

# FG-1625T

Adjustable Glassbreak Detector



Suitable for use with:  
Security Grade 2; Environmental Class II, Type B

## FEATURES

- FlexCore™ Signal Processor
- Easy Installation and Setup
- Selectable Sensitivity
- Mount the Detector Anywhere
- Covers All Glass Types

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## SPECIFICATIONS

<b>Dimensions:</b>	98mm x 62mm x 21.8mm (h x w x d)
<b>Weight:</b>	90g
<b>Range:</b>	7.6m maximum, omnidirectional. Range is adjustable, no minimum range
<b>Alarm Relay:</b>	Form C, 125mA max, 25 VDC max
<b>Tamper Switch:</b>	Combination cover and wall tamper, 25 mA max, 24 VDC max
<b>Alarm Duration:</b>	5 Seconds (unaffected by alarm LED latching)
<b>ESD Immunity:</b>	10 kV; discharges of either polarity to exposed surfaces
<b>Power Requirements:</b>	6 ~ 18 VDC, 12 mA typical @ 12 VDC 22 mA max (Latched LED), AC ripple: 4 Volts peak-to-peak at nominal 12VDC
<b>RF Immunity:</b>	30 V/m, 10 MHz - 1000 MHz Suitable for use with EN50131-1
<b>Operating Temperature:</b>	-10°C ~ 50°C
<b>Approvals:</b>	FCC and IC verified, CE, C-Tick, UL listed, ULC listed, PD6662 Security Grade 2 Environmental Grade II

### Glass Type Thickness

Minimum size for all glass types is 28cm x 28cm, square. Glass must be framed in the wall or mounted in a barrier of 0.9m wide.

Type	Min. Thickness	Max. Thickness
Plate <sup>3a</sup>	2.4mm	10mm
Tempered	3mm	10mm
Laminated <sup>1</sup>	3mm	14mm
Wired	6mm	6mm
Coated <sup>2,3b</sup>	3mm	6.4mm
Sealed	3mm	6mm
Insulating <sup>1,3b</sup>	(Maximum overall 7/16")	

<sup>1</sup> Protected only if both plates of the unit are broken.

<sup>2</sup> Coated glass with security films, including films for solar protection, up to 12mm thick may be used. Film Technologies International, Inc's GLASS-GUARD® GGLL 1200 has been evaluated with this product by Underwriters Laboratories, Inc. at IntelliSense's request.

<sup>3</sup> In compliance with Underwriters Laboratories of Canada's Standard for Intrusion Detection Units (CAN/ULC-S306-M89):

<sup>a</sup> Plate glass 3mm to 10mm can be used

<sup>b</sup> ULC recognises a maximum range for protecting sealed insulated glass and coated glass of 3.8m.



### FlexGuard® Glassbreak Simulator/Tester

The sound of breaking glass is digitally simulated by the FG-701 and is compatible for testing all IntelliSense glassbreak detectors. Testing glassbreak detectors upon installation is highly recommended.

**Note:** The FG-1525/1525T detects shattering of framed glass by direct impact. It may not consistently detect breakage by blows that only crack the glass, by high velocity projectiles such as bullets, or glass broken without an impact.

### Accessories

**FG-701:** Glassbreak Simulator

**FG-SP1:** Spacer Plate depth 15.2mm

**FG-SP3:** Spacer Plate (ships with product) depth 7.6mm

## ORDERING