

Detectors

confirmed detector

Veritec P2

RESIDENTIAL / COMMERCIAL

Sequential Confirmation PIR and Pressure Digital Detector



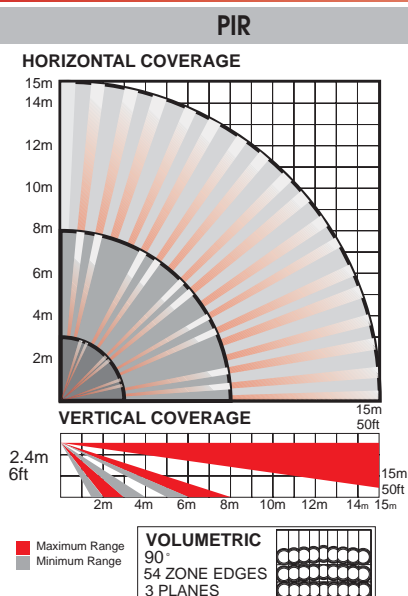
Main Features

- Independent relay outputs for PIR and pressure
- Dual element pyro-electric sensor
- Adjustable Sensitivity Settings
- 5 – 15m detection range
- 540 Cubic metres
- Patented Independent Floating Thresholds (IFT)
- Digital Temperature Compensation
- Mirror Creep Zone
- Multi-angular LED indication
- Sealed Optics
- ABS Plastics

Product Features

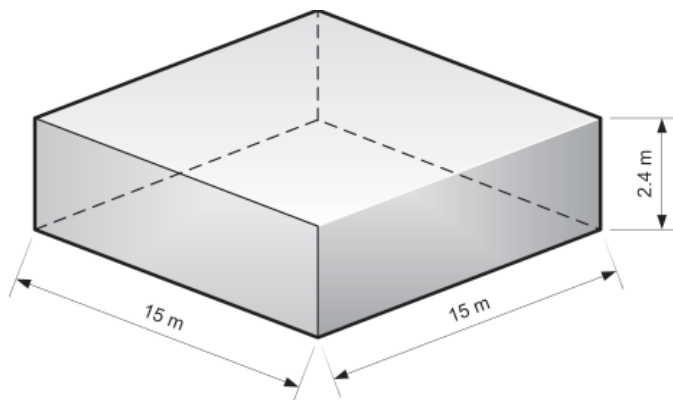
Features	Description	Benefits
Independent relay outputs for PIR and pressure	PIR & pressure technologies with separate independent outputs in 1 housing	Dramatically reduces installation time as compared with the traditional 'multi-device' method of providing sequential confirmation
Adjustable pressure and PIR sensitivity settings	4 Pressure sensitivity settings and 2 PIR settings are selectable simply by moving DIP switches	The Veritec P2 can be tailored to exactly suit its environment.
Digital Temperature Compensation	When the product is used in a hot environment this technology digitally adjusts the detector's sensitivity allowing it to retain its range even when the external temperature equals the external body temperature of 32°C	Guarantees optimum performance at all times
Patented Independent Floating Thresholds (IFT)	This technology patented by Pyronix allows the detector to respond to the environmental changes by automatically adjusting its levels of immunity to background disturbances.	Greater stability, reduces risk of false alarm activations
Multi-angular LED indication	A clear plastic pipe channels the light from the LED to the face of the detector making the LED indication highly visible from a multitude of angles.	Enables walk testing to be undertaken with ease and accuracy ensuring the detector covers the desired area.
Sealed Optics	Protects from possible infestation from insects, shields air movement in front of the pyro-electric sensor and protects against adverse reflections from inside the detector housing.	Enhances the focus of the pyro-electric sensor
ABS Plastics	3mm polished finish, reduces electrostatic interference on the PIR sensor.	Easy to clean, retains white finish.

