



Wireless Smoke Sensor Instruction Manual WR-5005-SD

RFzone Automations Pvt. Ltd.
Living Simplified

Descriptions

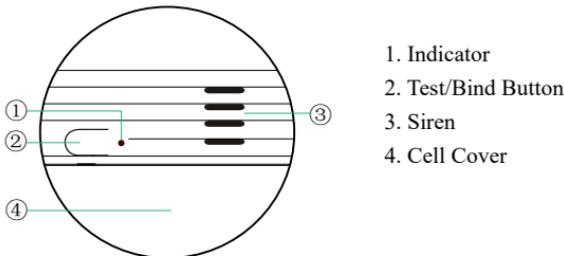
Dear users, please read this manual carefully before use.

Wireless smoke sensor adopts the labyrinth photoelectric smoke detection mode. The sensor detects once every 8 seconds, when the excessive smoke are detected, it will immediately hoot and send alarm signal to Smart Gateway. The battery life can be more than 10 years owing to its ultralow power consumption technology and two-way wireless communication technology.

Main Features

- ▶ Fully digital, highly reliable, large coverage, low power consumption internet of things, two-way wireless network
- ▶ Labyrinth photoelectric smoke sensor, with high stability and reliability
- ▶ Manual testing function
- ▶ Ultralow power consumption, battery life exceed 10 years
- ▶ Low battery notification
- ▶ Two-way wireless network

Product Structure Diagram



Installation

1. Mount the sensor base on the ceiling of detection area with screws;
2. Aim the sensor bottom at the positioning groove of sensor base, rotate the sensor clockwise to fasten it.

Attention

1. Don't mount the smoke sensor at outdoor place or somewhere with large air flux.
2. The mounting position must be larger than 0.75m away from the corner of wall.
3. Keep the sensor away from dust and moisture, semi-annual cleaning is recommended.
4. It's recommended to test the smoke sensor regularly.

Low battery notification : When the sensor in low battery, the low battery signal will be sent to gateway. The siren of gateway wouldn't hoot while gateway receiving the signal, only the notification will be sent to user.

Usage

Bind the smoke sensor with Wretro's Smart gateway before use : Long press the bind button for 5 seconds, the indicator will continuously flicker and send out binding request. Add a new smart device binding on the Wretro App. You can refer to the instruction manual of the Smart gateway for the detailed procedure. Short press the test button to send out a testing alarm to Smart Gateway.

Technical Parameters

Power Supply	6VDC (2*CR2450 button cell)
Current	Standby current: $\leq 12\mu\text{A}$ Alarm current: $\leq 30\text{mA}$
Wireless Operating Frequency	433MHz
Wireless Transmit Power	$\sim 10\text{dbm}$
Wireless Receiving Sensitivity	$\leq -105\text{dbm}$
RF Coverage	about 30m indoor, 100m barrier free
Operating Temperature	$-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$
Relative Humidity	$\leq 80\%$ (Non-condensing)
Detection Mode	Labyrinth photoelectric smoke detection
Dimension (D*H)	102×42mm
Total Weight	105g (battery included)

Warranty Terms

This products is guaranteed for 2 years since the date of purchase. During the guarantee period, if Wretro product malfunction (not contain artificial damages) under normal circumstances, they can be free repaired or exchanged. The guarantee will be void if the product is disassembled without the permission of our company.

