

# WIFI SMOKE DETECTOR FIRE ALARM

## PRODUCT INTRODUCTION

This product named WIFI smoke detector fire alarm(hereinafter called detector) detects the smoke by a couple of infrared diodes. The principle of detecting is granule in the smoke can reflect infrared light. Infrared diodes are placed in the special chamber. The chamber can shield external light, but don't affect the smoke into it. While have no smoke, the diode can receive very weak infrared light. When the smoke entering the chamber, diode can receive more and more light, when the smoke attains the certain density, the detector can give out alarm signal. In order to reduce the interference and lower power consumption, the emitting circuit adopts the pulse signal. The detector adopts the special structure design and ASIC, has the dustproof, mothproof and anti outside light interference feature etc. The detector is suitable for detect the smoke in house, shop, hotel, restaurant, office building, school, bank, library, computer house and storehouse etc.

## PRODUCT PROFILE



## PRODUCT FEATURE

Patented Maze technology: safe, reliable, sensitive and stable APP connection.  
Special software algorithm processing: Ensure alarm sensitivity, No false alarm, and Strong anti-interference ability  
Low Power Consumption: 1pcs of CR123A battery under normal use at ideal condition: 2-year lifetime  
Independent Sound-Light Alarm: alarm volume, Red LED  
Button self-check: can check the operating status of alarm at anytime.  
Low-power Alarm: Sound-Light alarm, ensure the normal operation of the detector.

## TECHNICAL SPECIFICATION

Standby current: <15uA  
Alarm indication: Red LED flash  
Battery specification: CR 123A  
Sound level: 85dB/M  
Operating temperature: -10°C~55°C  
Operating humidity: < 95 % RH  
Detecting area: 20 square meter  
Alarm output : WIFI  
SIZE : Ø 86\*50mm

## INSTALLATION AND TEST

The unit is shipped with the battery wrapped. Unwrap and place in battery cavity. You **MUST** properly connect the battery before mounting the unit to the wall or ceiling. The unit will only operate correctly in DC mode if the battery is properly connected. Select proper place (normally mounted on the center of the ceiling) , fix the mounting base, then put the detector into the base and turn it.

After installation, press the test button to test the output of the detector. LED should flash once per 1s. The detector should sounds aloud 85dB pulsating alarm.

You can press the test button to test the detector or blow a The green indicator flashes periodically while on standby, when alarm the red indicator flashes quickly and you can hear "beeps".

## NOTICE

The Unit can not be installed under worse environment. E.g. coldest, hottest, dusty. Please test it WEEKLY! Just use 3 V battery.

Please clean the detector by soft brush per six months to ensure the sensitivity and life of product. Pay attention to switch off power before clean.

If the battery is low, the detector will beep and red indicator flash every minute, you should put in a fresh battery.

For various reason, including, but not limited to changes in environmental conditions, electric disruptions and tampering, the product may not perform as expected. The user is advised to take all necessary precautions for his/her safety and the protection of his/her property.

**User may refer the following guides to code, test, supervise and manager the detector by mobile TUYA application through Wi-Fi support.**

### How to get WIFI support?

Search "TUYA " in application market/APP store in the mobile, then install and register an account with your mobile phone number.

1. Press "+" at the upper right corner to enter the page and scroll to the bottom. Choose "Other Products" to add detector. Users need confirm if the LED is at rapid blinking.
2. Confirm it and input the Wi-Fi and its password.
3. Testing Button: Long-press until the Yellow LED is on.
4. If the coding is too slow, user may press the testing button 1s again to start fast coding. When Red LED is on, it starts fast coding.
5. Once the coding is done, user may rename the detector and share it (i.e. family member.), so all of you can supervise and manage it.
6. coding is failed, Please try to code it again.
7. When the detector is triggered and alarmed, Warning messages would pop out on your mobile. You may click any of the messages and get to TUYA platform. The page would turn to be warning mode.
8. When the Alarm has been released, it would turn to released mode.