NV37
SERIES

OUTDOOR / INDOOR WINDOW AND SLIDING DOOR DUAL DETECTOR WITH ANTI-MASKING AND PET IMMUNITY

The NV37 series provides an excellent outdoor and indoor solution for window and sliding door protection with two operation modes: Pet Immune Mode 7.5 x 2m (25 x 7 ft) and Sharp Mode (indoor use) 10 x 2m (33 x 7 ft) with dual verification detection.

The NV37 offers a narrow beam optic pattern (0.5m at 5m / 1.6 ft at 16 ft), enabling movement in proximity to the protected door or window without false alarms.

The NV37 replaces the NV35 with greatly improved anti-mask detection, a dedicated anti-mask chip, improved stability, better false alarm rejection with dual detector design, and Paradox's Super Pet Immunity.

For outdoor use, the NV37 series provides superior detection while rejecting small birds, cats, and dogs (refer to Detector Beam Patterns). While indoors, using the Sharp mode provides extended range and enhanced detection.

The Wired Solid State Relay and the EVO version have passed EN Grade 3 and the Wireless version has passed EN Grade 2.

Key Features

▸ Outdoor / indoor protection solution for windows and sliding doors

▸ Pet Immune detection - Optical with pet discrimination geometry to support Super Pet Immunity

▸ Anti-masking - Dedicated chip Active IR detection for sprayed liquids and blocking items up to 30 cm (12 in.)

▸ Dual detectors controlled by Full Authority Digital Electronics Control (FADEC)

▸ Pre-mask visual LED indicator

▸ Multi Pet Immune Installation - Install the detector upside down at the installation height equal to the pet's height in order to reduce false alarms from roaming pets

▸ Dual tamper detection

▸ Creep zone detection

▸ Easy installation, optional mounting bracket

The NV37 series is available in three models:

NV37MR: Wireless, 433 or 868 MHz, EN 50131-2-2 Grade 2

NV37MX: Wired, EVO bus, EN 50131-2-2 Grade 3

NV37M: Wired, Solid State Relay output, EN 50131-2-2 Grade 3

anti-mask   ENVY SERIES   PET IMMUNITY®   PARADOX DiGiTAL DETECTION

PARADOX™

Paradox Pet Detection Technology

Super Pet Immunity Mode

The NV37 series features Paradox Super Pet Immunity mode based on dual optical detection system topology with beam shifting. This unique capability prevents pets up to approximately 70 cm (27 in.) from being detected, delivering true pet immunity solution (refer to Detector Beam Patterns). The NV37 was designed to protect from outside window or sliding doors intruders while rejecting false alarms of small pets such as birds, cats, and dogs and was designed to be installed within the window or door frame. Sharp mode installation can be used indoor with greater sensitivity and coverage. The NV37 can be installed upside down at the installation height equal to the pet's height to reduce false alarms from roaming pets.
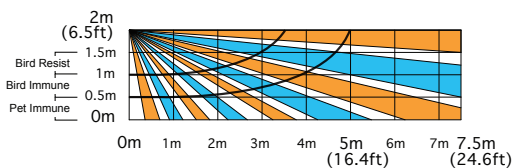
NV37 Active IR Anti-Mask

Paradox's anti-masking technology raises the bar with a dedicated anti-mask chip designed for anti-mask detection, increasing the reliability and accuracy of detection of anti-masking. The NV37 series recognizes objects placed in close proximity to the lens (up to 30 cm / 12 in.), including clear wood lacquer, aluminum foil, clear adhesive tape, and degradation of the lens by dirt or dust. The NV37 also now includes a visual indication (orange-flashing LED) for pre-mask detection.
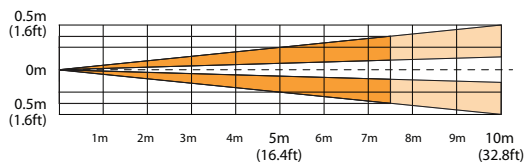
Creep Detector

The NV37 series offers integrated Creep Detection that secures the area located directly below the detector.

Technical Specifications

Movement Detection	2 Dual Element sensors
Coverage Distance	**Super Pet Immunity Mode:** 7.5 x 2m (25 x 7 ft)
	Sharp Mode (Pet Immunity off): 10 x 2m (33 x 7 ft)
	Beam width: 0.5m at 5m (1.6 ft at 16 ft)
Anti-masking	Dedicated Chip, multi IR transmitters IR detection for blocking items up to 30 cm (12 in.) in front of the detector and sprayed liquids
Indication	RGB status LED
Power	**Wired NV37M, NV37MX:** 13.8 Vdc nominal, 10.0V to 15 Vdc, 20 mA max.
	Wireless NV37MR: • 2 x AA Alkaline batteries • Up to 3 years for typical use
RF Frequency (NV37MR)	433 or 868 MHz
Operating Temperatures	-35º to 60º C (-31º to 140º F)
Tamper	Dual - Cover and Wall
Dimensions	12.27 x 4.3 x 6.17 cm (4.8 x 1.69 x 2.43 in.)
Weight	**Weight NV37M:** 94g (3.3 oz) **Weight NV37MX:** 92g (3.2 oz) **Weight NV37MR:** 144g (5 oz)
Certification	**NV37M / NV37MX:** CE, EN 50131-2-2 Grade 3 Class IV
	NV37MR: CE, EN 50131-2-2 Grade 2 Class IV

Detector Beam Patterns

PET IMMUNITY MODE SIDE VIEW:

SHARP MODE USE ONLY SIDE VIEW:

TOP VIEW:
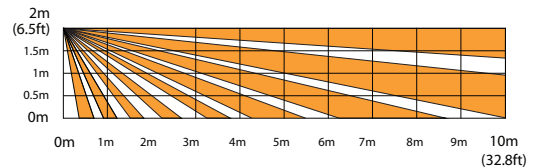
MULTI PET IMMUNITY SIDE VIEW: