

K-9 Pet Immune Series



DETECTORS

*PetSmart™ detectors with
Target Specific Imaging*



Features

- *Immune to pets up to 36 kg (80 lbs)*
- *TSI™ - Target Specific Imaging - a Visonic Ltd patented technology*
- *Wide coverage of up to 12 X 12 m (40 X 40 ft)*
- *Animals can walk freely throughout the protected area*
- *Variety of detectors for residential and commercial applications*
- *Attractive, elegant design*

 **Visonic Ltd**

In North America and Europe, as many as 6 out of 10 households own at least one, and, in many cases, two or more pets.

Many security detector manufacturers have recognized the problems that pet applications present and have attempted to provide solutions. However, they face the dilemma of sacrificing catch performance in order to increase false alarm immunity. Many responsible security professionals believe that the trend to compromise catch performance for increased false alarm immunity is inadequate and leaves their customers with a false sense of security.

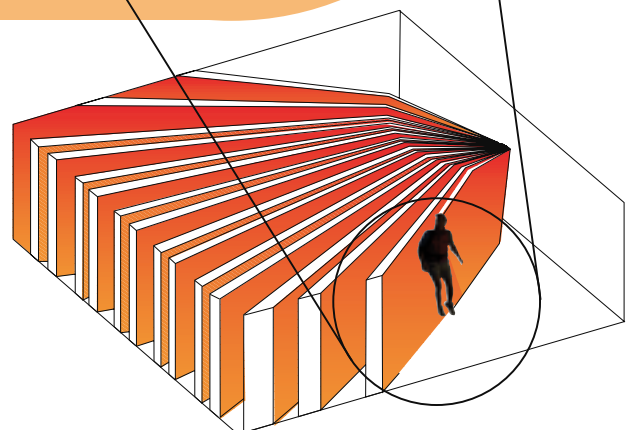
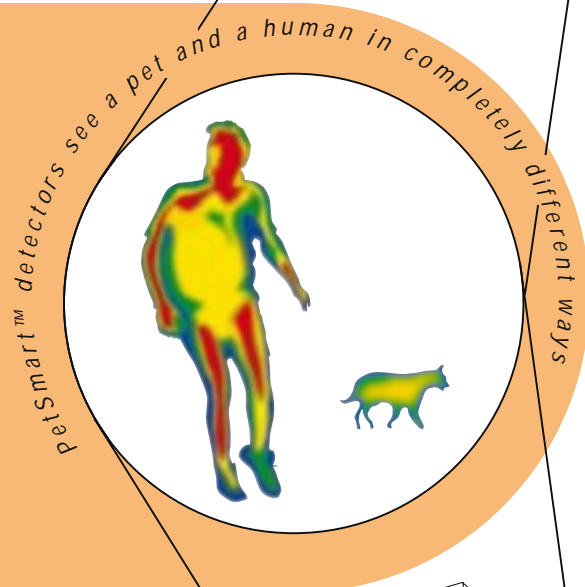
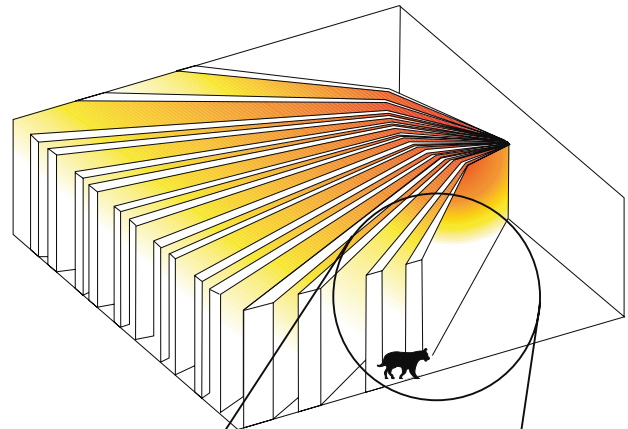
Breakthrough TSI™ technology

In response to this pressing problem, research scientists at Visonic Ltd have developed and patented the world's first three dimensional cylindrical optical system for security motion detectors. The sole purpose of this targeting system is to provide highly resolved images of the environment that can be digitally analyzed by the detector. This

breakthrough Target Specific Imaging (TSI™) technology is able to differentiate between a pet and a person without sacrificing catch performance.

