

firefighter smoke/CO alarm monitor and system notification sensor

Overview

FireFighter's unique technology monitors the alarm activity of existing UL listed smoke and/or CO detectors. When an alarm tone is detected, the signal is sent to the security control or home automation hub which in turn signals notifications to system sirens, apps, and central monitoring centers.

Standard Features

- Provides home safety notification when home or away.
- Only one device needed for UL listed interconnected smokes found in most homes today.
- Monitors any existing UL listed smoke or CO detector.
- 4 year battery life with CR123A Lithium Battery.

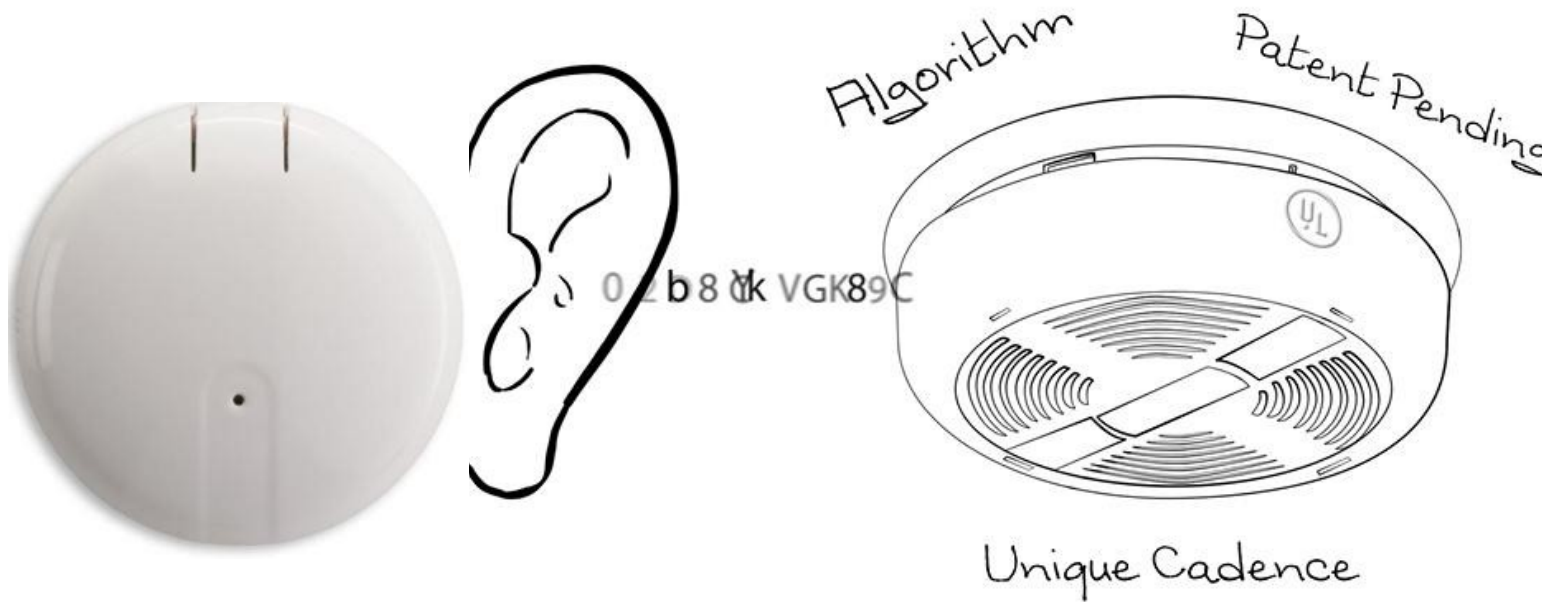
The most cost effective way to monitor smoke and CO for family peace of mind.



