

### Overview

The Wireless ShatterPro™ series, which is ideal for applications where hardwired acoustic sensors are impractical, listens for actual patterns of breaking glass using Pattern Recognition Technology™. These sensors feature a 20-ft. (6 m) range from sensor to glass. The sensor is suitable for use in quiet occupied areas on the perimeter loop.

The sensor's low-profile housing accepts most wireless transmitters inside the back box. Each sensor also ships with a mounting bracket that will hold larger transmitters. No transmitter is included with the sensor, but NX-488 or 60-873-95 are recommended if you prefer a turn-key wireless acoustic sensor for use with GE Security panels (see ordering).

A simple hand clap feature lets the user confirm that the sensor is operational, or a handheld tester can be activated at close range.

### Standard Features

- Compatible with most wireless transmitters
- 20-foot (6 m) radius range and 360° coverage pattern protects an entire room with one sensor
- Factory-set sensitivity for safer installation
- Test sensor operation with a hand clap
- Includes mounting bracket
- Recognizes actual pattern of breaking glass across the full audio band

# ShatterPro™ Glassbreak Sensors

5845 series wireless-ready  
acoustic glassbreak sensors



## Specifications

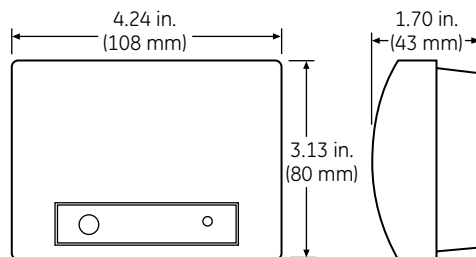
Voltage	3V sensor: 2.8 to 4.5 VDC 9V sensor: 6 to 16 VDC
Current	3V sensor: 17 $\mu$ A typ. 9V sensor: 23 $\mu$ A typ.; 5 mA with LED on
Relay output	3V sensor: Normally closed and normally open 9V sensor: Normally low with NPN transistor and 10 mOhms pull up resistor; normally high with PNP transistor to power 16 VDC max.
Resistance, normal (closed)	700 ohms max.
Resistance, alarm (open)	10 mOhms min.
Alarm duration	4 sec.
Transmitter options	Models: NX-488; 60-873-95 Battery: Duracell DL 123A 3 V lithium, 5 years typ. Transmitter frequency: 319.5 MHz Transmitter conditions: Alarm, tamper, low battery supervisory
Glass thickness	Up to 1/4 in. (6.4 mm) for plate, tempered, laminated and wired glass
Min. distance from glass	4 ft. (1.2 m)
Range	20 ft. (6 m) x 360°
Microphone	Omni-directional 360° electret
Sensitivity	Factory set
Operating temperature	14 to 120°F (-10 to 50°C)
RFI immunity:	20 V/meter from 1 to 1000 MHz
Dimensions (HxWxD)	Sensor: 3.13 x 4.24 x 1.70 in. (80 x 108 x 43 mm) Bracket: 2.10 x 2.94 x 1.12 in. (53 x 75 x 28 mm)
Housing	Flame-retardant ABS plastic
Color	White
Mounting location	Ceiling or any wall adjacent or opposite glass

## Ordering Information

584503-W	ShatterPro™, wireless, 3 V, with mounting bracket, transmitter not included
584509-W	ShatterPro, wireless, 9 V, with mounting bracket, transmitter not included
NX-488	ShatterPro, wireless, 319.5 MHz, crystal transmitter, compatible with all NetworX panels, 5-year battery included
60-873-95	ShatterPro, wireless, 319.5 MHz, crystal transmitter, compatible with all 319.5 MHz Learn Mode™ panels, 5-year battery included
5709C-W	ShatterPro handheld glassbreak tester

## Dimensional Diagram

Sensor module with back box



Sensor module with mounting bracket

