

PATROL[®] 501

DIGITAL ACOUSTIC GLASS BREAK DETECTOR



Developed to protect windows and glass doors within protected area.

Unique algorithm, based on two-channel recognition analysis of the characteristic frequencies and signal sequence of framed pane glass breakage:

- ★ PATROL-501 recognizes particular sound patterns emitted by glass breakage.
- ★ PATROL-501 provides complete protection of different types of glass.
- ★ PATROL-501 uses unique algorithm, based on two-channel recognition analysis of the characteristic frequencies and signal sequence.
- ★ PATROL-501 provides excellent protection from false alarms in extremely harsh environments.
- ★ PATROL-501 the best solution for glass protection in security area.

TECHNICAL SPECIFICATIONS

Power input	9 - 16VDC
Current consumption:	
In stand-by mode	17.8mA
In alarm mode	18.7mA
Alarm period	3sec
Warm up period	2sec
Detection range	12m x 170°
Relay output	N.C; 60V; 100mA; 16Ω
Tamper	N.C. 10Ω
Microphone type	omnidirectional electret microphone
Operating temperature range	- 30°C +50°C
Storage temperature range	- 50°C +80°C
RFI immunity	30 V/m at a frequency range 10MHz-1000MHz
EMI immunity	50 000V
Dimensions	87 x 52 x 24mm
Weight	58gr

FEATURES

- HIGHLY SELECTIVE SENSITIVITY
- DUAL-CHANNEL DETECTION OF THE BREAK (IMPACT) / SOUND SIGNALS SEQUENCE
- DIGITAL MATHEMATICAL ALGORITHM OF SIGNAL PROCESSING
- EXTRAORDINARY IMMUNITY TO FALSE ALARMS
- STABLE OPERATION IN HARSH ENVIRONMENTS
- IDEAL PROTECTION FROM RFI AND EMI INTERFERENCES
- AUTOMATIC MICROPHONE OVERLOAD PROTECTION
- LAST EVENT MEMORY TIME: 30MIN
- DIFFERENT TYPES OF GLASS
- ELEGANT DESIGN THAT SUITS ANY INTERIOR

