

55mm

65mm

Air Quality Monitor

PM2.5 ug/m ³	Air quality grade	LED screen Color	LED Lamp Color
≤75	Good	Green	Green
76~115	Moderate	Yellow	Yellow
>115	Unhealthy	Red	Red

Technical Parameters

Measurement parameter	PM2.5 ug/m ³	Temperature °C	Humidity %RH
Range	0~999	-10~50	0~95
Display	LCD screen		
Communication mode	WiFi (2.4GHz) / ZigBee etc.		
Operating voltage	5V DC		
Operating temperature	-10~50°C		
Operating humidity	0~95% (non-condensing)		
Dimension	80.3mm*80.3mm*63.5mm		

Notes and common trouble shooting

Fault phenomenon	Possible causes	Eliminating methods
Can not boot	Battery has run out of power	Connect the charging cable and turn it on again.
WiFi access failed	1)Bad network signal 2)The device is not in networking mode 3)Mobile phones and devices are not in the same network environment 4)The device does not enter the correct network type	1)Make sure the device is in good network signal coverage 2)Long press the network configuration button for more than 3 seconds, and then refer to the steps of networking setup to rejoin the device into the network. 3)Don't choose 5G for network type
APP can't get data	Device offline	Power off and restart the equipment, and reconnect the equipment to the Internet. Or reconfigure the network.
Large measurement error	1)Boot warm-up is not completed. 2)The air inlet and outlet are blocked	1)Wait 5 minutes after turning on the power to read. 2)Check if the air inlet and outlet are blocked.

- This product needs to be preheated for about 5 minutes each time it starts up, and then it can be used normally.
- Do not use for a long time in a high temperature, high humidity and heavy oil s smoke environment.
- Do not place the product in a place with high PM2.5 or formaldehyde value for a long time, or else it may damage the product.
- Do not use in highly corrosive environments (such as H₂S, SO_x, Cl₂, HCl etc.).

- Do not make the product bear strong shock and vibration, so as not to damage the product and its accessories, it will lead to product failure.
- Do not use organic solvents to clean the product. When cleaning, disconnect the power supply and gently wipe the shell surface with a soft cloth.
- When not in use for a long time, it should be stored in a sealed bag containing no volatile silicide.
- Do not disassemble the product by yourself. If the product is damaged, it must be inspected and repaired by the after-sales service personnel authorized by the company.
- PM2.5 particles are not evenly distributed in the air, so it is normal to have deviation in the measurement value at different measurement points in the same room, and the overall value can reflect the air quality here.
- The two products cannot be placed side by side, which will block the vent and lead to inaccurate measurement.
- This product is non-measuring equipment.

Name and content of hazardous material in products

Parts	Hazardous metal					
	Pb	Hg	Cd	Cr6+	PBBs	PBDEs
Circuit board	x	o	o	o	o	o
Silk screen	x	x	x	x	x	x
Shell	o	o	o	o	o	o

This form is prepared according to SJ/T 11364 specifications.
O The content of the hazardous material in all the main materials of the component is below the limit specified in GB/T 26572.
X The content of the hazardous material in at least one homogeneous material of the component exceeds the limit specified in GB/T 26572.

Service

- (1) The product warranty period is based on the purchase invoice date or the actual receipt date, starting with the earliest date of the two;
- (2) Three-pack principle: 7 days return, 15 days replacement, host 1 year warranty.
- (3) This machine can be repaired free of charge during the specified warranty period for any malfunction that is caused by a manufacturing problem.
- (4) The following conditions are not free
 - a) More than three packs valid.
 - b) Damage to the surface of the product (such as the casing, LCD screen) caused by the use except for damage caused by structural or material factors.
 - c) If the three-pack certificate and valid invoice cannot be presented, the three-pack certificate does not match the product identification or the three-pack certificate is altered.
 - d) Damage caused by failure to use, maintain or maintain the installation instructions, without the permission of our company, or repairs caused by our own special repair shop.
 - e) Collision, flooding, breakage or burning of printed circuit boards.
 - f) Damage caused by force majeure.

Three Guarantees

Users Information

Name: _____ Tel: _____
E-mail: _____ Postcode: _____
ADD: _____

Product Information

Product Type: _____ Product S/N: _____

Maintenance Records

NO.	Fault Phenomenon	Signature	Date

WiFi Air Quality Monitor Equipment Specification

Please read the product manual carefully before using the product

Thank you for purchasing and using this product. For your safety and interests, please read this product manual carefully before using the product. Our company will not be liable for any personal injury, property or other loss caused by your failure to operate in accordance with the product instructions or precautions.

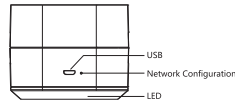
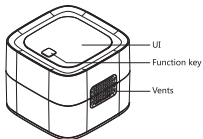
About the product manual

The illustrated legend is for reference only. If the contents of the manual are inconsistent with the actual product, the actual product shall prevail.

If you have any objection to any content or terms of the instruction manual, please make a written objection to our company within seven days after purchase; otherwise you will be deemed to have agreed, understood and accepted all contents of the instruction manual.

Brief introduction

WiFi Air Quality Monitor is suitable for indoor air quality detecting and display, allowing you to keep track of the indoor air condition, support for multiple wireless communication link intelligent cloud. Users can check air quality problems remotely and in real time through mobile APP to create a healthy and comfortable living environment for the family, the detector has built-in rechargeable lithium battery, can portable measuring air quality of different location.



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.

Note: 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.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance, such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement.

To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).

Items list

After opening the package, please confirm whether the product is in good condition and the accessories are complete.

Items	Quantity
WiFi Air Quality Monitor	1
USB data cable	1
Thimble	1
Product manual	1
Certificate	1

*Some models none

Function key instructions

Function	Operation
Turn on the device	Press and hold 3S in the off state, the device enters the working mode
Turn off the device	Press and hold 3S in the power on state, the device is turned off
Light up the screen	Short press (< 1s) to light up the screen when the screen is off
Turn off the screen	Short press (< 1s) to close the screen when the screen is on

Instructions for Use

(1) Download APP

Method 1: Scan the two-dimensional code on the right to download and install the APP.
Method 2: Search for "TUYA SMART" to download on the APP Store (iPhone users) or each app stores like Tencent app store (Android users).

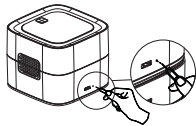


(2) Network settings

Step 1: Long press the function button for 3 seconds and the device will start up.
Step 2: Ensure that the mobile phone is in the same WiFi environment as the device to be added and confirm that the product is powered on and within the effective communication distance of the wireless router.
Step 3: Open the app and follow the prompts to register, log in, and create a home.

Step 4: Click "+" in the upper right corner of the main page and select "add manually", click on the "Wi-Fi connector" in the "other options".

Step 5: Insert the thimble into the "network configuration hole" of the device, press the network configuration button. At this point, the networking icon on the display screen starts flashing and the device enters the network configuration mode. Click the "confirm indicator" on the screen start the distribution network operation. The quick flashing of intelligent distribution network is 0.25s, the slow flashing of AP distribution network is 1.5s, and the default intelligent distribution network.



Step 6: When the WiFi icon on the display is always on, it indicates that the network access is successful.
Step 7: If prompted for network timeout, please check the network and re-follow steps 4-6.