

SA-19

Wireless Glass Break Sensor



Rosslare's SA-19 is a powerful high-performance indoor wireless glass break sensor, ideal for residential, commercial and institutional applications wherever needed, not just where it is convenient to run wires. Encased in a compact elegantly designed shell, this state-of-the-art sound sensor provides the most reliable and cost effective solution to the detection of window and glass breakage in an immediate vicinity.

With the SA-19, intrusion detection is completely wire free. This battery-powered unit packs advanced features such as a field-proven pattern recognition technology, false alarm immunity, cover tamper detection and ultra low power consumption.

GENERAL DESCRIPTION

The SA-19 Wireless Glass Break Sensor is an indispensable component in any security system. The heart of the SA-19 is an advanced detector based on ShatterPro™ acoustics with Pattern Recognition Technology™ and an omni-directional 360° electret microphone. Among its features are: Power Save Mode (PSM) for low battery consumption, ultra bright LED, cover tamper detection, and low battery alert. Using a special algorithm for monitoring, the SA-19 provides superior audio analysis and false alarm prevention by detecting both the shock wave at low and high frequencies unique to glass breaking frequencies. It accurately detects plate, float, laminated, wired, and tempered glass types, while rejecting common false alarm sounds. Crafted from rugged flame resistant ABS material, this sensor is ready to install and enroll onto one of Rosslare's wireless security and automation panels, or universal receivers at the press of the test button.

MAIN FEATURES

- Omni-directional 360° degree electrical microphone

- Advanced Sentrol Inc. ShatterPro™ acoustics with Pattern Recognition Technology™ for superior sound spectrum analysis
- Fully supervised: RF signal sent to control unit every 20 minutes
- Low battery reporting signal
- Local piezoelectric siren and beeper
- Compact and inconspicuous elegant design
- Completely wire free for easy installation
- 3 V, 1300 mAh Lithium battery powered for up to 4.5 years battery life (80 transmissions per day)
- Ultra-low power consumption

PROFESSIONAL GRADE FEATURES

- Up to 6 m (19.68 ft) detection range
- Ultra bright LED indication for tamper, low battery, and event activation status
- Available in 433.92 MHz and 868.35 MHz

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

■ Battery Type	CR123A; 3 VDC, 1300 mAh Lithium battery
■ Battery Life Expectancy (with LED on)	@ 10 transmissions per day: over 10 years @ 80 transmissions per day: over 4.5 years
■ Low Battery Indicator	Low battery warning chirp alerts user to change battery
■ Input Current	Standby: 23 μ A Transmit: 23 mA

OPERATING SPECIFICATIONS

■ Microphone	Omni-directional electret
■ Sensor	6 m (19.68 ft) detection range
■ Alarm Duration	Four seconds
■ Alarm Transmission	500 ms
■ Alert Signal	Red LED

RF TRANSMISSION SPECIFICATIONS

■ Frequency	H model: 868.35 MHz, G model: 433.92 MHz
■ Range	150 meters (450 ft.) open field
■ RFI Protection	>20 V/m up to 1000 MHz

ENVIRONMENTAL SPECIFICATIONS

■ Operating Environment	Indoor use
■ Operating Temperature	0°C to 50°C (32°F to 122°F)
■ Operating Humidity	0% to 95% (non-condensing)

PHYSICAL SPECIFICATIONS

■ Dimensions (H x W x D)	79.5 x 108 x 43.2 mm (3.13 x 4.25 x 1.70 in.)
■ Weight	150 g (5.29 oz)

SYSTEM COMPATIBILITY

The SA-19 Wireless Glass Breaking Sensor is compatible with Rosslare's wireless control panels and accessories, including: SP-03V2, HomeLogiX™, safety sensors, sirens, and remote controls.

PRODUCT WARRANTY

2-Year Limited Product Warranty

ABOUT ROSSLARE SECURITY

Rosslare Security Products, a division of Rosslare Enterprises Ltd., has been manufacturing high-quality security products since 1980. The company's three main lines – Access Control, Intrusion Detection and Guard Patrol – together with a growing product range have transformed Rosslare Security into a major worldwide force in security. Rosslare holds itself to the highest standards of customer service and manufacturing (ISO 9001:2008, ISO 14001:2004, ISO 13485:2003). The company complies with the EU Directive 2002/95/EC on Restriction of Hazardous Substances (RoHS).

www.rosslaresecurity.com

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