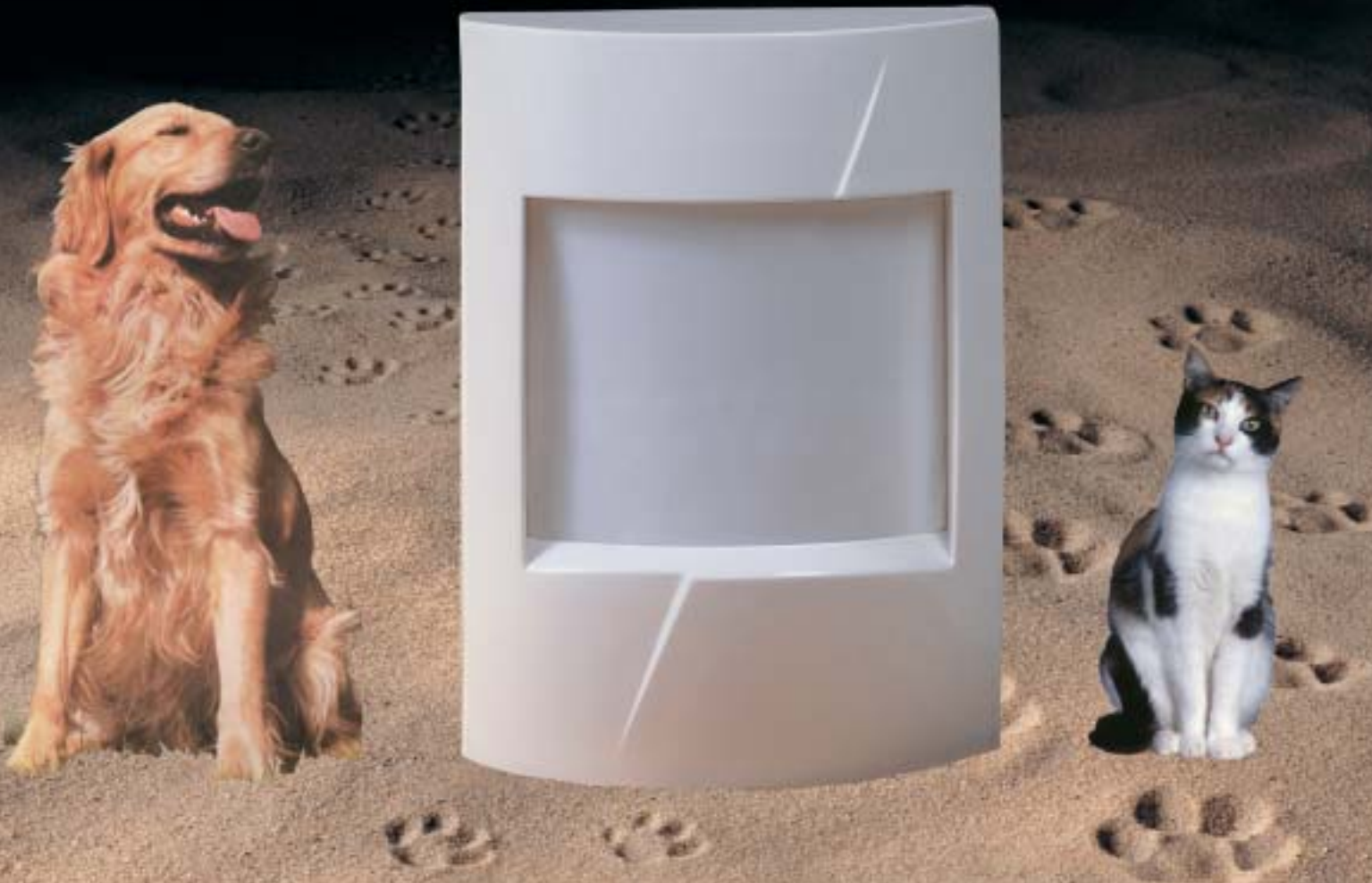


# 3D-PetWise

## 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.

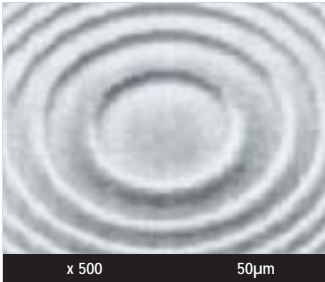
Outstanding features of the *3D-PetWise* include:

- ✓ PATENTED HOLOGRAPHIC OPTICAL TECHNOLOGY (*HOTLens*™)
- ✓ PATENTED TAMPER-PROOF MOUNTING BRACKETS
- ✓ 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
- ✓ 65V/m RF IMMUNITY
- ✓ SEALED OPTICS



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[www.texe.com](http://www.texe.com)

# 3D PETWISE FEATURES



x 500 50µm

Holographic Lens



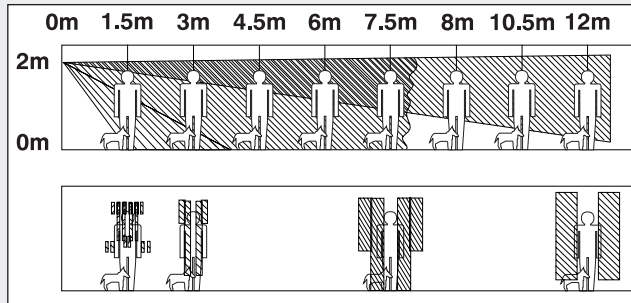
Mounting Height Adjustment



Corner Fixing Points

## 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



Patented Tamper-Proof Brackets



Cable Channel Guide

## Specifications

- Range:** 12m (40 feet), 104° volumetric coverage
- Supply Voltage:** 9 - 16Vdc
- Current Consumption:** 10mA typical
- Alarm Output:** Normally closed voltage free switch contacts, <24Vdc, 50mA, 18Ω
- Dimensions:** 90mm x 63mm x 40mm
- Packed Weight:** 125g (4.5oz) approx.
- EMC:** Independently certified to EN50130-4 : 1996
- Design:** Noise reduction circuits with maximum ground plane
- RF Immunity:** No false alarms from 80MHz to 1GHz at 65V/m

# 3D PETWISE STANDARDS

## European Standards

PD 6662 and EN 50131 Grade 2 Environmental Class II.  
 Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC.  
 Approved to BS EN 55022 Class B, BS EN 50130-4 : 1996.  
 The CE mark indicates that this product complies with the European requirements for safety, health, environmental and customer protection.

# 3D SERIES



Pet immune surface mount PIR with Holographic Optical Technology. IR beam shaping technology ensures excellent pet immunity whilst maintaining sensitivity in lower coverage areas.



Surface mount PIR with Holographic Optical Technology. Superior white light rejection & optimum IR focussing for sharper detection.



Quad element surface mount PIR with Holographic Optical Technology. Enhanced catch performance & false alarm immunity with active white light rejection & optimum IR focussing.

Texecom products are protected by UK and International patents, trademarks and registered design rights.

UK Registered Design Nos. 2083042, 2036937, 2036938. UK Patent No. 2285913.

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Certificate Number: FM 35285



British Security Industry Association