TSI™ technology gives Visonic Ltd's detectors the unique advantage of allowing pets to move freely within the protected area, and to even climb on furniture. No other pet immune detector manufacturer dares to challenge a pet's freedom.

Sensor Ignores Pet



Sensor Detects Intruder

K-940

This PetSmart™ PIR detector with TSI™ is specifically designed for residential applications. It is immune to pets up to 18 kg (40 lbs) and covers a 9 x 9 m (30 x 30 ft) area. The K-940 offers triple pulse count protection, a sealed optical chamber to protect the sensor from insects and air currents and an optional swivel bracket for surface or corner mounting.



18 kg (40 lbs) max.



K-980

The PetSmart™ K-980 is a low-current animal immune PIR detector with TSI™ designed for residential and commercial applications. It comes in a durable, high-gloss housing with an integral swivel bracket. It is immune to pets up to 36 kg (80 lbs) and covers a 12 x 12 m (40 x 40 ft) area. A sealed optical chamber and an adjustable 1, 2 and 3-pulse counter virtually eliminate false alarms.



36 kg (80 lbs) max.



K-980D

The PetSmart™ K-980D dual technology (microwave/PIR) detector is a state-of-the-art pet immune detector. It offers immunity to pets up to 36 kg (80 lbs) and covers a 12 x 12 m (40 x 40 ft) area. It can be ceiling wall or corner mounted for residential and commercial applications and comes with an integral swivel bracket. The K-980D operates with Visonic Ltd's TMR™ - True Motion Recognition signal processing and has triple event count protection, advanced system diagnostics and microwave supervision.



36 kg (80 lbs) max.



K-980W

The PetSmart™ K-980W is an ultra low-current animal immune wireless PIR detector with TSI™ designed for residential and commercial applications. It is immune to pets up to 36 kg (80 lbs) and covers a 12 x 12 m (40 x 40 ft) area. A sealed chamber and an adjustable 1, 2, 3 and 5-pulse counter virtually eliminate false alarms. The K-980W is compatible with Visonic Ltd WR-200 and WR-300 series receivers.



K-940MCW

The K-940MCW is a compact, fully supervised wireless PIR pet immune detector for residential applications. It operates with TSI™ and is immune to pets up to 18 kg (40 lbs) and covers a 9 x 9 m (30 x 30 ft) area. It has programmable triple pulse count protection. The K-940MCW is compatible with all Visonic Ltd PowerCode™ receivers.



The PetSmart™ Series gives you flexibility and choice

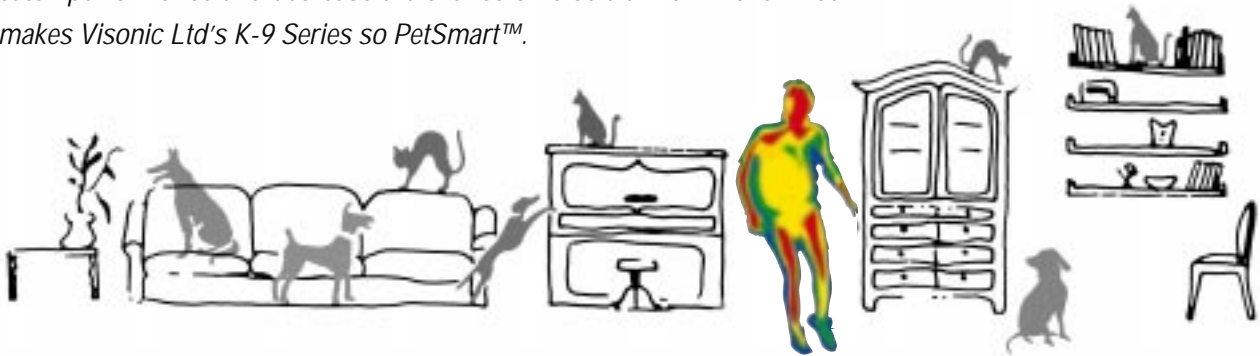
Installation companies know that one type of detector or detection technology won't satisfy the various security applications that include pets. Coverage area, pet size, environmental conditions, hardwired or wireless, and price are all factors to consider in the selection of a sensor. Visonic Ltd recognized that not just one, but a whole range of animal immune detectors was needed to suit so many applications. Just as installation companies choose from a range of standard detectors, they should also be able to choose which type of pet avoidance detector best suits a specific application.

