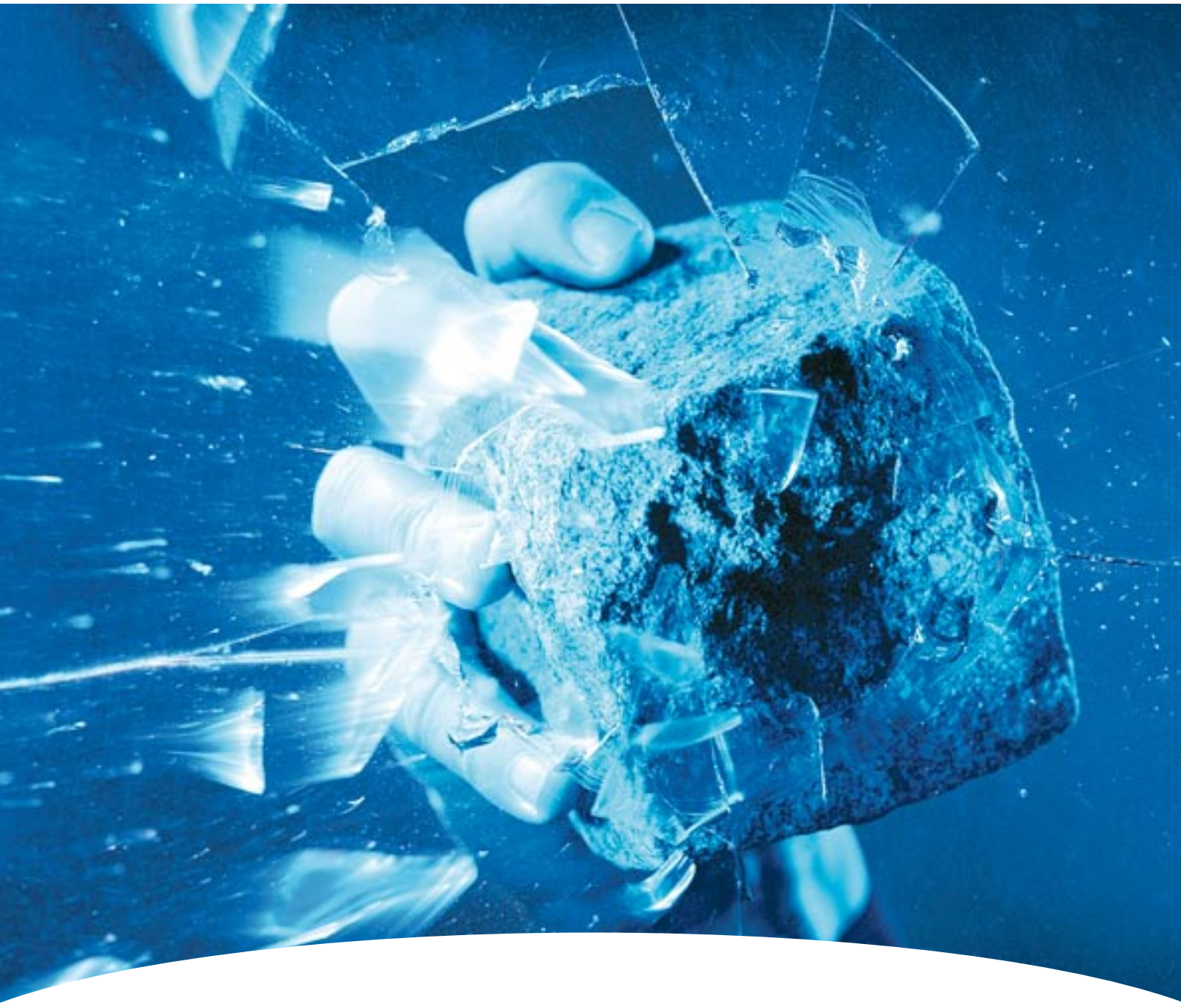
Glassbreak Detectors Overview

Honeywell



First Line of Defence Glassbreak Detectors by IntelliSense

Glassbreak Detector
Overview

Honeywell Security and Custom Electronics First Line of Defence Glassbreak Detectors by IntelliSense

Who is IntelliSense?

- Original IntelliSense company founded in early 1990's as part of C&K Systems
- The companies merged with the Ademco Group in 2000
- The IntelliSense brand now represents this vast collection of talent and experience

What is a Glassbreak Detector?

- It listens to the sound of the breaking glass
- It measures the amplitude of the sound
- It measures the duration of the signal
- It provides the First Line of Defence



What is the First Line of Defence?

- Remember when security systems consisted of relay control panels, one primary loop, a contact on every door and foil on every window?
- The use of foil was a standard practice (even an art); it provided perimeter protection and a visible deterrent
- Fast forward to the 1990's and the proliferation of ZERO down systems that consisted of 2 doors and motion… FULL perimeter protection was not part of the business plan
- Let's not overlook the obvious statement about even the BEST motion detectors – the intruder has to be INSIDE for the system to react!
- Now that we are seeing a return to more traditional installations, the timing could not be more perfect for using FlexGuard glassbreak detectors on every system!
- Install FlexGuard glassbreak detectors on every system and provide detection BEFORE the intruder gets in – the FIRST LINE of DEFENCE!
- Affordable, reliable, attractive style – make it a part of your installer's business plan.