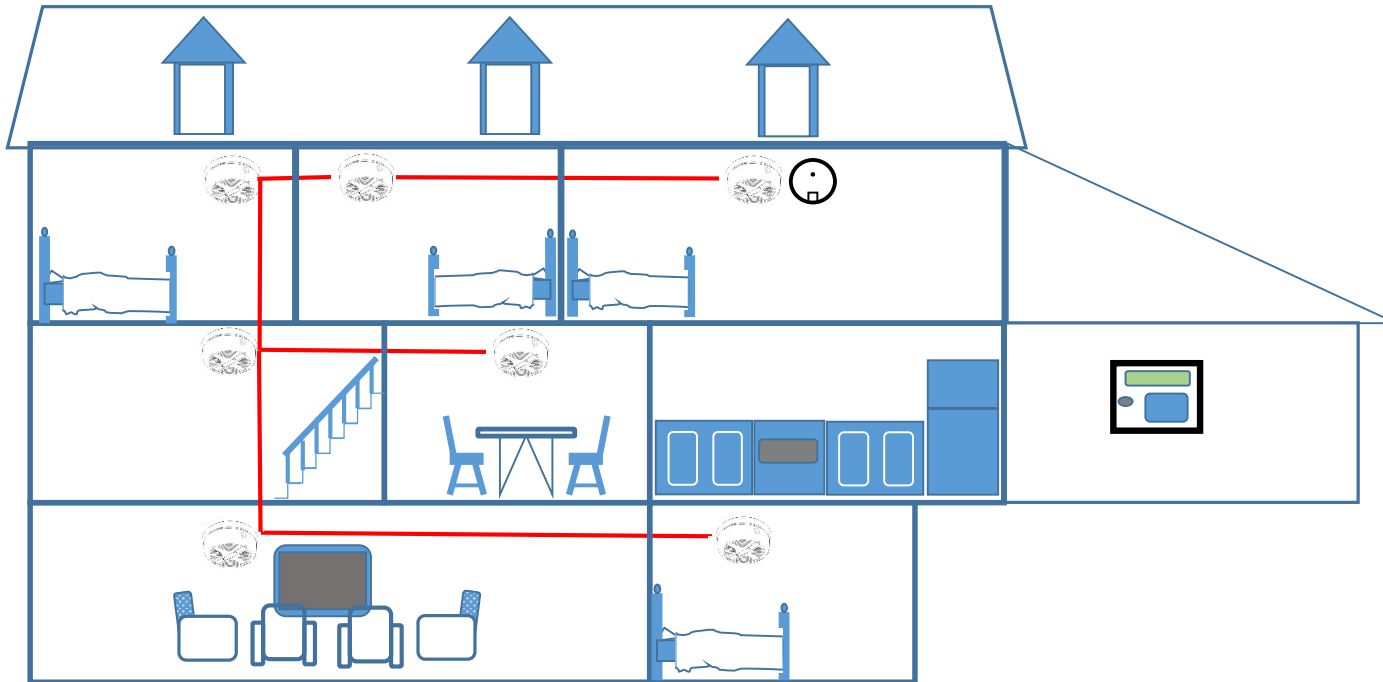
The patented **FireFighter** sensor algorithm listens and recognizes the unique alarm tones of a UL Listed smoke detector and CO detector.

National Fire Protection Agency and Underwriters Laboratory regulations require a 3 blast tone cadence for smoke alarm called, "Temporal 3", and a 4 blast tone cadence for CO alarm called "Temporal 4".

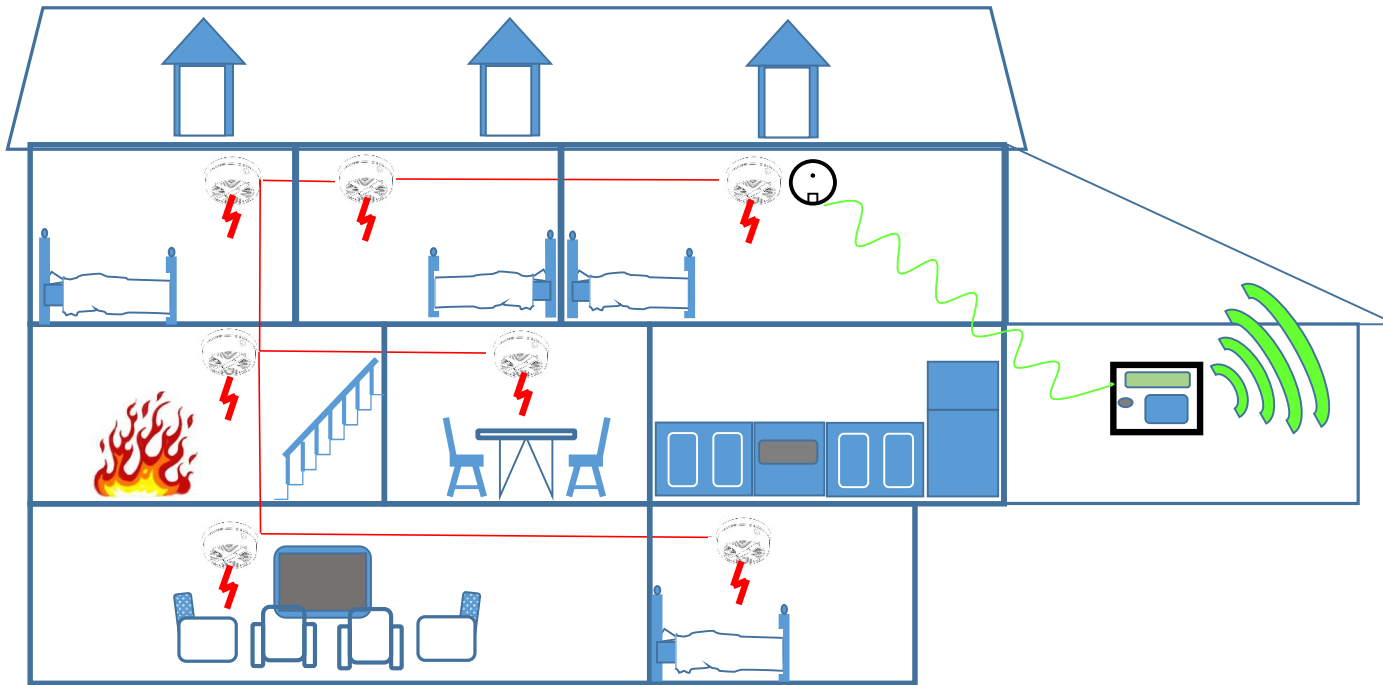
Firefighter sensor triggers notification on the second detector alarm cadence blast.



