

PATROL USR



COMBINED ACOUSTIC & ULTRASONIC GLASS BREAK DETECTOR

DETECTS BREAKAGE OF
VARIOUS TYPES
OF MULTILAYER GLASS

PATROL USR recognizes breakage of all known multilayered glass types that hold together when shattered

PATROL USR with anti-mask technology, detects any of the ultrasonic sensors' masking attempts

PATROL USR provides reliable protection of multilayer glass, sealed glazed windows and glass blocks within protected area



GSN
Electronic Company Ltd.

SECURITY PRODUCTS

www.gsncompany.com

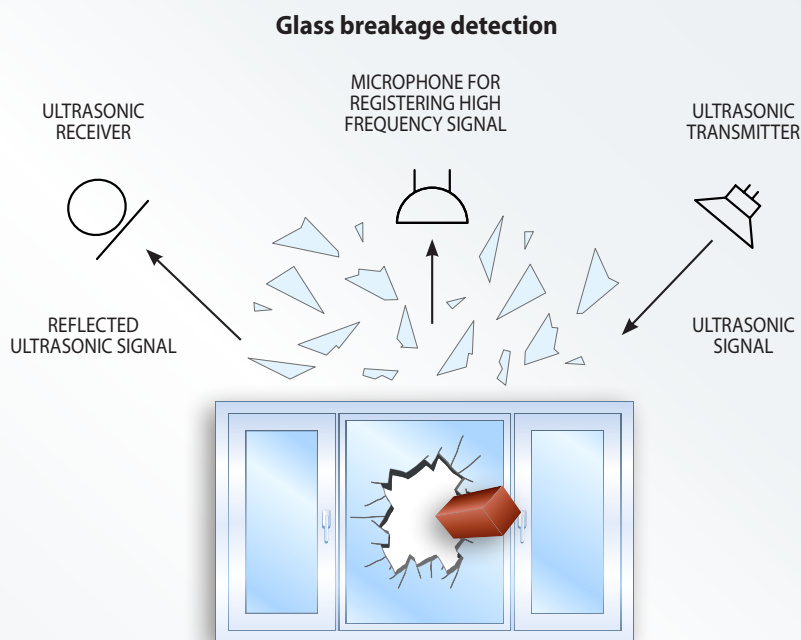
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Combined acoustic and ultrasonic detector recognizes the sound caused by breakage of any type of protected glass: plate, wired, tempered, laminated, patterned, multilayered¹, sealed glazed windows¹ and glass blocks¹; all with a thickness of 2.5 mm to 16 mm.

¹The detector registers breakage of multilayered glass that holds together when shattered, as well as sealed glazed windows and glass blocks if all glass layers are broken.

ALGORITHM

Dual-technology detector incorporates two physical means for determining glass breakage: registering the high-frequency acoustic signal and registering the change in frequency of ultrasonic signal (Doppler Effect).



FEATURES

- COMPLETE PROTECTION OF ALL KNOWN GLASS TYPES INCLUDING INSULATED GLAZING AND GLASS BLOCKS
- INNOVATIVE METHOD FOR DETECTING ACOUSTIC SIGNALS
- DIGITAL SPECTRAL ANALYSIS OF SOUND AND ULTRASONIC FREQUENCIES
- HIGHLY SELECTIVE SENSITIVITY OF HIGH-FREQUENCY SOUND CHANNEL
- TWO OPERATING MODES
- SEPARATE ADJUSTMENT FOR BOTH ULTRASONIC AND HIGH-FREQUENCY SOUND CHANNEL SENSITIVITY
- BUILT-IN ANTI-MASK SYSTEM
- HIGH RFI/EMI PROTECTION
- AUTOMATIC GAIN CONTROL - ADAPTATION TO ENVIRONMENTAL CHANGES

PATROL USR – UNIQUE, GROUNDBREAKING SECURITY SOLUTION GUARANTEES PREMIUM PROTECTION OF ALL KNOWN GLASS TYPES WITHIN PROTECTED AREA