Coverage



Pressure

This detector must be used in a fully enclosed area no larger than 540 cubic metres, for example:



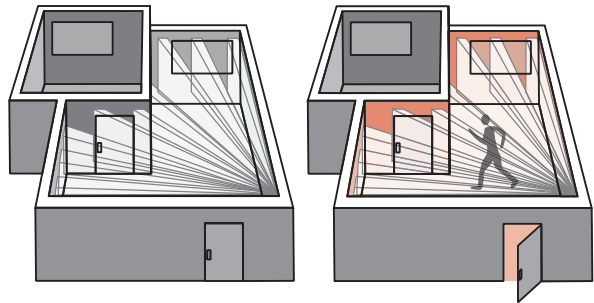
Technical Specification

ELECTRICAL	
Operating Voltage	9 - 16v (12v nominal)
Current Consumption - No Alarm State	30mA (12V nominal)
Current Consumption - Alarm State	30mA (12V nominal)
RELAY	
Relay Output	Solid State
	60VDC, 50mA, Protected 3.3 Ohm
TAMPER SWITCH	
	12v max, 50mA max
RFI Immunity to Continuous Wave (CW) 10-1000MHz	50 v/m
RFI Immunity to Amplitude Modulation (AM) 10-1000MHz	20 v/m
RFI Immunity to Pulse Modulation (PM) 10-1000MHz	20 v/m
OPERATING FEATURES	
Alarm period of	2.5 seconds
Detection speed	0.3 - 3m/s
Operating Temperature	-30°C to 70°C
Storage Temperature	- 40°C to 80°C
OPTICAL	
White Light Filter	6500 Lux
Optics	Sealed
Protection compensated	Fresnel array, 'Grooves in' infrared
Tilt Adjustment 0° - 12°	Ultraviolet light protection
MOUNTING	
Optimum Coverage Height	2.4m

Applications

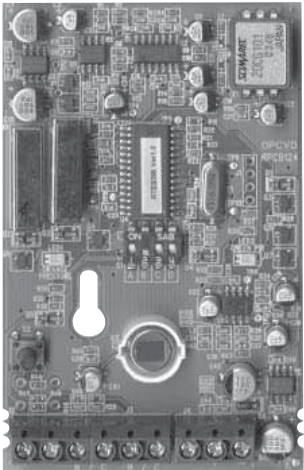
Features	Applications
2 Independent Technologies	Provides a simple solution to sequential confirmation.
Pressure Wave Detection	Detects rapid changes in ambient atmospheric pressure and can differentiate between a forced entry and other pressure fluctuations.
Adjustable Pressure Sensitivity	Means that each unit can be tailored to exactly suit its environment. Offering protection for up to 540 cubic metres , the Veritec P2 is suitable for a wide variety of applications such as shops, offices and residential properties.
Microprocessor Controlled Algorithms	Ensures that the Veritec is immune from pets, climatic changes, sound and movement of signs etc.

- Stable Air Pressure
- Change in Air Pressure



Both technologies stable

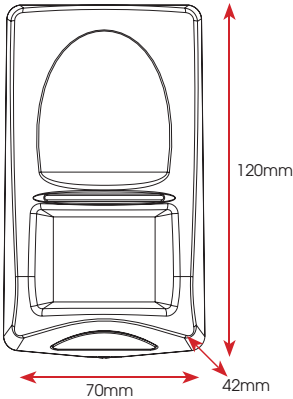
Both technologies triggered



Weights & Dimensions



156 g



Optional Accessory

Product Name	Description	Pyronix Product Code
VERITEST	Portable survey tool Allows sensitivity and siting to be predetermined	FP18020

COMPLIANCE	PYRONIX PRODUCT CODE	PACKING INFORMATION	ACCESSORIES	PYRONIX PRODUCT CODE
Europe CE	FP18000	Min Pack: 10 Pack Weight: 1.56 kg Warranty: 5 Years Manufactured: UK	Veritest	FP18020

As part of the continued development programme
specifications may change.

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