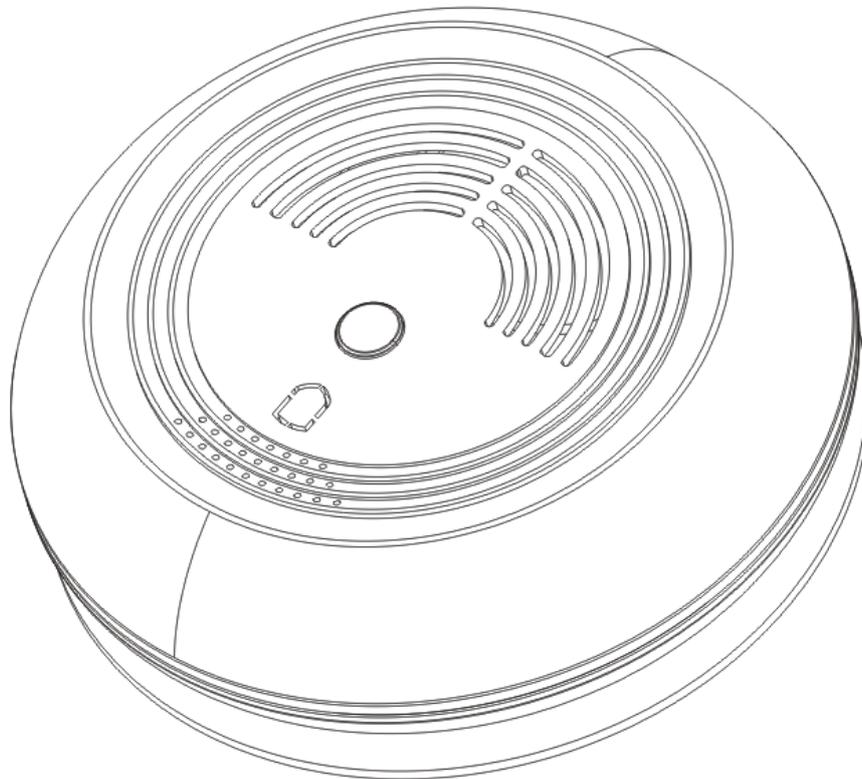


EVOLVEO

Salvarix

wireless smoke and high temperature detector

EN



www.evolveo.com

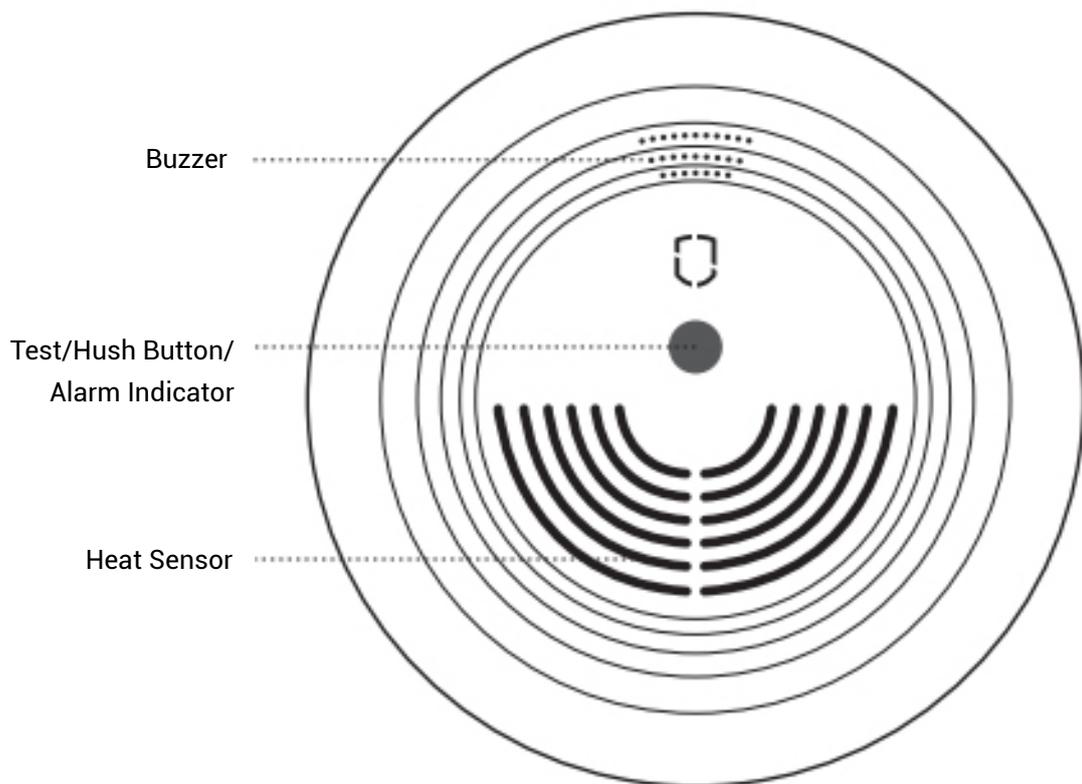
Introduction

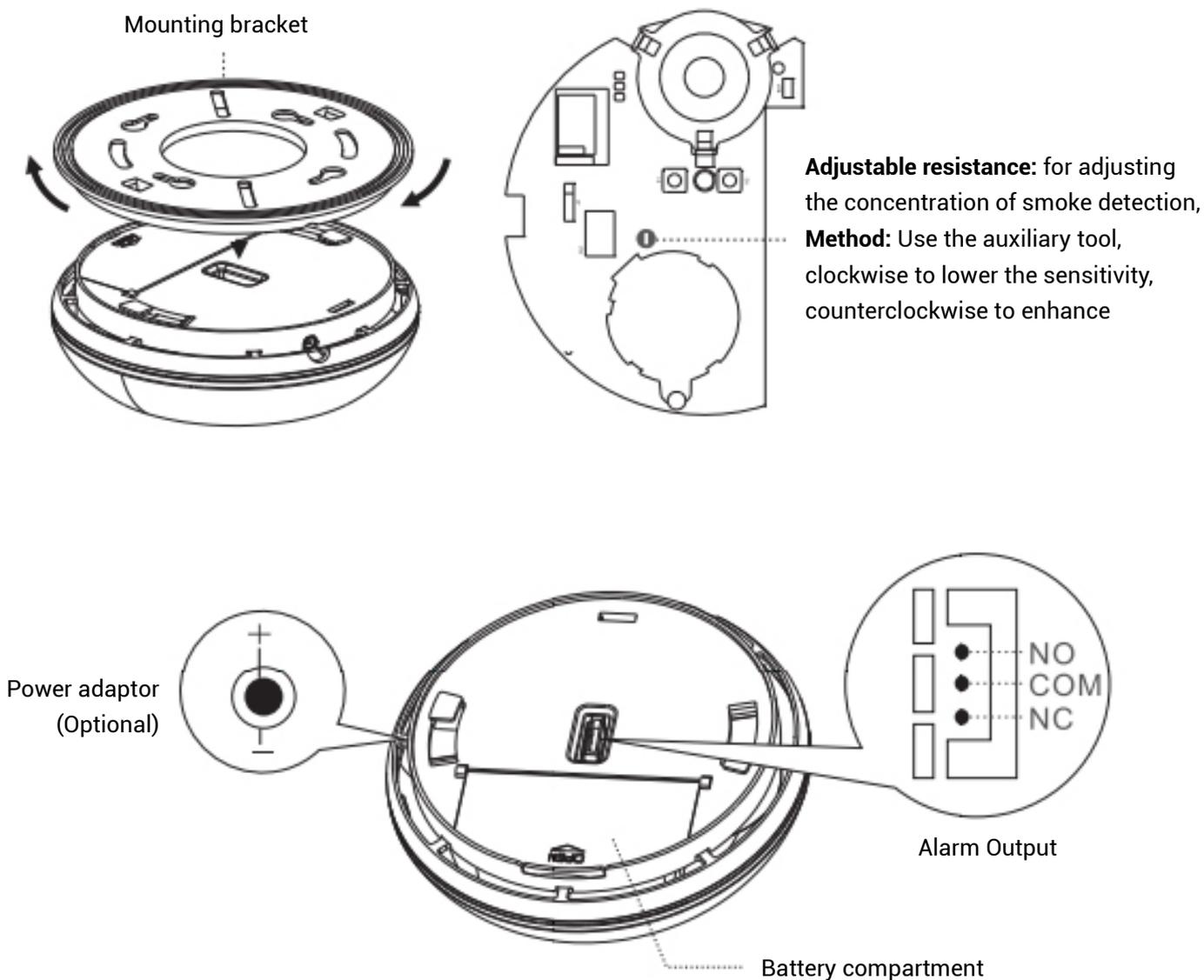
This product is photoelectric smoke and temperature sensor, it adopts unique structure design, and uses MCU to process photoelectric signal and temperature signal intelligently, ensure the stability of the product from the design. This product responds well to the smoke of smoldering and burning. This product consist of photoelectric smoke sensor and temperature sensor, when environment temperature exceed 57°C or environmental smoke concentration meets alarm level, it will send out sound and light alarm. This product is suitable for families, stores, shopping malls, hotels, office buildings, schools, banks, library, gym, and warehouse etc.

