

1. INTRODUCTION

Ultra low power consumption, photoelectric smoke detector sensor. Can provide both local alarm and alarm information can be quickly transmitted to the relevant user terminal through the internet platform. This smoke alarm is designed to protect the property by detecting, sensing, and sending out alarm signals in advance.

Note :

- This product can only detect smoke particle and temperature
- This product is only intended to be pre-warned and prevented when installed in the installation



2. TECHNICAL DATA

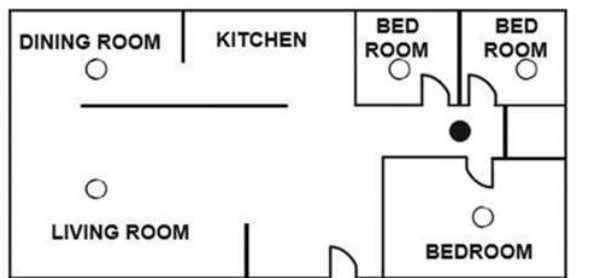
Type Product	AR-WFA-CM-SD
Power Supply	DC9V battery 6F22
Battery Life	10 Month
Sound Specification	>85dB / 3m
Ambient Temperature	-10°C ~ 55°C
Humidity	95% RH max (no condensation)
Standby current	>30uA
Alarm current	≥35mA
Self test time	60s
Installation	Ceiling

3. REASONABLE INSTALLATION LOCATION

- ✓ Near the stairwell.
- ✓ If the corridor is more than 12 meters long, install it at both ends of the bedroom corridor.
- ✓ This product can be installed in each separate bedroom to ensure that sleepers are awake when someone in the bedroom is asleep and the bedroom door is closed.
- ✓ As shown in Figure 3, this product can be installed in every room except the bathroom, kitchen and basement.
- ✓ As shown in Figures 1 & 2, this product can be installed in all bedrooms.
- ✓ As shown in Figure 4, this product should be installed in the center of the ceiling as much as possible, but please be careful not to install it near the corners of the edge.

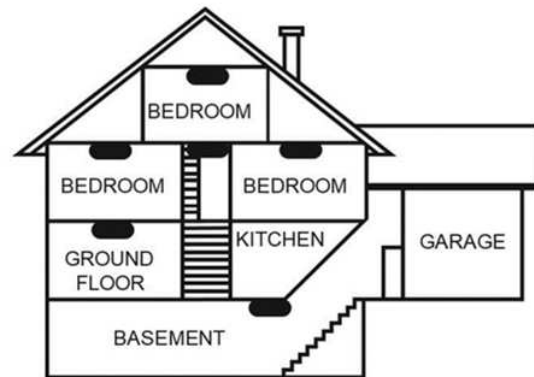
ARTRA Fire Protection, email : info@artra.co.id, support technis <http://www.artra.co.id/>

- ✓ As shown in Figure 5, when installing on an inclined surface or a curved surface, make sure that the product is not too close to the corner corners.



