

Standalone Photoelectric Smoke Fire Alarm Detector User Manual



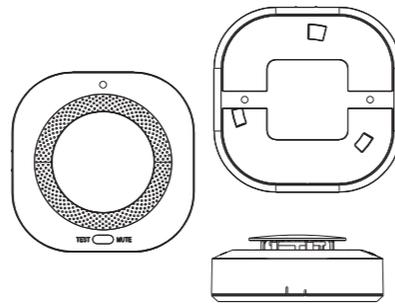
To make you comfortable using, please read the operation guide carefully. pictures for reference only, please refer to the physical object

01/Packing List

Make sure the device is in good condition and compare with the accessories as below after open the package



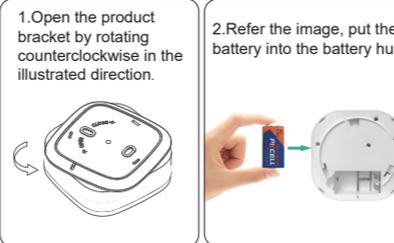
02/Product Schematic Diagram



03/Product Overview

This product adopts a unique structure design, and uses MCU for the intelligent processing of photoelectric signals, from the design to ensure the stability of the product, and has Zigbee communication capability. Good and sensitive response to the visible smoke produced by slow burning. The product has a photoelectric smoke sensor inside. When the ambient smoke concentration reaches the alarm value, the detector sends out the acoustic and optical alarm signal, and pushes the alarm information to the mobile phone APP through the Zigbee gateway.

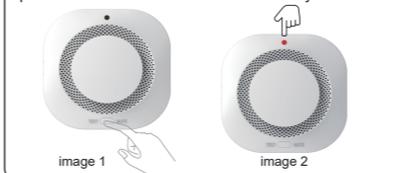
04/Product Use Install the Battery



Equipment Testing



1. Press Test/mute button, loose while the led light. Check if the led flashing and the buzzer make the "Di Di" alarm sound.



2. Determine whether the device is working properly 1). Press the "Test/mute" button, loose while the led light on (image 1), led flashing, the buzzer makes the "Di" alarm sound, meaning the device works properly. 2). Press the "Test/mute" button, if no reaction from the Led and buzzer, it means the device doesn't work properly. Please check if the battery is no power or contact the manufacture directly.

3.Led & Operation Status

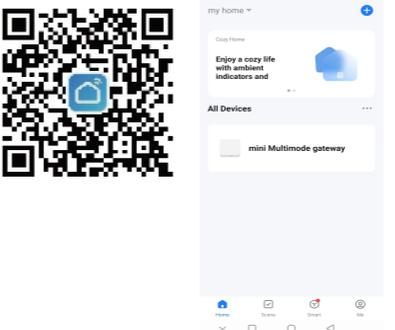
Status	Led	Alarm Sound
opening	led light 1S	none
normal status	(light 50ms) led light for 60s and flashing 1 time	none
testing status	(light 100ms, end 100ms) led flashing continuity & quickly	"Di Di Di" quickly
smoke alarm status	light 100ms, end 100ms) led flashing continuity & quickly	"Di Di Di" quickly
mute alarm status	light 100ms, end 100ms) led flashing continuity & quickly	none
low battery status	led flashing once in 60s	"Di" once every 60s
zigbee connection succeed	led flashing once	"Di" once (800ms)
enter the zigbee connection status	led flashing continuity & quickly (light 250ms, end 250ms)	"Di" once (700ms)

4.Add the device into internet

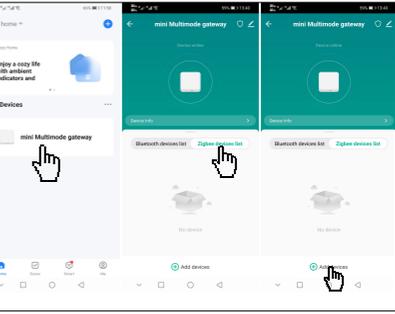
Remark: add the tuya "intelligent gateway" before add the device

- Install the "smart life" APP use the mobile scan the below QR code and download the "smart life" app or search for the "smart life" in google shop and install the APP
- Connect the mobile with the home internet
- Open the "smart life" APP
- Refer the gateway user guide, and add the gateway into the APP.

Through the environment and equipment regularly, create a comfortable home life



- After the gateway added, press the list showed gateway> enter the gateway interface> choose the listed zigbee device.



- Press and hold Test/mute button after the led light is ON about 10s, led will flash quickly, loose the button while the buzzer sound "Di" once, device get into internet connection status, wait the APP get into the "device searching" interface, and search the "smoke alarm detector" and add the device succeed.

Warranty Card

This card is the basic proof of warranty, please fill it up carefully and keep it properly

Selling Record: _____

User Name: _____

Telephone Number: _____

Contact Address: _____

Product Name: _____

Date of Purchasing: _____

After Sales Telephone Number: _____

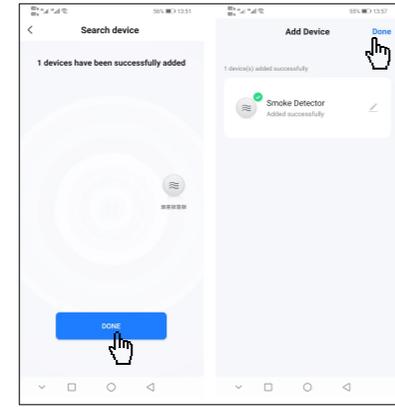
INSPECTION: PASS 1

QUALIFICATION

Warranty Regulations

Dear users, thank you for choosing our company's products, please read the following content carefully before installing and using this product.