Feature

- SMT manufacture technology adopted, high stability
- Infrared electric smoke sensor & temperature sensor, double guarantee
- Ultra-low power consumption
- Sound & flash alarm / LED indicator
- Low battery prompt
- Fault auto checking function
- Mute function
- Anti-RF interference (20V/m-1GHZ)

Product Profile





Note: Alarm Output only for "Wired version", with 1-second delay alarm function.

1.3 Alarm Status and instructions

Battery Check:	≤6.8VDC(Device will self-check its battery voltage every one minute, when voltage lowers than 6.8v, LED light will flash and make di di di di sound to remind low voltage, please change new battery to make it work normally.
Alarming:	When smoke/temperature reaches the alarm threshold, red alarm indicator flashing and with alarm reminding sound, (check the smokescope every two seconds, check temperature every 5 seconds)
Alarm Removal:	When alarming, long press "Test "button for 2 seconds can stop the alarming sound, detector will detect again after 10 seconds.
Status indicator:	Red indicator flashes once every 60 seconds.
Test, Mute button	Test Function: press this button for 1 second, the indicator flashes once, at the same time send wireless signal, buzzer ringing for 3 times. It means this detector is tested

successfully.

Pair function: Make sure the alarm panel pairing status, press this button, pair to the alarm panel.

Mute function: When alarming, long press this button for 2 seconds, then it is mute status.

Equipment Installation & Attention

Installment Environment:

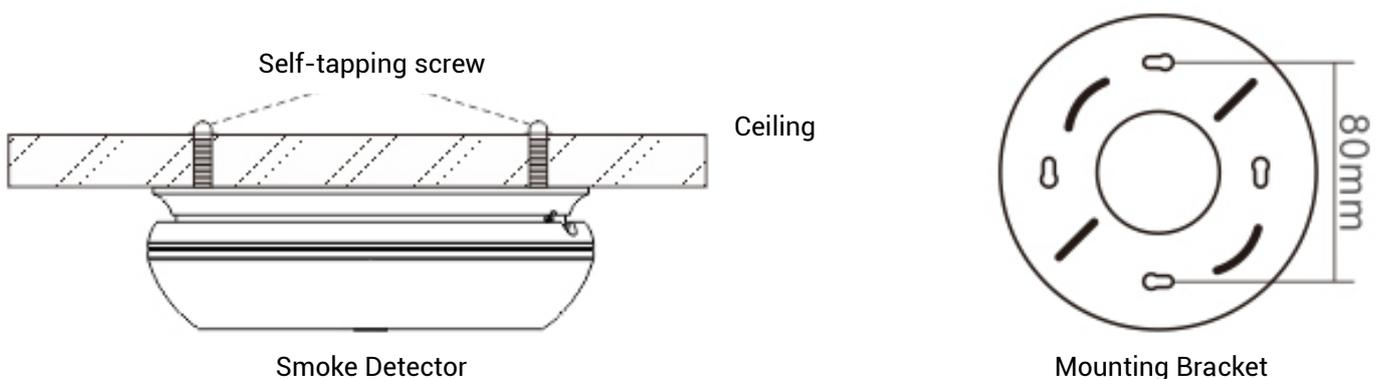
This product is not available in the following places:

1. A place with smoke
2. A place with large dust, water, steam, oil mist pollution and corrosion gas.
3. The place of which the relative humidity more is than 95%
4. The place of which the Ventilation speed faster than 5 m/SEC

Installation method:

1. Put the battery into the capsule according to the indication
2. Connect wired output device in the bottom (Wired version)
 - Choose a right place to install
 - Dig a hole in the installed location according to the position.
 - Then put plastic nails and fix the bracket into the wall.
 - Fix the smoke detector and make sure it is connected with bracket properly.
 - Smoke detector is suitable to be installed in bedroom, kitchen, garage, base room and etc.
 - The best installation is the center between bedroom and living room for you don't expect the right position of fire
 - If being installed in, it should be less than 4 meters of height of wall.
 - If being installed in the wall, the distance between the wall and ceiling should be 10cm to 20cm.
 - When being installed, smoke detector should not be installed next to door, window where there is too much floating air in order not to affect Sensitivity of smoke detector.
 - The quantity per unit area: one in 10–20 square meters. In special location, one per 2.5meters.
 - Don't install it in the wet place such as bathroom, top floor and etc.

Note: before installation, please do sensitivity test according to test function.



