



From Tyco Security Products

# GB-502 Glass Break Detector



## Features That Make a Difference:

- Cutting-edge glass-break detection technology delivers near-zero false alarm rate
- Acoustic pattern recognition technology provides 360° coverage
- Maximum detection range for plate, tempered, laminated, wired, coated, and sealed insulating glass: 7.6m / 25ft
- PowerG two-way Frequency Hopping Spread Spectrum FHSS-TDMA technology provides market-leading wireless robustness and reliability
- Large transmission range enables repeater-free installations
- Battery life up to 5 years with typical use
- Visible link quality indication shown on the device reduces the installation time
- Compatible with PowerMaster systems and PowerG receivers

## Add Another Layer of Perimeter Protection

With this exceptionally smart detector, you get immediate notification of a broken window or glass door. Its unique detection capabilities deliver unprecedented dependability, identifying sounds that other detectors might miss – without the hassle of false alarms.

This added layer of advanced security for the exterior of your home or business lets you take quick action to protect your property, prevent damage to contents, and avoid unnecessary costs.

## Enhance Security

Keep your home or business even more secure by adding dependable detection of smashed windows and glass doors.

- Proprietary microphone technology constantly listens to sounds and analyzes patterns
- Smart data analysis captures only real broken window/glass door events
- Complex classification process, utilizing high-power processing, minimizes false alarms

## Prevent Damage

Reduce damage to your home or business contents by responding rapidly to real-time alerts.

- Quick action can minimize loss due to wind, rain, heat, or snow
- Immediate siren activation upon glass break can deter burglars, preventing a full break-in

## Save Energy and Costs

Be informed immediately of any glass break event that might leave your home or business contents exposed.

- Fast response can reduce unnecessary energy use
- A single detector can protect rooms of up to 10 x 12 sqm / 32.7 x 39.4 sqft
- Low-power operation extends battery up life to 5 years

## Increase Comfort

Rest assured that real glass break events will be reliably identified, without the hassle of false alarms.

- No more worries about undetected window break-ins
- You can quickly check on property damage

## Specifications

Frequency band (MHz) .....	Europe and rest of world: 433-434, 868-869 USA: 912-919
Compatibility.....	PowerG panels
Tamper alert .....	Reported when a tamper event occurs
Maximum detection range .....	7.6 m / 25 ft
Room size .....	Not larger than 12 x 12 m / 36 x 36 ft; not smaller than 3 x 3 m / 10 X 10 ft
Glass type .....	Plate, tempered, wired, laminated, covered, and sealed insulated
Device testing.....	Using the AFT-100 or 5709C glass break simulator
Battery type.....	3 V Lithium CR-123 type battery, Panasonic, Sanyo, or GP only
Battery life expectancy.....	5 years (for typical use)
RF immunity .....	20 V/m up to 1000 MHz, 10 V/m up to 2700 MHz
Operating temperature .....	-10°C to 50°C (14°F to 120°F) indoors
Storage temperature.....	-20°C to 60°C / -4°F to 140°F
Humidity .....	5% to 95% with no condensation
Dimensions.....	88 x 62 x 30 mm / 3.5 x 2.4 x 1.2 in
Weight (not including battery).....	74 g / 2.6 oz
Housing Material and Color ..	flame-retardant PC-ABS, white
Mounting .....	Wall/ceiling using BR-1, BR-2, or BR-3 bracket
Device setup .....	No adjustment is necessary during installation

Model	Description	Part Number
GB-502 PG2 (433-0:016)	PowerG, Glassbreak Detector, 433-0:016,EN	0-103327
GB-502 PG2 (868-0:016)	PowerG, Glassbreak Detector, 915-0:016,EN	0-103328
GB-502 PG2 (915-0:016)	PowerG, Glassbreak Detector, 915-0:016,EN	0-103329
GB-502 PG2 (868-1:016) UK	PowerG, Glassbreak Detector, 868-1:016,EN UK (special version)	0-103331

[www.visonic.com](http://www.visonic.com)

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