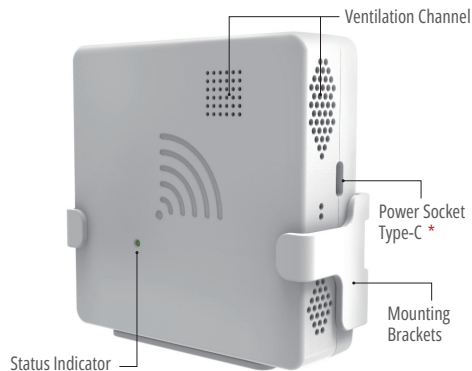


Wireless Indoor Air Quality (IAQ) Monitoring Module User Manual

1. Product Information

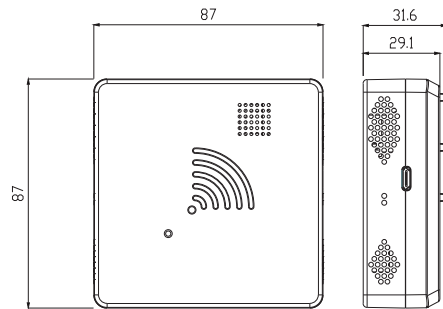
The wireless air quality monitoring module can detect air quality data in real time, including temperature , humidity, CO2, PM2.5, and TVOC. Besides, it can be intelligently linked to products such as heat recovery ventilator to control indoor air quality. This product does not require installation and can be placed on desktops, bedsides and other activity places to ensure that the air quality around you is optimal at all times.



**DC 5V Type C charger is prepared by user.*

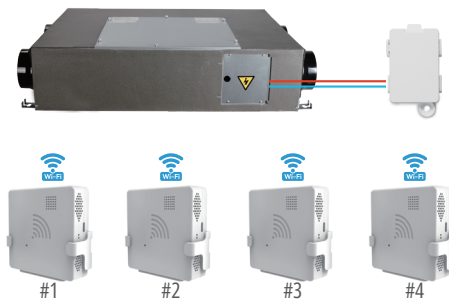
2. Product Specifications

Product Name	Wireless Air Quality Detector
Model	AS-AQ010Z-2
Power Input	Adapter: 220V~50Hz
	IAQ Module: DC 5V
Module Power Interface	Type-C
Operating Temperature	-15~50℃
Working Humidity	20%-90% RH (Non-condensation)
Wireless Communication	WiFi 2.4G



3. Connection Settings

3-1. Connection diagram.



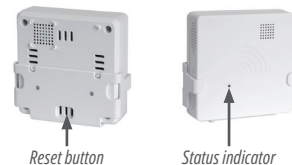
3-2. Use a mobile phone to connect to the detector.

Scan the QR code first, download and install the APP.

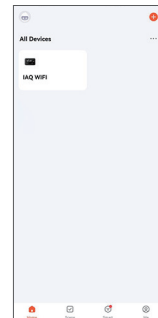


3-3. Turn on the Bluetooth and WiFi of your phone, and connect to the nearby WiFi. Note that it is WiFi 2.4G. 5G will cause the subsequent pairing to fail.

3-4. Power on the module, and then press and hold the reset button. The status indicator light flashes and the detector enters the pairing state.



3-5. Open the APP, click the "+" sign in the upper right corner of the home page. And the Device will pop up automatically. Confirm and enter the WiFi account and password so it can be connected to the mobile phone and complete the pairing. Then the module is successfully connected to the mobile phone.



3-6. Check data.

Enter the APP. The interface and functions are as following picture show. You can check temperature, humidity, carbon dioxide concentration and VOC (volatile organic compound) concentration.

The method to check the parameters via APP.

The name of the IAQ can be changed by the user, and the cloud platform can connect multiple IAQs.