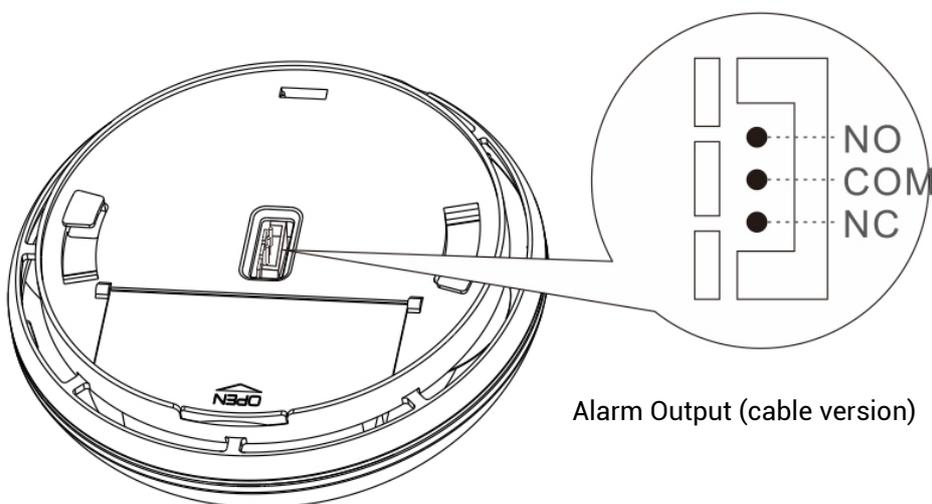
NOTICE

1. This product's fault auto-check function only refers to the fault check of infrared photoelectric sensor failure and battery lower power, the sensitivity of sensor still need to be tested according to requirements.
2. Please clean the surface of detector by soft brush per six months to ensure the sensitivity and life of product, and please switch off power before clean.
3. If there is product failure in use, please contact with the supplier, but do not dismantle or repair by yourself, to avoid accident.
4. If you don't use it for long time, please discharge the detector, take out the battery and put them into the packing box, and store in dry and ventilated place.
5. The detector can decrease the rate of the accident but can not assure no risk at all. For safety concern, besides proper usage of the detector, please enhance vigilance in daily life and take good protection.

Installation Diagram:

Instructions:

1. Work independently: normal power supply, set up device, no any more instructions, just use it directly.
2. The use of wireless network: the sensor with normal power supply support the linkage with alarm host to alarm, Firstly, make alarm host enter the code status, and click the test button of the sensor to trigger an alarm signal, when host receives the signal, it will indicate the success of the coding, after the success. If the smoke sensor detected the smoke, it will alarm, meanwhile it will also send the alarm signal to the host, then the host will start the remote network to notify the user by making a call or sending a message.



3. "External output port of alarm" function could be used for a wired connection, enabling one second delay alarm, port junction NO, COM, NC respectively match to normally open, maximum output load 2A 120V AC (2A 24V DC), normally closed. (Only for "Wired Edition")

NO	normally open,
COM	maximum output load 2A 120V AC (2A 24V DC),
NC	normally closed.

4. The product parameters

1	Operating voltage	9V battery (a 6F22) 9-12VDC 500mA (AC adapter)
2	Quiescent current	<18uA
3	Sensitivity	2.06ft%±1.3ft%
4	Alarm temperature	>57°C
5	Low pressure alarm	Lower than 6.8V
6	Alarm Sound Pressure	≥85Db/3m
7	Wireless transmission frequency	315MHz/433MHz
8	Wireless transmission distance	60-80 meters (open distance)
9	Protection area	when space in the height of 6-12 meters, to protect an area of 80 square meters; height of 6 meters or less, to protect an area of about 60 square meters; specific parameters should refer to design specifications of GB50116-98 of automatic fire alarm system
10	Working environment:	Temperature -10 °C ~ + 50 °C, relative humidity <90% RH
11	Battery life	One 9V battery can be used for more than one year
12	Case material	Flame-resistant ABS
13	Dimensions	Φ123mm*41mm
14	Weight	182g(with battery)
15	Performance standards	GB4715;GB4716;En14604;UL217



Disposal: The symbol of crossed out container on the product, in the literature or on the wrapping means that in the European Union all the electric and electronic products, batteries and accumulators must be placed into the separate salvage after finishing their lifetime. Do not throw these products into the unsorted municipal waste



DECLARATION OF CONFORMITY

Hereby, the company Abacus Electric, s.r.o. declares that the EVOLVEO wireless smoke and high temperature detector is in compliance with the requirements of the standards and regulations, relevant for the given type of device.

Find the complete text of Declaration of Conformity at <ftp://ftp.evolveo.com/ce>

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