



5820A Recessed ShatterPro II with trim ring (included).



Single Gang Box Model 5825

- **Recess mounts in a 1-inch diameter hole in ceiling or wall**
- **25' radius range protects an entire room with one sensor**
- **End-user can test sensor operation with a clap of the hands**
- **New protective sleeve makes removal easy**
- **Single Gang Box Kit for Prewire and Flush Mounting**

5820A SERIES ACOUSTIC GLASSBREAK SENSOR

Recessed ShatterPro™ II and Accessories

Model numbers:
5820A-W, 5822A-W, 5825-W



The 5820A Series Recessed ShatterPro™ II is designed for use when sensor appearance is a consideration. The 5820A recessed model can be mounted directly into the wall or ceiling or can be used with the single gang box accessory. A trim ring is included.

Using Sentrol's patented Pattern Recognition Technology™, the sensor listens for the actual pattern of breaking glass while eliminating most false alarm patterns. Recessed ShatterPro™ II sensors listen across the glass break frequency spectrum to differentiate the sound of breaking glass from most normal room sounds.

A new test feature makes installation faster by eliminating the test mode jumper. The Recessed ShatterPro™ II is tested by activating the Sentrol hand-held glassbreak tester at close range. Opening the sensor is unnecessary.

A simple hand-clap feature lets end-users confirm at any time that the Recessed ShatterPro™ II is operational. The sensor will blink twice but will not trip when a loud hand clap is made close to the unit.

The 5820A Recessed ShatterPro™ II detects in a full 360° coverage pattern, with a 25' (7.5 m) radius range from sensor to glass. The Recessed ShatterPro™ II is suitable for use in quiet occupied areas on the perimeter loop.

continued

Sentrol 5820A Series Recessed ShatterPro™ II

Specifications:

Electrical

Operational voltage 9 to 16 V DC
 Current draw 12 mA typical; 25 mA max.
 Relay output Normally closed, open 4 seconds on alarm
 On resistance 5 to 15 Ohms
 Off resistance 20 MOhms
 Maximum loop rating
 (relay or tamper loop) 16 V DC, 50mA
 Fails safe and opens on power loss

Environmental

Lightning suppression 400 watts for 1 msec pulse
 Operating temperature 0°F to 120°F (-18°C to +50°C)
 RFI immunity 20 V/meter from 1 to 1000MHz

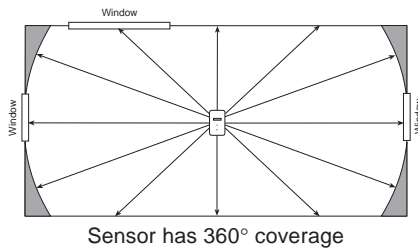
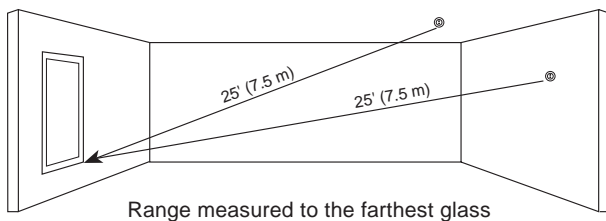
Features

Housing material Flame retardant ABS plastic
 Microphone Omni-directional 360° electret
 Sensitivity setting Factory set
 Range 25' (7.5 m) measured to the farthest point of glass
 25' (7.5 m) on the opposite wall
 20' (6.0 m) measured to the wall

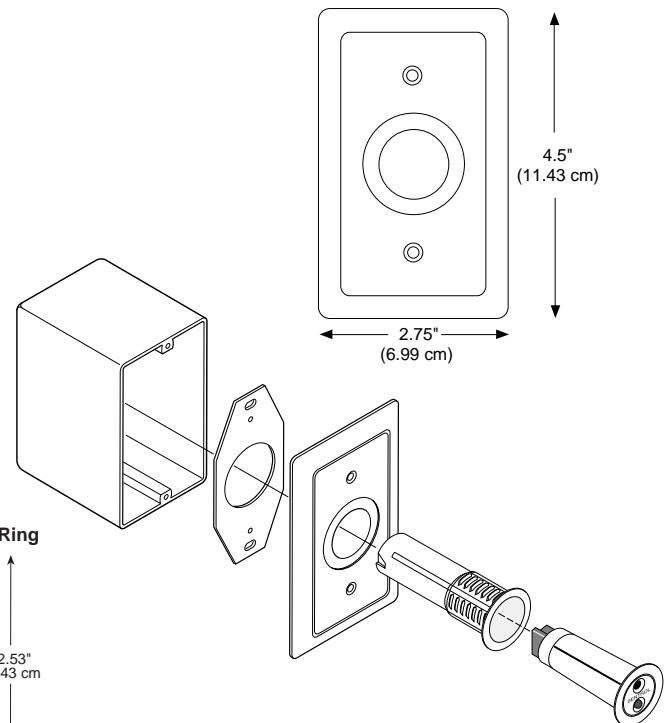
Glass types detected

Plate glass Up to ¼" (6.4 mm)
 Tempered glass Up to ¼" (6.4 mm)
 Wired glass Up to ¼" (6.4 mm)
 Laminated glass Up to ¼" (6.4 mm)
 Mounting location Ceiling or any wall
 Minimum distance from glass 3.3' (1 m)
 Dimensions 2.50" (6.4 cm) D x 1.35" (3.4 cm) W
 Color White

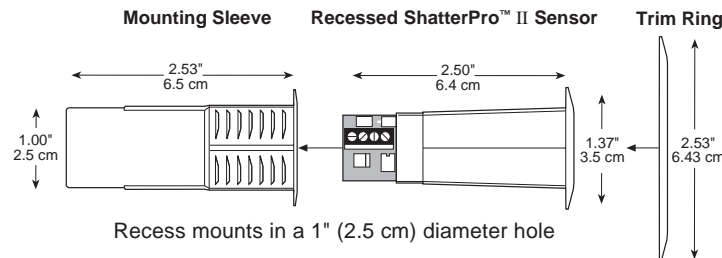
Mounting Location Range



Dimensions – 5829A



Dimensions – 5820A



Ordering Information

Description	Model Number	Color	Listing
Recessed ShatterPro II, latch or non-latch LED	5820A-W	White	
Recessed ShatterPro II, tamper, latch or non-latch LED	5822A-W	White	UL
Hand-held Tester	5709C-W	White	
Single Gang Box Kit with ShatterPro II	5825A-W	White	
Accessory only - Single Gang Box Kit	5829A-W	White	

Protected by U.S. Patent 5,192,931 and 5,510,767.



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