

# Detectors

glass break

## Break Glass 2000

INDUSTRIAL / COMMERCIAL  
RESIDENTIAL

### Dual Technology Digital Acoustic Break Glass Detector

#### Main Features

- 16m detection range covering a 360° diameter
- Designed to work with most glass types
- Microprocessor technology
- Flex and shatter frequency detection
- Installation test mode
- Option for latch mode
- ABS Plastics



#### Product Features

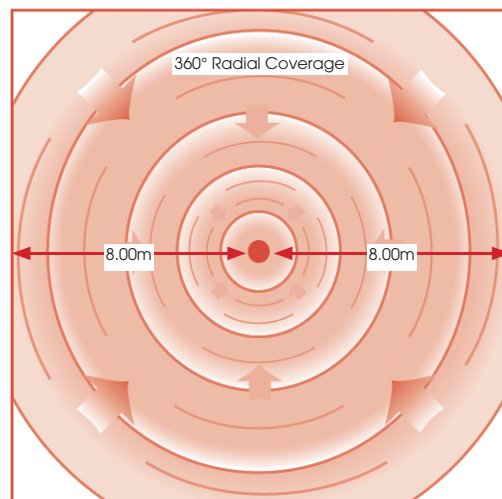
Features	Description	Benefits
Installation test mode	By utilising this feature in conjunction with the Break Glass Tester the sensitivity settings can be determined	Ensures optimum performance
Omni-directional sensor	The Break Glass 2000 can be located in a convenient location, not necessarily positioned directly opposite the glass	Ensures installation in a convenient location
2 stage detection process	The detector first picks up the high frequency 'shatter' of the glass and then the initial low frequency 'flex' of the glass	Optimises stability in hostile areas
Triple LED Indication	The low frequency detection of the flex is indicated by a green LED, The high frequency shatter of the glass by orange and an alarm activation by a red LED	Maximises the ease of installation
Option for latch mode	Enables the detector which has triggered the alarm to be identified in the case where there is more than one detector connected to one zone	Easy identification of the activated detector
ABS Plastics	3mm polished finish, reduces electrostatic interference on the PIR sensor	Easy to clean, retains white finish

#### Lens Coverage (Ceiling Mounted)

Coverage pattern side view

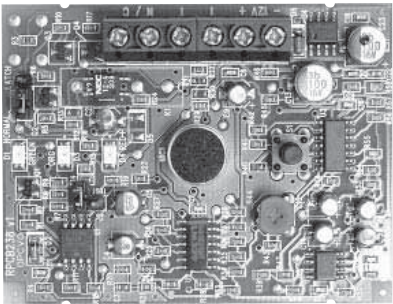


Coverage pattern plan view



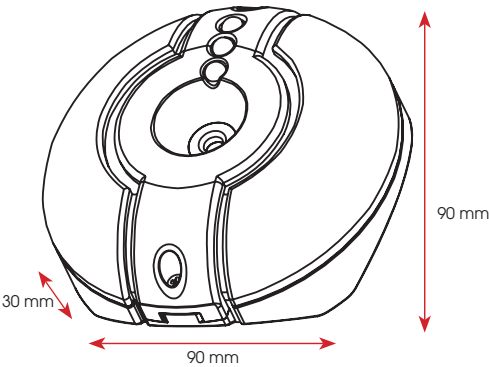
Electrical

ELECTRICAL	
Operating Voltage	9 - 16v (12v nominal)
Current Consumption - No Alarm State	30mA (at 13.8V)
Current Consumption - Alarm State	28mA (at 13.8V)
Relay Output	60VDC, 50mA, Protected 3.3 Ohm
Tamper Switch	12v max, 50mA max
RFI Immunity to Continuous Wave (CW) 10-1000MHz	75 v/m
RFI Immunity to Amplitude Modulation (AM) 10-1000MHz	30 v/m
RFI Immunity to Pulse Modulation (PM) 10-1000MHz	30 v/m
OPERATING FEATURES	
Alarm period of	2.5 seconds
Detection speed	0.3 - 3m/s
Operating Temperature	-10°C to +40°C
Storage Temperature	- 20°C to +60°C
DETECTION	
Glass types	Float, plate, tempered, wired, laminated, leaded, double glazed
Glass thickness	2.4mm to 6.4mm
Glass size	0.3m x 0.3m to 3m x 3m
MOUNTING	
Optimum Coverage Height	8m



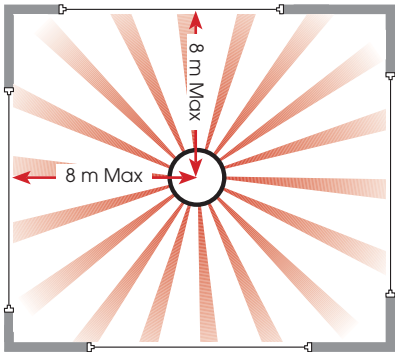
Weights & Dimensions

Weight 100 g

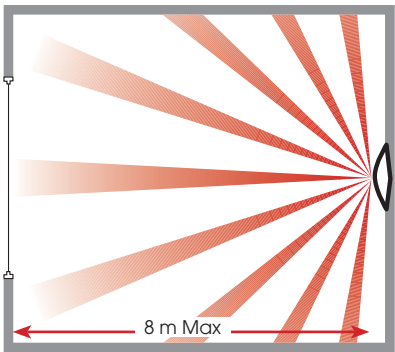


Applications

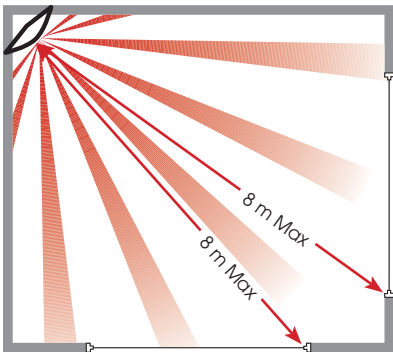
Ceiling Mounted



Wall Mounted



Corner Mounted



COMPLIANCE		PYRONIX PRODUCT CODE		PACKING INFORMATION		ACCESSORIES		PYRONIX PRODUCT CODE	
Europe	CE	FP05101		Min Pack: 10		Break Glass Tester		FP05130	
Belgium		FP05141		Pack Weight: 2.12 kg					
				Warranty: 5 Years					
				Manufactured: UK					

As part of the continued development programme  
specifications may change.

Matrix, PCX, Sterling, Vocaliser, KX, Colt, ME, Magnum, Kudos, Octopus,  
Eclipse, Veritec, Break Glass 2000, Twin Alert, Belle and Decibell are all  
trade marks of Pyronix Ltd