- SMOKE ALARM DETECTORS FOR MINIMUM SECURITY
- SMOKE ALARM DETECTORS FOR MORE SECURITY

Figure 1 & 2 - Bedroom installation diagram



- SMOKE ALARM DETECTORS FOR MINIMUM SECURITY

Figure 3 - inter-floor installation diagram

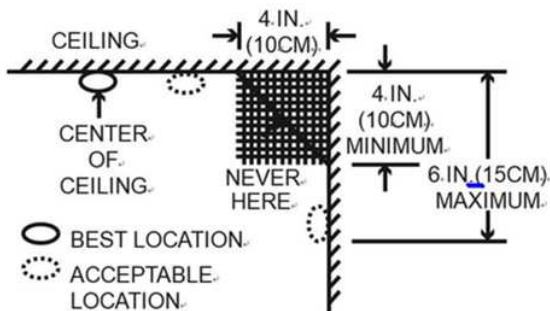


Figure 4 - ceiling installation diagram

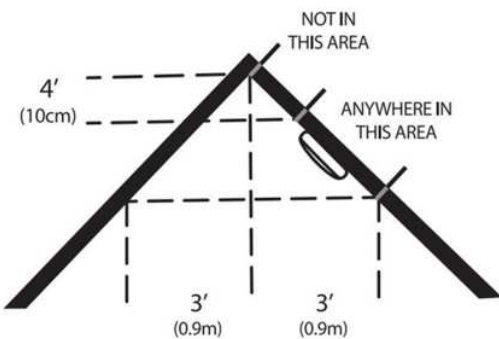


Figure 5 - curved surface installation diagram

- ✓ Please do not install a smoke alarm in a humid environment, such as a bathroom. Water vapor enters the detection unit of the smoke alarm, causing false alarms and malfunctions. Make sure the smoke alarm is at least 3 meters away from the humid environment.
- ✓ Do not install this product in a place where there may be a lot of dust. Dust may enter the detection unit, causing false alarms.
- ✓ Do not install this product in a place with high air circulation. Such as the air conditioner. Strong air flow will blow away the smoke, causing the alarm to fail.
- ✓ Do not install this product in places where air circulation is too weak, such as the roof. The non-flowing air can hinder the spread of smoke, causing the alarm to fail.
- ✓ Do not install this product near strong light sources, such as fluorescent lamps. Due to electrical characteristics, strong light can cause false alarm on smoke alarms.
- ✓ Do not install this product near metal sources. Strong metals will absorb wireless signals, causing wireless functions to fail.

Warning : Please do not stop the false alarm by powering off. The smoke alarm stops the alarm after the smoke in the detection unit has dissipated. If you want to stop the alarm immediately, you can speed up the scattering of smoke inside the detection unit, such as blowing.

4. INSTALLATION GUIDE

This product needs to be installed on the ceiling. You can refer to Chapters 3 of this article to determine where to install the product. Please follow the steps below to install.

1. Draw a 15 cm line at the location you want to install.
2. Remove the back cover from the sensor.
3. Align the two elongated holes on the back cover with the previously drawn lines and mark the two long holes on the line. .
4. Using a 5 mm drill bit, make two holes in the position where the long hole was previously marked, then insert the two plastic expansion tubes into the hole, making sure that they are completely immersed. Please be careful not to let the dust generated by the punch enter the smoke sensor when punching.
5. Align the long hole on the back cover with the expansion tube and then screw the screw into the expansion tube from under the back cover.
6. Install the battery into the smoke sensor. For details, please refer to the “Start up” section.
7. Fasten the smoke sensor to the back cover.
8. Press the test button on the alarm. If you hear the sound, it means the smoke sensor has started working.



5. START

“ This product requires 9 volt battery, the smoke sensor will directly enter the self-test and login platform or other working conditions “

Warning: Do not expose this product to high heat. In a high heat environment, the battery may explode, leak, expand and other dangerous accidents.

The correct way to install the battery :

1. Open the back cover of the product and you will see the battery compartment clearly.
2. The battery should be correctly aligned with the positive and negative terminals of the battery compartment for installation.
3. After the battery is installed, try shaking the smoke alarm to ensure that the battery does not come loose.

Note :

1. When the smoke sensor is energized, the red light pole on the surface will light up for 0.5 seconds at the moment of power-on, and the buzzer will beep once. Then the battery is connected correctly.
2. Press the button (the side with the word "TEST" in the figure), and the buzzer remit three times of “di di di”. This feature is to indicate that the smoke alarm is currently working.

6. OPERATION PROCEDURE

Working status	When you saw	Description
Smoke alarm normal	In the App “untriggered”	Can see in the App
Battery weak	In the App “sufficient”	Can see in the App

7. DETECTION & ALARM RESET

Press the button (the side with the word "TEST" in the figure), and the buzzer "di di di" is called three times. This feature indicates that the current smoke sensor is working and working properly. It is recommended to perform a button test once a month to ensure that the smoke alarm is in operation.

Press the button (the side with the word "REST" in the figure). When the smoke alarm sounds an alarm, this function can stop the current smoke alarm and return to normal operation. After confirming that the alarm is a false alarm, press this button as soon as possible to cancel the alarm.

Warning : Do not place this product in flame to test the alarm function of this product. This is not only dangerous, but it is also very likely to damage the product. The only safe and correct way to test is to use the test button for the alarm function test.

8. REPLACE THE BATTERY

When you hear a short beep every 60 seconds, this means your smoke sensor is already in low battery. The low battery status will alert before the battery is completely drained, until the battery is exhausted. This means you need to replace the battery immediately.

The steps to replace the battery are as follows :

1. Remove the smoke sensor directly.
2. Remove the battery from the inside of the battery compartment.
3. Install a new battery, please refer to the "Start up" section for battery installation.
4. After the battery is installed, push the smoke alarm up to the back cover and press the button test. If an alarm sound is heard, the smoke alarm has started working.
5. Install the battery to pay attention to the battery, positive and negative. Do not reverse.

9. ALARM RESTRICTIONS

- ✓ This product can only detect smoke particles and temperature. Other gas such as carbon monoxide, natural gas, and liquefied gas cannot be detected.
- ✓ This product is battery powered and the battery type is 9V battery. Using other types of battery power may cause damage to the device.