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# ShatterPro™ 3

Acoustic Glassbreak Sensor

### Overview

The ShatterPro™ 3 is the latest breakthrough in GE Interlogix's advanced series of acoustic glassbreak sensors. In independent lab tests, the ShatterPro™ 3 provides 25% better false alarm immunity than industry leading glassbreak sensors\*. The coverage pattern can be easily adjusted to fit small or large rooms. Interference outside the range will not cause false alarms.

The ShatterPro™ 3 detects in a full 360° coverage pattern, with a maximum 25' (7.5m) radius from sensor to glass. Using our patented Pattern Recognition Technology, the sensor listens for actual patterns of breaking glass while eliminating most false alarm patterns. ShatterPro™ 3 listens across the glassbreak frequency spectrum for greater false alarm immunity.

Available with a round or rectangular housing. ShatterPro™ 3 can be tested without opening the sensor by activating the hand held glassbreak tester at close range. A simple hand clap feature lets end users confirm at any time that the ShatterPro™ 3 is operational.



### Standard Features

- 25 percent better false alarm immunity than industry leaders\*
- Adjustable to room size
- All new, easy-access design
- End-user can test sensor operation with a clap of the hands
- Alarm memory

### Model Numbers

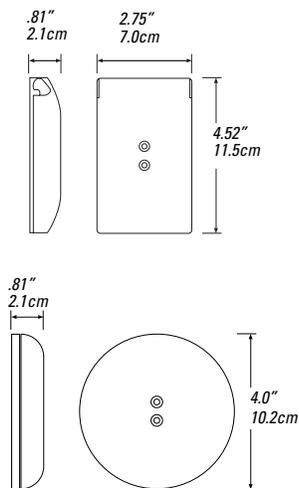
5812NT, R5812NT, 5815NT, R5815NT

\* Wyle Lab glassbreak testing, May 2000

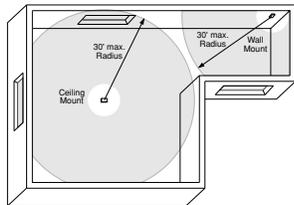
# ShatterPro™ 3

Acoustic Glassbreak Sensor

## Dimensions



## Mounting Location



## Specifications

|                                    |   |
|------------------------------------|---|
| <b>Electrical</b>                  |   |
| <b>Input voltage</b>               | 9 to 16VDC                                      |
| <b>Current</b>                     |   |
| <b>Typical</b>                     | 15mA  |
| <b>Maximum</b>                     | 25mA  |
| <b>Electrical configuration</b>    | Form A, Form C                                  |
| <b>Field wiring size</b>           | 18-24AWG  |
| <b>Relay rating</b>                | 16V, 50mA max.                                  |
| <b>Detection range</b>             | 3-25' (0.9-7.6m) x 360°                         |
| <b>Alarm response</b>              | 4 sec.  |
| <b>Features</b>                    |   |
| <b>Minimum glass size</b>          | 12 x 24" (30.5 x 61cm)                          |
| <b>Recommended glass thickness</b> |   |
| <b>Plate</b>                       | 3/32-1/4" (2.4-6.4mm)                           |
| <b>Tempered</b>                    | 3/8-1/4" (3.2-6.4mm)                            |
| <b>Wired</b>                       | 1/4" (6.4mm)                                    |
| <b>Laminated</b>                   | 1/8-1/4" (3.2-6.4mm)                            |
| <b>Environmental</b>               |   |
| <b>Operating temperature</b>       | 32° to 122°F (0° to 50°C)                       |
| <b>Relative humidity</b>           | 10 to 95% non-condensing                        |
| <b>Dimensions</b>                  |   |
| <b>Round Housing</b>               | 0.81 D x 4.0" Dia.<br>(2.1 x 10.2cm)            |
| <b>Rectangular Housing</b>         | 0.81 D x 2.75 W x 4.52" H<br>(2.1 x 7 x 11.5cm) |
| <b>Color</b>                       | White   |



## Ordering Information

| Model              | Description  |
|--------------------|--|
| 5812NT             | ShatterPro 3 with rectangular housing, Form A                |
| R5812NT            | ShatterPro 3 with round housing, Form A                      |
| 5815NT             | ShatterPro 3 with rectangular housing, Form C, tamper switch |
| R5815NT            | ShatterPro 3 with round housing, Form C, tamper switch       |
| <b>Accessories</b> |  |
| 5709C              | Glassbreak hand-held tester                                  |



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