VOC (Volatile Organic Compounds)

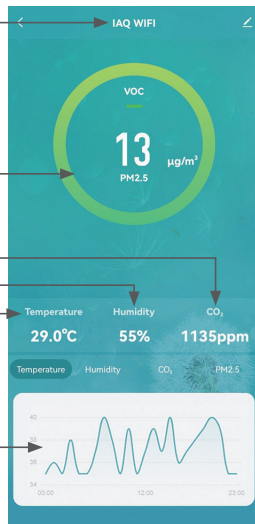
Green	Excellent
Blue	Good
Yellow	General
Red	Bad

CO₂ concentration

Room humidity

Room temperature

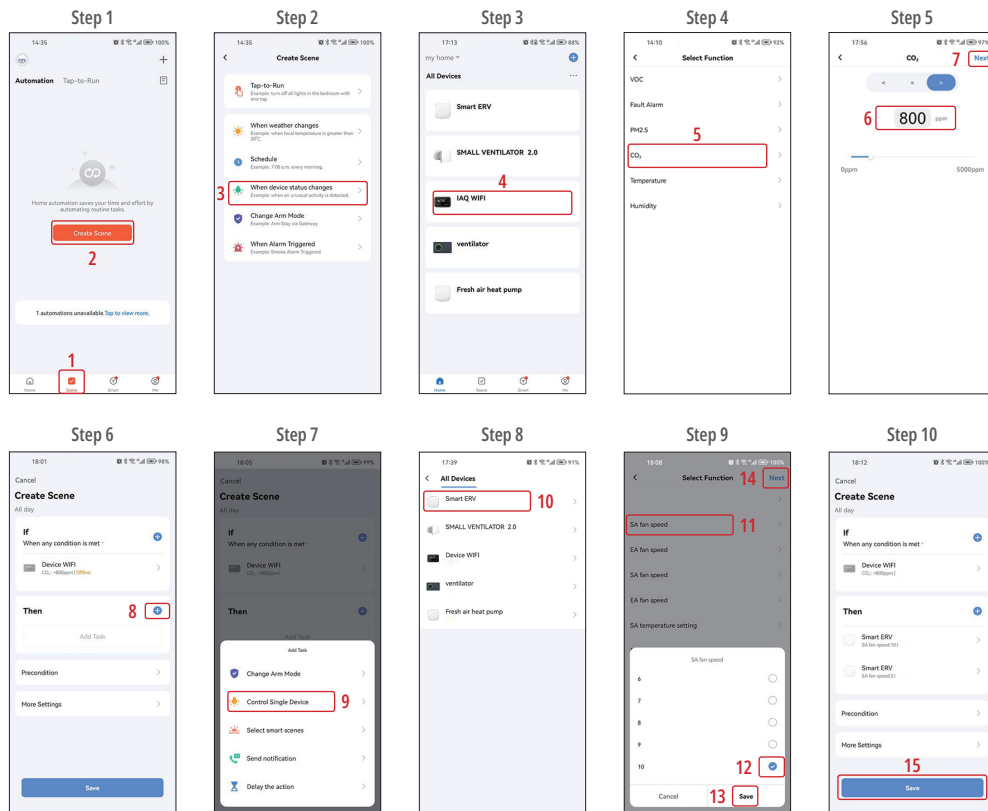
The variation curve of each parameter over time



3-7. Linkage with multiple modules and heat recovery ventilator through APP.

Use the APP to connect the heat/energy recovery ventilator and multiple modules. You can set it in the scene mode or linkage control with heat/energy recovery ventilator, to control the wind speed or change the operation mode by changing parameters in the APP.

For example, adjust the wind speed of the ventilator according to CO₂.



4. Maintenance

In order to ensure the accuracy of the test results, this module has a built-in fan for air ventilation. The fan will run intermittently to obtain the most accurate air data. During the operation, there will be slight vibration and sound from the rotation of the fan, which is normal.

It's not advised to place it on the bed, thick tablecloth, or clothing. Do not block the ventilation channels. Otherwise it will affect the test results and even cause abnormal noise and heat.

5. Usage FAQ

A. The mobile phone cannot connect with the module.

1. When connecting, try to keep the module as close to the phone as possible.
2. Do not connect multiple modules at the same time. It is recommended to connect one module before starting the second module.
3. Make sure the connected WiFi network is 2.4G, not 5.0G.

B. The data displayed is inaccurate.

1. Check whether the ventilation channels are blocked.
2. Check whether the module is placed outside the area of human activity, or placed near heat source/water vapor/volatile gas (for example, on the ceiling, in direct sunlight, next to electrical appliances, in the bathroom, etc.)
3. Take it to a place with good ventilation and air quality is good and it will adjust the date automatically (about 30 minutes), and then take it indoors for use.