



ATTRACTIVELY STYLED WITH UNSURPASSED PERFORMANCE

Adjustable Range Glassbreak Detector

FG-1615



Adjustable Range Glassbreak Detector

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

Multiple Domain Signal Analysis
Remote Test Mode Enable/Disable
Enclosed PC Board

SPECIFICATIONS

Dimensions:	98mm x 62mm x 21.8mm (h x w x d)
Weight:	90g
Range:	4.6m maximum, omnidirectional no minimum range
Alarm Relay:	1615 Form A, 125mA max, 25 VDC max 1615T Form C, 125mA max, 25 VDC max
Tamper Switch:	Combination cover and wall tamper, 25 mA max, 24 VDC max (Fg1615T only)
Alarm Duration:	5 Seconds (unaffected by alarm LED latching)
ESD Immunity:	10 kV discharges of either polarity to exposed surfaces
Power Requirements:	6 ~ 18 VDC, 12 mA typical @ 12 VDC 22 mA max (Latched LED), AC ripple: 4 Volts peak-to-peak at nominal 12VDC
RF Immunity:	30 V/m, 10 MHz - 1000 MHz
Operating Temperature:	-10°C ~ 50°C
Approvals:	FCC and IC verified, CE, UL listed, ULC listed, PD6662 & EN50131-1 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 ^{3a}	2.4mm	10mm
Tempered	3mm	10mm
Laminated ¹	3mm	14mm
Wired	6mm	6mm
Coated ^{2,3b}	3mm	6.4mm
Sealed	3mm	6mm
Insulating ^{1,3b}	(Maximum overall 7/16")	

¹ Protected only if both plates of the unit are broken.

² 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.

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

^a Plate glass 3mm to 10mm can be used

^b ULC recognises a maximum range for protecting sealed insulated glass and coated glass of 2.3m.

Note: The Fg1615/1615T 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



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.

Accessories

FG-701: Glassbreak Simulator



Honeywell Security & Custom Electronics
2 Redwood Crescent
East Kilbride
G74 5PA
Scotland
Tel +44 (0)1355 354000
www.honeywell.com/security/uk/intruder

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