Why use FlexGuard?

- Early glassbreak detectors were not much more than a microphone, prone to many false alarms
- Today's technology is much more sophisticated
- ASIC (Application Specific Integrated Circuit) design provides unmatched false alarm immunity without compromising detection
- Thousands of hours have been spent in our test laboratories to create the ASICs utilized in FlexCore processing
- There are 3 main ingredients of glass break detection: amplitude, frequency and duration. We are superior because of the many hours of research in understanding the relationship of these 3 ingredients while rejecting false alarms
- Fifty thousand pieces of glass were broken and fifty thousand false alarm events were recorded in the design of this ASIC

10 reasons installers benefit from FlexGuard

1

Keep intruders where they belong… OUTSIDE!

Dealers can rely on FlexGuard to be the first line of defence by providing perimeter protection that is easy to install and trouble free. More FlexGuard detectors are installed worldwide than all other brands combined.

2

Creates additional revenue stream

FlexGuard detectors can (and should) be used on every installation. Detectors can be mounted virtually anywhere and feature a modern design that blends with any décor. Distinguish your company by offering a higher level of security.

3

NO FALSE ALARMS. NO NON-DETECTS. NO SERVICE CALLS.

Fifty thousand pieces of glass were broken and fifty thousand false alarm events were digitally recorded in the design of the FlexCore processor. In fact, there are over 2.2 million of our newest FG1625 Series sensors sold and working trouble-free.

4

False alarms are gone FOREVER!

FlexCore Signal Processing processes sound in parallel rather than sequentially for faster, more accurate detection decisions.

5

Easy installation and installer friendly design

Designed with the installer in mind, all units offer wide wiring channels and easy to connect terminal blocks. Installation is easy because can be installed with NO MINIMUM RANGE consideration. All other glassbreak detectors on the market have a minimum range. Installing these units too close to the breaking glass overloads the microphone circuit and cause a NON-DETECT!

6

Patented remote test mode

The FG701 simulator can be used to remotely enter and exit the test mode. This eliminates valuable time during installation and testing.

7

Adjustable sensitivity

Four different sensitivity levels are available to match the acoustics of the room being protected.

8

Same look across technologies

Whether choosing the hardwired, wireless or V-Plex version, all FlexGuard glassbreaks share the same sleek, sophisticated design.

9

7.6m Range with NO MINIMUM RANGE

Units can be mounted virtually anywhere; on the opposite or adjoining wall, the window frame or on the ceiling with a maximum range of 7.6m from the glass and NO MINIMUM RANGE! All other glassbreak detectors on the market have a minimum range. Installing these units too close to the breaking glass overloads the microphone circuit and cause a NON-DETECT!

10

UL/ULC listed for all glass types

Thousands of pieces of glass are broken every year to verify the performance on ALL types of glass. The best keep getting better, future detector development is already under way!

Competitive edge
Glassbreak Detector

Feature Information:



No minimum range
The detector can be mounted next to glass. All other brand detectors require a minimum range (1-1.5m) from the glass to avoid overloading the processor and cause a non-detect.

Covers all glass types
Only FG1625 series detectors are UL/ULC listed for Coated and Double Pane Sealed Insulated glass.

Four sensitivity settings
Allow the detector to match the acoustics of the room being protected, further reducing false alarms.

Hardwired, wireless and V-Plex
Only FG1625 series detectors provide a solution for any control panel used.

Same family look
Whether choosing hardwired, wireless or V-Plex, all FlexGuard glassbreak share the same family look.

Calibrated remote test mode activation
The FG701 simulator can be used to enter and exit test mode, as well as verify true operating range.

45º screw terminals
Make wiring FlexGuard glassbreak detectors a snap every time.

FlexGuard Glassbreak Detectors



FG1625TAS

FlexGuard® Glassbreak Detector
Selectable sensitivity

- Surface mount design
- No minimum range
- 7.6m maximum range
- Available with Form “C” relay (FG1625T)
- Hard wired
- Sabotage resistant



FG1615

FlexGuard® Glassbreak Detector

- Surface mount design
- No minimum range
- 4.6m maximum range
- No adjustments required
- Hard wired



FG1608

FlexGuard® Glassbreak Detector and Magnetic Contact

- Surface mount design with built-in contact
- No minimum range
- 2.4m maximum range
- Hard wired



FG1025Z

FlexGuard® Glassbreak Detector

- Round surface mount design
- No minimum range
- 7.6m maximum range
- Available with Form “C” relay (FG1625RT)
- Hard wired



FG701

Glassbreak Simulator / Tester

- Remote test activation
- Compatible for testing all IntelliSense and ADEMCO glassbreak detectors
- Insures optimum installation

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