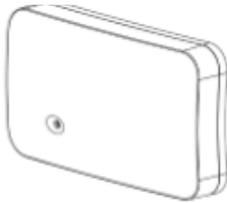




# Frontpoint®

## Glass Break Sensor



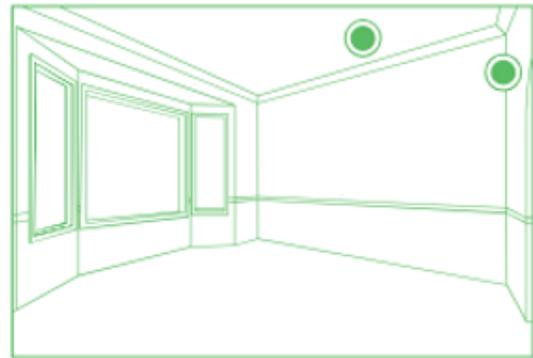
The Glass Break Sensor uses a microprocessor to “hear” the unique frequency of breaking glass within 20ft of the sensor. This makes it ideal for covering large open areas with multiple doors or windows without needing to buy a Door/Window Sensor for each one.

### Installation

Place the Glass Break Sensor at a height of at least 6.5 ft and no more than 20 ft from any glass doors or windows you wish to protect. The sensor must have a visual line-of-sight to the doors or windows.

Do NOT place the sensor in any of the following areas:

- directly on a window or door
- in a stairwell
- near an air vent
- nearby sources of white noise (i.e. fans or other constantly running appliances)



*Do not mount sensor directly on a window.*

### Mounting

Once you determine your placement, adjust the sensitivity setting:

1. Unscrew the backplate from your sensor.
2. Adjust the setting based on the range you need to protect. There are four settings with protection for different sized areas.
3. Always default to the smallest area you need, as larger areas are more prone to false alarms.

#### Option # 1: Adhesive

1. Ensure surface is clean and dry.
2. Remove film on adhesive, then press and apply firm pressure for at least 30 seconds to add to the product first, and then wall.

#### Option # 2: Screws

1. Unscrew the screw located on the bottom of the device to open the sensor.
2. Insert the mounting screws (provided) through the holes in the back plate, indicated in the image below, and screw into the wall.
3. Reconnect front cover and tighten the bottom screw.

### Trouble Conditions

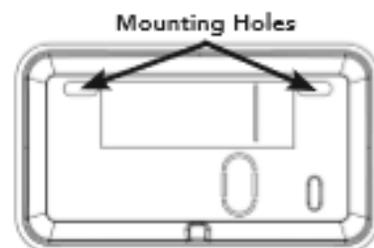
The below statuses will appear on your app and panel if there is an issue with your device:

**Tamper** – Cover is not set correctly on device. To fix, confirm the cover is securely connected.

**Low battery** – Battery is reaching end of life for the sensor. To fix, replace with 1 CR123A Lithium battery.

**Malfunction** – The sensor is not communicating properly with your panel. Ensure that the battery tab has been removed; if the problem persists, please contact Support at (877) 602-5276.

**Alarm** – Sensor has detected the sound of panel glass breaking since the last time the system was armed.





## An alarm was indicated, but no glass was broken. Why?

Since the Glass Break Sensor works based on sound, there are a couple of factors to consider if the sensor has gone off accidentally.

1. Ensure it not nearby any source of white noise, fan, motor, air vent, etc. Constant activation of the speaker can send a false positive.
2. Excessively loud noises in the same area as the sensor can cause a false positive; known examples are kids screaming, pet birds, construction being done on the outside of the house (roofing)- although it ultimately depends on the placement of the sensor and acoustics in the room.
3. Check to make sure the sensitivity setting (located on the inside of the device) is only as strong as needed. For example, if the window you are protecting is 10 ft away, make sure the setting is set to "MEDIUM (13 FT)" and not "MAX (20 FT)". Smaller protected areas are less prone to false alarms than larger ones.

## A glass object just broke in my home, but the Sensor didn't trigger. Why?

If a glass cup or bowl breaks in the vicinity, the Glass Break Sensor may not trigger. It is tuned to the frequency of breaking **panel** glass (like would be on a door or window), so for other glass household items, it will depend on how loud it is and the acoustics of the room.

## How can I test my sensor?

The sensor can only be tested in TEST mode, which will be entered for five minutes after the sensor is powered on. The LED will flash once per second during this time, and the sensor can be tested with a glass break detector or other loud noise. If an alarm is detected, the LED will flash rapidly for 2 seconds and an alarm signal will be sent to the panel. If the sensor does NOT trip, check the internal sensitive settings to make sure they are sufficiently high.

## Specifications

Physical	
Housing Dimensions	4.1 x 2.3 x 1.0 inches (10.6 x 6.0 x 2.6 centimeters)
Weight with Battery	2.75 ounces (78 grams)
Mounting Fastener	#6 screws, anchors, VHB tape (all provided)
Environmental	
Operating Temperature	32°F to 120°F (0°C to 49°C)
Maximum Humidity	85% non-condensing relative humidity
Sensor Specifications	
Frequency	319.5 MHz
Replacement Battery	One Panasonic® CR123A
Nominal Battery Life	3.5 years
Battery Voltage	3.0 VDC (Nominal), 2.2 VDC (Low)
Current Draw	30 mA (Maximum), 50 uA (Quiescent)
Transmitted Indications	Low Battery, Tamper, Supervision, Alarm
Certification	
RE129	FCC, IC

*Specifications subject to change without notice.*

### FCC NOTICE

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference that may be received, including any interference that may cause undesired operation.

Changes or modifications not expressly approved by manufacturer could void the user's authority to operate this equipment.  
FCC ID: USX-RE129

### IC NOTICE

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux cnr d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) L'appareil ne doit pas produire de brouillage, et
- (2) L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IC: 8310A-RE129