

Data Sheet:

Arial® Wireless Glassbreak Sensor

Overview

The Wireless Glassbreak Sensor recognizes glass breaking across the full audio band. The patented Pattern Recognition Technology provides a high immunity to false alarms while covering several windows at once. The Arial wireless mesh network uses diversity reception and advanced signal processing to reduce dead spots in transmission areas.

The Glassbreak Sensor can be installed in a resident's room to detect the following:

- A drinking glass being dropped on the floor
- A mirror breaking
- A window breaking from from someone attempting to exit or enter the room

Key Functions

Acoustic Detection of Glass Breaking

ShatterPro II Pattern Recognition Technology provides extended range of coverage up to 6 m (20 ft), 360° radius. One sensor provides coverage for multiple windows, reducing cost.

Supervision

The battery activity and radio link are supervised. Monitoring helps ensure reliable operation.



Product Highlights

- Automatic supervision of radio link
- 6 m (20 ft) range from sensor to window
- Recognizes unique pattern of glass breaking across the full audio band
- Exclusive wireless protocol ensures maximum performance and reliability
- Low-profile design

Technical Specifications

Model	Glassbreak Sensor
Part Number	55368
Electrical	
Power	3.0 V
Battery Replacement	Duracell DL123A, Panasonic CR123A, or approved equivalent. Not all brands are equivalent. Use the brands specified.
Battery Life (avg)	3 years. Typical battery life shown is for supervised operation using recommended check-in times.
Environmental	
Relative Humidity	Up to 90%, non-condensing
Temperature (operating)	-20°C to +60°C (-4°F to +140°F)
Mechanical	
Dimensions	10.8 cm x 8 cm x 4.3 cm (4.2 in x 3.1 in x 1.7 in)
Weight	137.28 g (4.84 oz)
Transmission Characteristics	
Frequency	902 MHz to 928 MHz