



From Tyco Security Products

# GB-502 PG2 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:<br>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 / 40X40 ft;<br>not smaller than 3 x 3 m / 10 X 10 ft |
| Glass type                     | ..... Plate, tempered, wired, laminated, covered,<br>and sealed insulated            |
| Glass Break Simulator          | ..... Inbuild test mode,<br>AFT-100 or 5709C   |
| Battery type                   | ..... 3 V Lithium CR-123 type battery,<br>Panasonic or GP only                       |
| Battery life expectancy        | ..... 5 years (for typical use)  |
| RF immunity                    | ..... 20 V/m up to 1000 MHz,<br>10 V/m up to 2700 MHz                                |
| Operating temperature          | ..... -10°C to 50°C<br>(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 mount   |
| Device setup                   | ..... No adjustment is necessary<br>during installation                              |