

GlassTech™ Revolutionary digital glass-break detectors

GlassTech is the first digital glass-break detector that can reliably distinguish between true alarms (the breaking of framed glass in an outer wall) and false alarms (shattered glass, bottles, plates, etc). This means that users can enjoy full-time protection, during all their day-to-day activities without causing false alarms. Periodic automatic self-test diagnostic routines that evaluate local acoustical conditions ensure reliable trouble-free operation. In addition, GlassTech AM offers outstanding patented anti-masking capabilities, issuing relayed, visual and audible trouble alarms in case of any impediment to the microphone or circuitry.

Benefits

- Complete adaptability to changing environmental conditions
- Diagnostic self-test for optimal reliability
- Effective sabotage protection can detect if the detector has been blocked or tampered with, or is otherwise malfunctioning – GlassTech AM
- Detection range: up to 10m (30ft) radius at 170°

Features

- Surface or flush mounting on walls and ceilings (GTFK flush mount kit)
- Microprocessor controlled digital signal processing (DSP) based on 18 different sound signatures
- 3-stage statistical analysis and Fuzzy Logic decision-making to identify true or false alarms
- User-selectable alarm memory
- Suitable for room size: 3 x 3m (10 x 10ft) to 15 x 15m (45 x 45ft)



Applications:

Residential, commercial or industrial

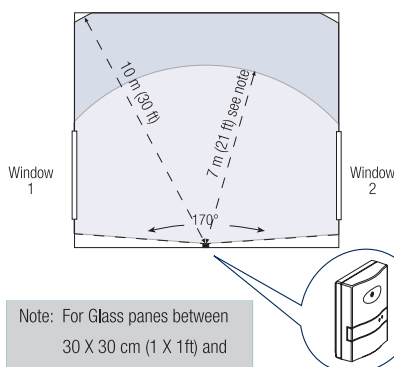
Patented Technologies

- Breakthrough CAIR™ technology (Computerized Acoustic Image Recognition), applies 18 different sound criteria to precisely distinguish between real and false alarms.
- Protected under US patents ; 5,515,029 ; 5,608,377 and other international patents and patent applications.

Model	Type	Catalog Number
GlassTech™	Digital glass-break detector	0-1901-1
GlassTech™ AM*	Digital glass-break detector with Anti-Masking	0-1903-0
GTFK	Flush mount installation kit	0-1790-0

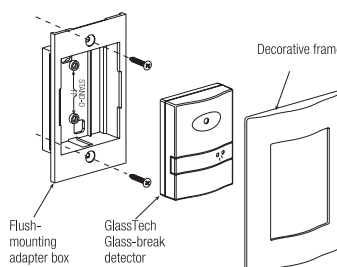
*This model is not available in North America

Coverage pattern



Note: For Glass panes between 30 X 30 cm (1 X 1ft) and 30 X 60 cm (1 X 2ft), the range is limited to 7m (21ft)

GTFK Kit



Operating Voltage:	9 to 16 VDC
Standby Current Drain:	20mA at 12VDC
Alarm Output:	up to 100mA, ~18Ω ON resistance
RFI Protection:	Greater than 30V/m (up to 1000 MHz)
Suitable for Room Size:	3 x 3m (10 x 10ft) to 15 x 15m (45 x 45ft)

Glass types Detected:	
Plate glass	2.4 up to 6.4mm (3/32 to 1/4")
Tempered glass	3.2 up to 6.4mm (1/8 to 1/4")
Wired glass	3.2 up to 6.4mm (1/8 to 1/4")
Laminated glass	3.2 up to 6.4mm (1/8 to 1/4")
Glass Size:	0.3 x 0.3m (1 x 1ft) to 3 x 3m (10 x 10ft)
Operating Temperature:	-10°C to 50°C (14°F to 122°F)
Dimensions (H-W-D):	68 x 51 x 23mm (2 11/16 x 2 x 7/8")
Mounting:	Min. distance from protected glass 1.2m (4ft.)
Mounting Accessories:	BR-1, BR-3 GTFK flush mount kit

For more information visit us at: www.visonic.com

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VISIONIC LTD. 2005 HWDTECTORS C-800041 (Rev 00)

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