

PATROL USM



COMBINED ULTRASONIC & MICROWAVE INTRUSION DETECTOR

DETECTS BREAKAGE,
INTRUSION AND MOTION
WITHIN PROTECTED AREA



PATROL USM determines destruction of walls, doors, all types of glass, as well as intrusion into protected area

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

PATROL USM provides unprecedented protection of objects, where the use of PIR detectors is not reliable

GSN
Electronic Company Ltd.

SECURITY PRODUCTS
www.gsncompany.com

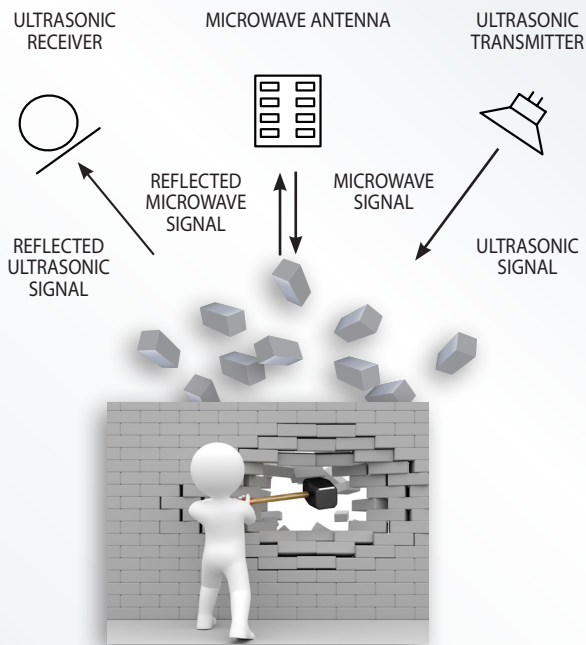
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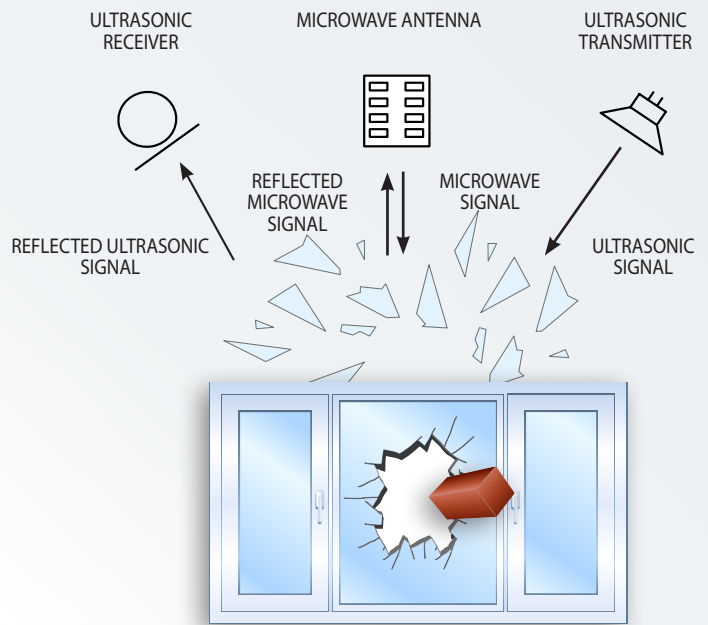
ALGORITHM

Dual-technology detector incorporates two physical means for determining destruction of walls, doors, all types of glass and intrusion into the protected area: registering the change in frequency of ultrasonic and microwave signals (Doppler Effect).

Wall breakage detection



Glass breakage detection



FEATURES

- UNPRECEDENTED PREMISES PROTECTION
- STABLE OPERATION IN A WIDE-RANGING TEMPERATURE ENVIRONMENT
- INNOVATIVE METHOD FOR DETECTING ULTRASONIC AND MW SIGNALS
- DIGITAL SPECTRAL ANALYSIS OF ULTRASONIC AND MW FREQUENCIES
- PULSE-COUNT SELECTION (1-5)
- SEPARATE ADJUSTMENT FOR BOTH ULTRASONIC AND MW CHANNEL SENSITIVITY
- BUILT-IN ANTI-MASK SYSTEM
- HIGH RFI/EMI PROTECTION
- TAMPER PROTECTION
- AUTOMATIC GAIN CONTROL – ADAPTATION TO ENVIRONMENTAL CHANGES

Human motion detection



PATROL USM - UNIQUE, GROUNDBREAKING SECURITY TECHNOLOGY DELIVERS EXPERT PROTECTION FOR A WIDE RANGE OF COMMERCIAL AND INDUSTRIAL INSTALLATIONS