

RF903I4

Acoustic glassbreak Detector
RF433 MHz



OVERVIEW

The International ShatterPro omnidirectional glassbreak sensor (RF903I4) provides 360 degree coverage. It can be mounted on the ceiling, the opposite wall, or on adjoining walls. It has a range of up to 6 m for glass panes 0.5 m x 0.6 m or larger.

OPERATION

The maximum detection range is 6 m for plate, tempered, laminated, and wired glass. For armor-coated glass, the maximum detection range is 3.65 m. Coverage is measured from the sensor to the point on the glass farthest from the sensor.

FEATURES

- Provides 360-degree coverage
- Can be mounted on a ceiling, opposite wall or adjacent walls
- Range of up to 6 metres

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TECHNICAL SPECIFICATIONS

General	
Technology	Acoustic
Range	Max. 6 m radius for glass panes of at least 0.5 x 0.6 m
Tamper switch	Yes
Glass types and thickness	Plate : 2.4 to 6.4 mm / Tempered : 3.2 to 6.4 mm/ Laminated : 3.2 to 6.4 mm
Wired / Wireless	
Wired-wireless	Wireless
Wireless frequency	433 MHz legacy
Open-air range	150 m
Electrical	
Operating voltage	2.6 to 4.5 VDC
Current consumption	26 µA typical average
Batteries	2 x 3.0 V Lithium DL123A
Battery	Lifetime 5 years
Maximum power	Output 10 dBm e.r.p.
Transmitter conditions	Alarm, tamper and low battery supervisory
Physical	
Physical dimensions	108 x 79 x 31 mm
Colour	White
Mounting type	Surface mount
Environmental	
Operating temperature	0° to 50°C
Storage temperature	-34° to +60°C
Relative humidity	90%
Regulatory	
Compliance	CE, RCM