



Holographic Pet Immune PIR

Widely regarded by our customers to out-perform all other pet immune detectors, the 3D PetWise can actively discriminate between humans and animals. The world's first genuine pet immune detector utilising Texecom's patented holographic optics incorporates unique infrared beam shaping technology. This ensures optimum sensitivity even in lower zones resulting in totally reliable detection performance.

Outstanding Features

- Patented Holographic Optical Technology (HOTlens™)
- Intruder Confirmation Circuitry (ICC™)
- 200v/M Immunity To Mobile Phones
- 80lbs (35kg) Animal Immunity
(Eg. 1 X Labrador or 7 X Cats)
- 1.5 - 3.1m Adjustable Mounting Height
- En 50131 Grade 2
- Remote Led Disable
- 65 V/m Rf Immunity
- Sealed Optics



Texecom
Designed to Perform



Holographic Optical Technology (HOTLens)



Recent developments in laser technology have made it possible for Texecom to develop a system of optics based around diffractive structures. The HOTLens can not only focus infrared, it can also filter and shape detection zones. This "beam-shaping" allows the optical system to be tuned so that it is more sensitive to humans and less sensitive to animals. When the HOTLens is combined with Texecom's proprietary Intruder Confirmation Circuitry (ICC™) the result is the world's first genuine pet immune detector.



Sealed Optics & Adjustable Mounting Height

The 3D-PetWise contains fully sealed optics, preventing false alarms from insects & draughts. An adjustable PCB position provides optical alignment, ensuring an optimum coverage pattern when mounted anywhere between 1.5m & 3.0m.

Features & Functions

Range:	12m (40 feet), 104° volumetric coverage
Supply Voltage:	9 - 16Vdc
Current Consumption:	10mA typical at 12Vdc
Alarm Signaling:	Built-in normally closed relay
Alarm Relay:	Rated at 24Vdc, 50mA protected by 18Ω series resistor
EMC:	Independently certified to EN 50130-4 : 1996
Design:	Noise reduction circuits with maximum ground plane
RF Immunity:	No false alarms from 80MHz to 1GHz at 65V/m

Physical Specifications

	<p>Storage Temperature: -35°C (-31°F) to +60°C (+140°F)</p>	<p>Packed Weight: 125g (4.5oz) approx</p>
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European Standards

EMC: Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC (amended by 92/31/EEC and 93/68/EEC).

Approved to BS EN 55022 Class B and BS EN 50130-4 : 1996.

PD 6662 & EN 50131 Grade 2 Environmental Class II.

The CE mark indicates that this product complies with the European requirements for safety, health, environmental and customer protection.

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