- The warranty period of this product shall be within one year from the date of purchase, we can give free maintenance to any fault caused by the quality problems of the product itself under normal use. You can enjoy free replacement within seven days from the date of purchase.
- Following circumstances are not under the warranty
 - Fault or defects caused by improper use environment or conditions
 - Other failure or damage NOT caused by the design, technology, production, quality of the product itself
 - Fault or defect caused by the use of a third-party product, software, or component
 - Failure or defect due to improper installation, misuse, unauthorized repair, modification, accident, force majeure, or other external causes
 - Product has exceeded the warranty period



- After the configuration succeed, device will sound "Di" once, led flashes once.
- If the configuration failed, please make the device close to the gateway, long press the Mute / test button to about 10S after the light is on, LED indicator flash, the buzzer makes a "Di" and release the button, and the alarm enters the network state and distributes the network again.

5.Alarm and test function

- Alarm:** The red LED indicator flashes periodically when the alarm is working normally (about 60S once), the alarm will sound "Di Di" when the smoke is detected, and the red LED indicator flashes quickly.
- Test:** Short press the test /mute button until the LED light is on and enter the test state. The alarm emits a "Di Di" prompt sound, and the LED indicator flashes. It is recommended to conduct the test at least once a month; do not use open flame test. Consider the device once alarmed. If the alarm test fails, refer to the "troubleshooting" section of this manual and replace it immediately.

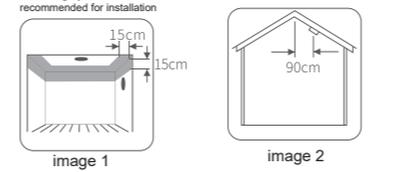
6.Mute function

The mute function must be used to ensure that there is no real fire hazard. Under a known non-fire alarm, do not block or prevent the alarm in any other form. Press the test / mute button for 1 second and loose it to make the device in mute state, and the red LED indicator flashes quickly during the mute state.

05/Installation Instructions

Device installation instructions

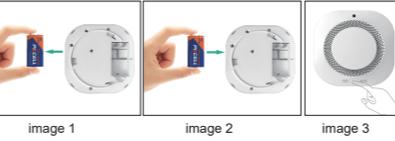
- For indoor ceiling mount only.
- It's recommended to install this product in the corridor outside the bedroom too too, and if multiple bedrooms correspond to different corridors, then install the devices in each corridor
- For rooms (corridors) with more than 12 meters in length, install one product at each end of the direction
- For multi-floor houses, devices need to be installed on each floor, including the attic and basement
- Please keep the device of at least 50 cm away from the lamps or decorations
- Device should be kept at least 15 cm from the corner and shall be installed 15 to 30 cm from the corners, refer to image 1.
- For the pent-roof ceiling, because the pinnacle is the "dead air" area, please install the device on the ceiling at 90 cm from the pinnacle, refer image 2



- Do not be installed in the bathroom, places with water or droplets
- Do not be installed the place which temperatures below -10°C or above 55°C

06/Replace the Battery

- Disassemble the alarm device (refer to image 1)
- Remove the battery, press and hold the Mute / test button for 5 seconds (to release the residual power of the device to avoid false low power alarm), and install the new battery. (refer to image 2)
- Press the mute / test button briefly, if the device can start self-testing, and issue a sound and optical alarm prompt, then the alarm functions normally



07/Daily Maintenance

This device has been designed to be as maintenance-free as possible, but there are several simple things that you will have to do to keep it working properly

- Device should be tested at least once a month, see "Alarm and Test Function"
- Keep the alarm clean and do not let the dust accumulation. Clean the alarm at least once a year. When cleaning, use the household vacuum cleaner and soft brush accessories to clean up. Do not use detergent to clean the alarm, liquid penetration into the alarm may cause damage to the sensor or circuit, it can be wiped clean with a cotton cloth or sponge
- Please do not smear your device with paint or pigment, etc., which may hinder the smoke inlet and affect the normal operation of the device.

08/Trouble Shooting

If the device does not work properly, the battery may have reached the effective service life, or is affected by dust, lampblack, or other dirt, please clean your alarm according to the "Daily Maintenance" section in this manual. If the problem persists, check the following conditions:

- If the device does not respond, check if the battery is installed properly.
- If you hear the device intermittently emits "Di" prompt sound (about once per 60 seconds) and the red LED indicator flashes once, it indicates the battery is in low power, please replace the battery as soon as possible

9. Technical Parameter

wireless protocol	ZigBee3.0
Transmitting Frequency	2.4000~2.4835GHz
Transmitting power	10dbm
Operation voltage	DC9V
Operation Temperature	-10°C~+55°C
Operation humidity	<95%RH.non condensing
alarm sound level	80dB (in front 3m)
detection range	50 sqm

10/Limit elements or elements represent form

Parts name	Toxic and harmful substances or elements				
	(Pb)	(Hg)	(Cd)	(Cr(VI))	(PBB) (PBDE)
Metal structure parts	X	0	0	0	0
PCB board	X	0	0	0	0
shell and other parts	X	0	0	0	0

This form is prepared in accordance with the SJ/T 11364 regulations
0:Indicates that the content of the toxic and harmful substance in all homogeneous materials of the component is below the limit requirements specified in GB / T 26572 standard
X: Indicates that the content of the toxic or harmful substance in at least one homogeneous material of the component exceeds the limit requirements specified in the GB / T 26572 standard