For more than 37 years, at least one smoke detector has been required in a home. In the last 24 years, building codes require that smoke detectors be interconnected, blasting all detector alarms when one detector senses smoke. There are no home building codes that require homeowner fire notification if they are not home. **FireFighter** solves this! When smoke detectors are interconnected, only one **FireFighter** sensor is required.



When smoke alarm occurs, the **FireFighter** sensor transmits a signal to your system which can quickly sends out proper notifications when you are not at home.



FireFighter application information and programming steps:

Application Tips:

- Our **FireFighter** audio detection device is factory tested and compatible with the following home automation hubs.
 - Samsung SmartThings V2 – Device is generic “ZWAVE Sensor”. **the app is updated often. This may change.*
 - Samsung SmartThings V3 – Device list “ZWAVE Siren”. Device is listed as “Ecolink Firefighter” after learning process with  app icon.
 - Vera Plus – Device listed as generic on/off device.
 - HomeSeer – Device listed as “Ecolink Notification Sensor”
 - We cannot guarantee the devices will work with other hubs.
- Let’s find out if your smoke detectors are UL listed “inter-connected”.
- Tell your family to hold their ears. Press and hold the “test” button on one of your smoke detectors for 10 seconds.
- You’re going to hear the alarm tone from the smoke you are standing under, listen for that tone from another smoke detector in your home as well. If you hear other smokes making the alarm tone, you are inter-connected.
- While you are at it, it’s a good idea to test all of your smoke detectors. Change those batteries!
- If you are inter-connected, you only need one **FireFighter** audio detector.
- If you do not hear the alarm tone from other smoke detectors in your home, you will need a **FireFighter** for each smoke detector.
- Remember, the **FireFighter** audio detector is listening for the audible alarm tone and then verifying that tone before sending a notification.
- NOTE: The **FireFighter** audio detector will also provide notification for alarm tones coming from CO detectors. Most CO detectors are not inter-connected. If you are using **FireFighter** audio detector for your CO detectors, perform the same test to check this.
- AND ANOTHER THING: Some home detectors detect both smoke and CO. If you have a dual detection device, and they are inter-connected, you only need one **FireFighter** audio detector.
- LAST THING, I PROMISE: If you have multiple CO detectors and they are NOT inter-connected, you will need a **FireFighter** audio detector for each.

FireFighter application information and programming steps:

Installation Tips:

- Look for the microphone vent holes on the **FireFighter** audio detector. It should be easy to see. Look for a bunch of little holes in the plastic cover.
- Point the vent holes to the smoke detector. Mount the **FireFighter** audio detector with the vent holes within 6" from the smoke detector. 4" is best.
- We give you some screws and some double sided tape. Choose your mounting method. Double sided tape is easier. Screw holes are easier to fix if you ever take it down. Mounting plate arrow is the microphone vent hole side. Make sure it points toward the smoke or CO detector.

Programming Tips:

- First, there is a lot of good information in the instruction sheet provided in the box. Read it.
- The **FireFighter** audio detector ships default ready to detect smoke detector alarms only. See below to detect CO alarms.
- Open the cover by pressing the obvious spot on the unit. It has a round indentation you can place your thumb in and squeeze. You can do this!
- Remove battery tape to engage the power. Then mount the sensor to the mounting plate.
 - The battery will blink red one time and then pulse green indicating the device is not programmed with a hub.
- Put your home automation hub in device inclusion mode. This is where a good understanding of your hub is required!
- Press the small rectangle button located between the tamper switch and the battery (see image). HOLD FOR 10 SECONDS.
 - The LED will turn yellow (red & green meant to be yellow I suppose). This indicates the device is transmitting for inclusion.
 - Watch for indications of inclusion acceptance from your hub.
 - On successful inclusion and proper programming of the hub, test the **FireFighter** audio detector by holding down the test button of your smoke or CO detector. Hold the button down for at least 3 cycles of the alarm cadence.
- CO alarm audio detection set up.
 - Press and hold both the programming button and the tamper switch for 10 seconds.
 - Remove and replace the battery.
 - On battery replacement, watch the LED light. Look for a RED, RED, GREEN blink. If you see this, the device will listen for CO detector alarm condition.
 - Test devices to be certain.
 - NOTE – When detecting both CO and smoke alarms, you may shorten battery life. Battery levels are supervised by most hubs.

