Qolsys
QUALITY OF LIFE

POWERED BY
RESOLUTION PRODUCTS

QS-1410-P01 IQ Glass Sensor

Features
- Sensor detects the sound of breaking glass.
- 360° Omni-directional coverage.
- Optional external contact connection.
- Enrollment Button: **Only used for enrolling**.
- Strong, reliable RF signal.
- 4-6 year battery life on CR123A battery.
- Low Battery indication.

Key Instructions
- Mount sensor at least 3.3 ft from desired protected window (Max 25 ft)
- Needs to be in line of sight of window being protected (avoid corners and doors blocking the sensor)
- Glassbreak is 1st (outer) hardwire zone (1st ID)
- External Contact connection uses 2nd (inner) hardwire zone (2nd ID)
  - With Common Center Terminal

- Enrolling:
  - Main Zone - 1st ID enrollment:
    1. Put Qolsys control panel in learn sensor mode
    2. Push Enrollment Button to enroll glassbreak portion
  - External Contact - 2nd ID Zone enrollment:
    External contact will be normally closed, alarming on open.
    1. Put Qolsys control panel in learn sensor mode
    2. Holding Enrollment Button down, plunge battery into sensor, release Enrollment Button
    3. Sensor sends enrollment signal.

- Testing:
  - Put sensor in Test Mode by: *(use a GE 5709C Shatter Series Tester)*
    1) Put Tester on Tempered setting
    2) Hold Glass Tester next to the Microphone and activate tester
    3) The red LED will light for 4 seconds
    4) Sensor sends alarm to control panel
  - Red LED will blink 1 time per second for 1 minute (Test Mode)
  - Every time the sensor hears the Glass Tester in Test Mode, the red LED will light for 4 seconds and sensor sends alarm
  - In Test Mode
    1. Test sensor distance – Holding tester near surface of the window protected, activate tester with speaker pointed towards sensor
    2. If the red LED does not light for 4 seconds, relocate sensor and retest
    3. When location is verified and a good test is confirmed, the red LED will stop blinking 1 minute after last tester sound it hears

NOTE: The pattern recognition technology of this sensor ignores most false alarm sounds, including glassbreak testers. (except in test mode)

Operation
- Sensor detects glass breaking from framed windows, and sends alarm to control panel
- External Contact - 2nd ID **(if activated)** alarms on seperate zone
- Enrollment Button (**will send tamper signal**) – Pushing it sends 1st ID and holding enrollment button down, plunge battery sends 2nd ID
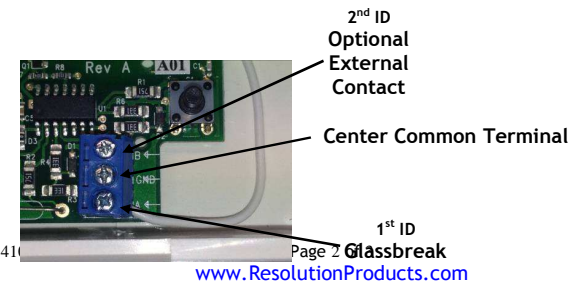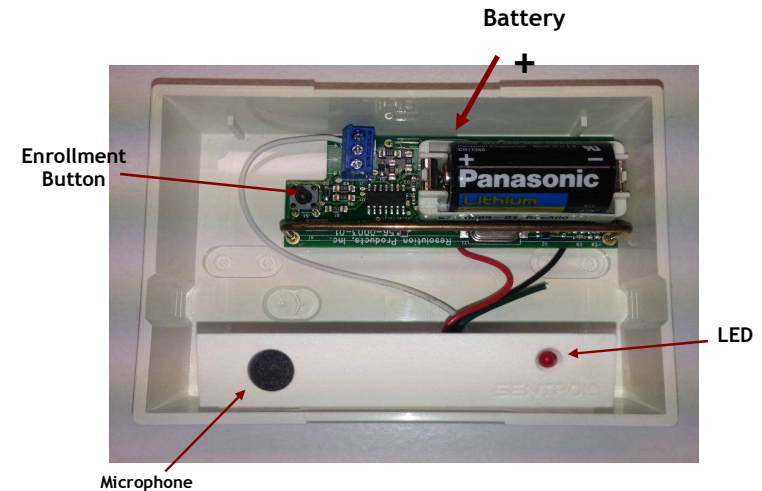- Supervisories, every hour (including Ext Contact, if activated)

Specifications
Sensing parameters:	Maximum 25 feet
Mounting Spec:	At least 3.3 feet from windows being protected, and 4 feet from sources of noise
Mounting hardware:	# 4 or #6 screws
Replacement Battery:	CR123A 1550mAH
Temperature Range:	14 to 120°F
Housing dimensions:	4.25 x 3.13 x 1.70 inches
Design & Manufacture:	Resolution Products, Inc.

Specifications subject to change without notice.

Internal Picture

Battery +
Enrollment Button
LED
Microphone

2nd ID
Optional External Contact

Center Common Terminal

1st ID
Glassbreak

Notices

Verify proper enrollment and operation, per control panel installation instructions, at installation.

<u>Warranty</u>
Qolsys will replace products that are defective in their first two years.

<u>FCC Notice</u>
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 interference that may cause undesired operation.

Changes or modifications not expressly approved by the Resolution Products, Inc. could void the user's authority to operate this equipment.

FCC ID: U5X-RE101X

<u>IC Notice</u>

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.

Cet appareil est conforme avec d'Industrie Canada RSS standard exempts de licence. Son fonctionnement est soumis aux deux conditions suivantes:
1. Ce dispositif ne peut causer des interférences, et
2. Ce dispositif doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement du dispositif.

IC: 8310A-RE101