Visonic Ltd is the first manufacturer to develop a full range of affordable pet immune detectors.



An Intruder Is Not a Pet

Pet immune sensors should be able to evaluate animals and people in different ways - in ways that increase detection capability, improve overall catch performance and decrease the chance of false alarms. This is what makes Visonic Ltd's K-9 Series so PetSmart™.



Model	K-940	K-980	K-980D	K-980W	K-940 MCW
Technology	PIR	PIR	PIR/MW	PIR-Wireless	PIR-Wireless Power Code™
Immune to Pet Weight	18 kg (40 lb)	36 kg (80 lb)	36 kg (80 lb)	36 kg (80 lb)	18 kg (40 lb)
Pulse Counter	1 or 3 pulses	1, 2 or 3 pulses	1 or 2 motion events	1, 2, 3 or 5 pulses	1, 3 or 5 pulses
Coverage Range	9 x 9 m (30 x 30 ft)	12 x 12 m (40 x 40 ft)	12 x 12 m (40 x 40 ft)	12 x 12 m (40 x 40 ft)	9 x 9 m (30 x 30 ft)
Mounting Height	1.8 - 2.4 m (6 - 8 ft)	1.8 - 2.4 m (6 - 8 ft)	1.8 - 2.4 m (6 - 8 ft)	1.8 - 2.4 m (6 - 8 ft)	1.8 - 2.4 m (6 - 8 ft)
Voltage Input	9 - 16 VDC	9 - 16 VDC	9 - 16 VDC	9 VDC alkaline battery	3.6V lithium battery
Current	17 mA @ 12 VDC	Standby: 10mA Alarm: 18 mA	23 mA @ 12 VDC	0.013 MA	Standby: 0.015mA Transmit: 9.5 mA
Alarm Output	Normally closed 0.1A / 30 VDC	Normally closed 0.1A / 30 VDC	Normally closed 0.1A / 30 VDC	—	—
Tamper Output	Normally closed 0.5A / 30 VDC	Normally closed 50 mA / 30 VDC	Normally closed 0.1A / 30 VDC	Reported at 2-minute intervals	Reported at 3-minute intervals
Operating Temperature	-10° to 50°C (14° to 122°F)	-10° to 50°C (14° to 122°F)	-10° to 50°C (14° to 122°F)	-10° to 50°C (14° to 122°F)	-10 to 50 C (14 to 122 F)
Dimensions	104 x 60 x 32 mm (4.1 x 2.4 x 1.3 in.)	117 x 65 x 47 mm (4.6 x 2.6 x 1.85 in.)	117 x 65 x 47 mm (4.6 x 2.6 x 1.85 in.)	117 x 65 x 47 mm (4.6 x 2.6 x 1.85 in.)	104 x 60 x 32 mm (4.1 x 2.4 x 1.3 in.)

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Visonic Ltd reserves the right to change specifications without prior notice. Full warranty statement available upon request.



Visonic Ltd
 Committed to Advancing Security