Intelligent WiFi Strobe Smoke Detector

User manual

This WiFi strobe smoke Detector used to detect the smoke which occurred at the beginning of thefire disaster and generates live strobe &sound alarm, at the same time, push alarm information to mobile app by WiFi.

1、Technical Parameter

Power supply：DC9V alkaline battery (6LR61)
Static current：<10uA
Alarm current: <100mA
Working temperature：0℃~+50℃
Humidity：≤95%RH, no freezing
Alarm sound：>80dB
Low battery alert：≦6.5V±0.5V

2、Working status

Status	Led light	Alarm sound
Normal state	Led light flashes once every 60s	none
Test state	Led light flashes continuously and quickly (on: 100mhA, off:100mhA)	Quick " beep" sound
Smoke alarm state	Led light flashes continuously and quickly (on: 100mhA, off:100mhA)	Quick " beep" sound
Mute alarm state	Led light flashes continuously and quickly (on: 100mhA, off:100mhA)	none
Low battery	Led light flashes once every 60s	60s "beep" sound
WiFi connection succeed	Led light keeps on for 10s	none
WiFi configuring	Led light flashes continuously and quickly(twice every second)	Short "beep" sound

3、Mute & Testing

▪ Mute: in alarm status, press the 'TEST' button to mute the buzzer, only LED indicator flashes.
▪ Testing: in normal status, long press 'TEST' button for 2s to trigger the sound & light alarm, alarm message is pushed to the mobile APP.

4、WiFi Configuration & Networking

WiFi configuration:

1. Install 'Tuya Smart' APP on your smartphone for first time use.

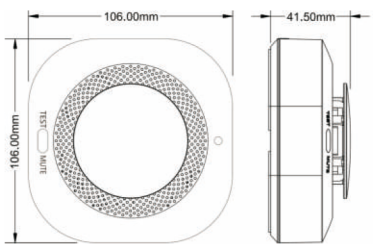
2. Make sure your smartphone is connected with the WiFi.
a) Launch the APP, click 'Add device'---'Security Sensor'---'Sensor (WiFi)' .
b) Long press the 'TEST'button for 5s until LED flashes with a short beep of 'Di' (long press the button within 20s of loading the battery to enter WiFi configuration mode).
c) Click 'OK' in the APP---input password for the WiFi and click 'OK' , the detector enters configuration mode which lasts for 60s maximum.

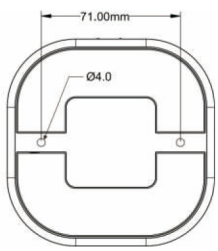
3. A long beep of 'Di' with LED indicator on for 10s means the WiFi configuration is completed. When WiFi configuration fails, the detector exits configuration mode with short beep of 'Di Di Di' .

4. WiFi configuration is done based on the 3 steps above.

WiFi Networking Status: when LED indicator is on for 10s after battery is loaded, it means the detector is successfully connected to WiFi.

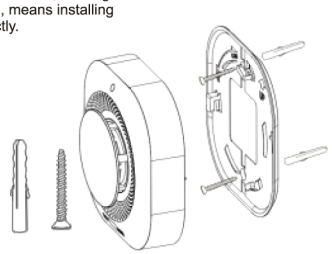
5、Installation





Installing method

a. Make a hole on the ceiling by using the percussion drill
b. Install the expansion tube on the ceiling
c. Fix the installation board by using the screw
d. Aiming the alarming device with the installing board and connect them, rotating clockwise till heard the "kaca" sound, means installing correctly.



Installing attention

a. Indoor stalling only
b. Keep 50cm away the device from the illumination lamp
c. Keep away from the bathroom and watery place
d. Keep away from the fire smoke and steam.
e. Keep away the place below 0℃ or above 50℃
f. While the cupboard near the ceiling, keep the device 60cm away from the cupboard.
g. Keep the device 150cm away from the ventilator, air conditioner and air vent.
h. If battery missed, the device cannot connect with installing board

6、Maintain

▪ Trouble happened while testing, please check immediately or send back to manufacture.
▪ Battery life can be used for 1 year in the normal environment, age will be reduces in the high temperature and high humid environment.
▪ Please ensure all the function be normal before installing, please keep in the safety place and avoid the dust, humid and corrosion.

FCC Caution：

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.