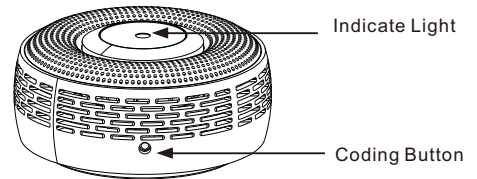


TC-U9AF-YG/Z

ZigBee Smoke Detector Installation Instructions

1. Product introduction

TC-U9AF-YG/Z is a wireless smoke detector with test key, and built-in buzzer, able to accurately detect the smoke, when the smoke concentration exceeds limit, smoke detector will be ringing, and send alarm signals to the host.



2. Technical Parameters

Alarm sound: 85DB

Working current: monitoring current ≤ 100 mA

Receiving/transmitting distance: ≤ 80 m (open ground)

Protocol: ZigBee proprietary protocol

Network Protocol: Zigbee IEEE802. 15. 4

Working voltage: DC 6V (2*CR123ABatteries)

Battery Life: 1 Year

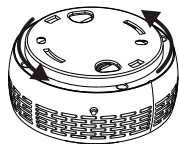
Wireless frequency: 2.4GHz

Lower battery indicator: Buzzer

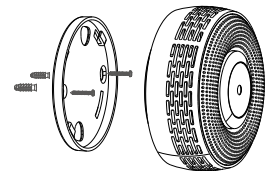
Alarm output: Red LED Light ON 5Sec, Buzzer Ringing

3. Installation Diagram

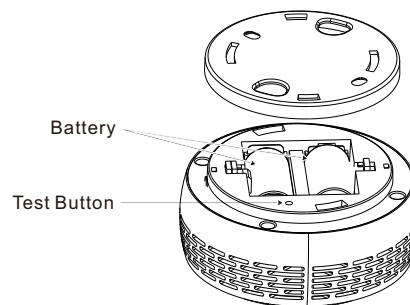
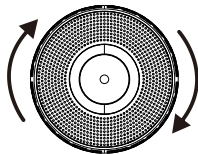
A. Press and hold the shell and rotate the base counterclockwise to open the detector.



B. Mark holes and drill holes on the wall.
C. Insert two expansion screws and fix the base on the wall with two screws.



D. Rotate the detector clockwise to the bottom at the position of the base buckle.



4. Function Operation

Add to Network: Press the Coding button to add the network, and there will be Green LED lights flashing.

The Green LED Light will off when successful add to network

Quit Network: Long press Coding button for 10 seconds, Green LED lights quick flash.

Then loosen the button to quit network for the next register.

5. Manually Testing

The red light of the detector will flash every minute when it is in working condition. When the test button is pressed for self-inspection, the red indicator light flashes and the buzzer will ring three times. Press the test button and wireless host for wireless code matching. When burning particle (smoke) concentration exceeds the limit of the detection, the detector will send out alarm, and fire alarm signal into the host, until the smoke spread to a minimum, detector probe back to alert.

Press the test button of the detector and the detector will send an impulse signal to the host. The red LED indicator lights up for 5 seconds while the detector alarms. It can also be used to test the detector by blowing smoke into the detector. When the smoke reaches a certain level, the buzzer will sound, indicating that the detector is working normally.

6. Notice

1. Do not install near doors, Windows, fans and other places, because these places have fast air circulation, which will reduce the sensitivity of the detector.
2. Do not install in places with high humidity or high temperature, such as bathroom or attic.
3. When the battery voltage is too low, the buzzer rings.

7. Daily Maintenance

1. Clean the detector every 3 months to maintain the working stability of the detector.
2. When the deficiency of the detector, detector buzzer rang, at this time should be timely replacement battery: remove the probe cover counterclockwise, remove the old battery will be new batteries in the correct polarity can be loaded. And then we put it back in the shell..