Acoustic Glass-Break Detectors

ViTRON

Alarm the intruder while still outside

ViTRON glass-break detectors add important perimeter protection for shop windows and residences. The main advantage is monitoring of glass-breakage, alarming and scaring away burglars while they are still outside.

ViTRON microprocessor uses unique pattern recognition analysis of the characteristic frequencies and sequences of framed pane glass breakage, providing superior detection combined with excellent false alarm immunity. These adjustment-free and easy-to-install units detect breaking of all standard framed glass types and thickness, while ignoring non-framed glass breakage and other possible sources of false alarms.

ViTRON is Adjustment Free – eliminating the "human factor" and simplifying the installation. This is enabled due to Rokonet's highly reliable pattern recognition algorithms, and because each detector's sensitivity is automatically calibrated during production.

Installation flexibility of ViTRON is high; flush mounted, surface mounted, corner mounted or swivel mounted, on any wall or ceiling. The optional swivel bracket enables optimal mounting and performance in any environment.

The **ViTRON** has been subjected to exhaustive testing of glass panes broken under real world conditions, **ensuring certain detection when the protected glass is actually broken**.

The added benefit of ViTRON lies in its easy testing capabilities. The **ViTRON** Tester enables full remote test including alarm relay activation, without opening the unit. Also automatic "dead microphone" supervision test is continuously performed, by monitoring for environmental sounds.
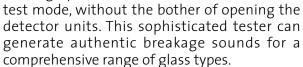
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? Did you know?

● Hundreds of thousands of ViTRON detectors are reliably installed in over 30 countries protecting windows around the world.

● The ViTRON surpassed all its competitors in a recent comparison test conducted by a large multinational installation company, involving breaking of glass panes.

ViTRON™ Tester
Unique Glass Break Simulator

The easy-to-operate ViTRON Tester simulates glass-break sounds to verify proper installation of the ViTRON. A unique audible coded message puts the ViTRON into test mode, without the bother of opening the detector units. This sophisticated tester can generate authentic breakage sounds for a comprehensive range of glass types.

ViTRON Tester Features

● Advanced glass-breaking pattern generator
● Full remote test mode eliminates the need to open the detector for testing
● Auto/Manual operation modes
● Active-battery LED indication

ViTRON Features

● Microprocessor-based Acoustic Pattern Recognition
● Adjustment Free for reliable and easy installation
● 9m (30ft) range
● Protects all framed glass types: plate, tempered, laminated, and wired
● Flush mount (single gang box), surface mount, corner mount or optional swivel mount
● Omni-directional microphone
● Full remote test without opening unit
● Memory (latch) indication
● Dead microphone supervision

Specifications	ViTRON	ViTRON Plus
Glass types:	Plate, tempered, laminated and wired	Plate, tempered, laminated and wired
Glass thickness:	3, 4.8 & 6 mm (1/8, 3/16 & 1/4 in)	3, 4.8 & 6 mm (1/8, 3/16 & 1/4 in)
Operating voltage: 9 to 16VDC	✔	✔
Current consumption: 20mA at 12VDC	✔	✔
Alarm contacts: NC, 50mA, 24VDC	✔	✔
Tamper contacts: NC, 0.5A, 24VDC	✔	✔
Acoustic sensor: Omnidirectional Microphone	✔	✔
Operating temperature: 0˚c to 55˚c (32˚F to 131˚F)	✔	✔
Storage temperature: -20˚c to 60˚c (-4˚F to 140˚F)	✔	✔
Dimensions:	87 x 51 x 29mm (3.4 x 2 x 1.1in)	71 x 50 x 25mm (2.8 x 1.94 x 0.97in) With flush mount plate 115 x 76 x 30.8mm (4.52 x 3 x 1.2in)

UL Applies for RG61 & RG71FM

CE

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Part Numbers	Description
RG61	ViTRON 9m
RG71FM	ViTRON Plus 9m with Flush Mount plate
RG65	ViTRON Tester
RA66	ViTRON Swivel Bracket

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