

The Digital Detection ENVY Series™

# NV35M / NV35MX / NVR35M

Outdoor / Indoor Window and Sliding Door  
Dual Detector with Anti-Masking  
and Pet Immunity



The NV35M series provides a superior 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 NV35M 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 NV35M's robust detection, stability and high false alarm rejection are a result of the system's innovative dual detector design, Paradox Super Pet Immunity and field-proven, high security Active IR Anti-Mask detection.

For outdoor use, the NV35M 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 EVO Wired version has passed EN Grade 3 with unparalleled anti-masking detection against sprayed materials, and against blocking objects that are placed up to 30 cm (11.8 in.) from the detector, while the other versions have passed EN Grade 2.

## Key Features

- ▶ Outdoor / indoor protection solution for windows and sliding doors
- ▶ Pet Immune detection
- ▶ Anti-masking - Active IR detection for sprayed liquids and blocking items up to 30 cm (11.8 in.)
- ▶ Dual detectors controlled by Full Authority Digital Electronics Control (FADEC)
- ▶ Optical pet discrimination geometry to support Super Pet Immunity
- ▶ Dual tamper detection
- ▶ Creep zone detection

The NV35M series is available in three models:

**NV35M:** Wired, Solid State Relay output,  
EN 50131-2-2 Grade 2

**NV35MX:** Wired, EVO bus output, EN 50131-2-2 Grade 3

**NVR35M:** Wireless, 433 or 868 MHz, EN 50131-2-2 Grade 2



ENVY  
SERIES



PARADOX  
DIGITAL  
DETECTION



# Paradox Unparalleled Technology

## Super Pet Immunity Mode

The NV35M series features our Super Pet Immunity mode based on dual optical detection system topology with pet detection shifting. This unique capability prevents pets up to approximately 70 cm (27.6 in.) from being detected, delivering the highest quality pet immunity solution in the industry (refer to Detector Beam Patterns).

## Active IR Anti-Mask

Paradox anti-masking technology raises the bar on today's market solutions with enhanced sensitivity resulting in higher reliability and accuracy. The NV35M series recognizes objects placed in close proximity to the lens (up to 30 cm / 11.8 in.), including clear wood lacquer, aluminum foil and clear adhesive tape, movement within close range of the unit and degradation of the lens by dirt or dust.

## Creep Detector

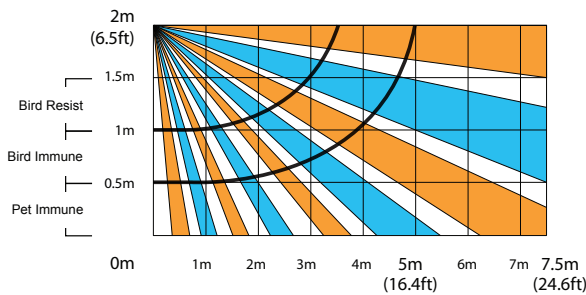
The NV35M series offers integrated Creep Detection that secures the area located directly below the detector.

# Technical Specifications

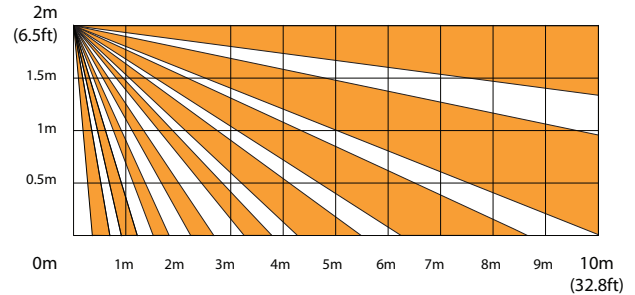
<b>Movement Detection</b>	2 Dual Element sensors
<b>Coverage distance</b>	<b>Super Pet Immunity Mode:</b> 7.5 x 2m (25 x 7 ft) <b>Sharp Mode (Pet Immunity off):</b> 10 x 2m (33 x 7 ft) <b>Beam width:</b> 0.5m at 5m (1.6 ft at 16 ft)
<b>Anti-masking</b>	Active IR detection for blocking items up to 30 cm (11.8 in.) in front of the detector and sprayed liquids
<b>Indication</b>	RGB status LED
<b>Power</b>	<b>Wired NV35M, NV35MX:</b> 12 Vdc nominal 10.0V to 15 Vdc, 20 mA <b>Wireless NVR35M:</b> • 2 x AA Alkaline batteries • Up to 3 years for typical use
<b>RF Frequency (NVR35M)</b>	433 or 868 MHz
<b>Operating Temperatures</b>	-35° to 60° C (-31° to 140° F)
<b>Tamper</b>	Dual - Cover and Wall
<b>Dimensions</b>	12.3 x 6.1 x 4.3 cm (4.8 x 2.4 x 1.7 in.)
<b>Weight</b>	100g / 0.2 lb
<b>Certification</b>	<b>NV35MX:</b> EN 50131-2-2 Grade 3 Class IV <b>NV35M / NVR35M:</b> EN 50131-2-2 Grade 2 Class IV

# Detector Beam Patterns

PET IMMUNITY MODE SIDE VIEW:



SHARP MODE USE ONLY SIDE VIEW:



TOP VIEW:

