

NVR35M

Installation Manual V1.0

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

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NVR35M-EI01

General Description

The NVR35M module provides a superior wireless 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.

Installing the NVR35M

1. Remove the front cover - open the Captive screw.

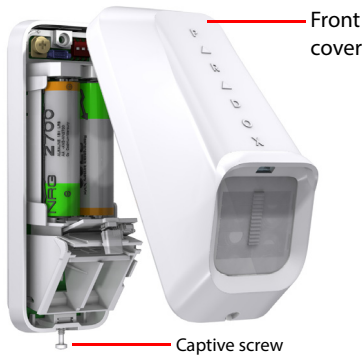


Figure 1 – Removing the Front Cover



Figure 2 – Main Unit

2. Remove the Main Unit: open the two snap-lock mechanisms on each side of the back cover attaching the Main Unit to the back cover as displayed below. Then remove the Main Unit.

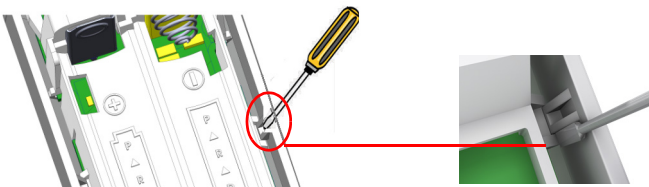


Figure 3 – Removing the Main Unit

3. Pull the wires from the control panel through the knockout holes and mount the back cover onto the window frame or wall using screws..

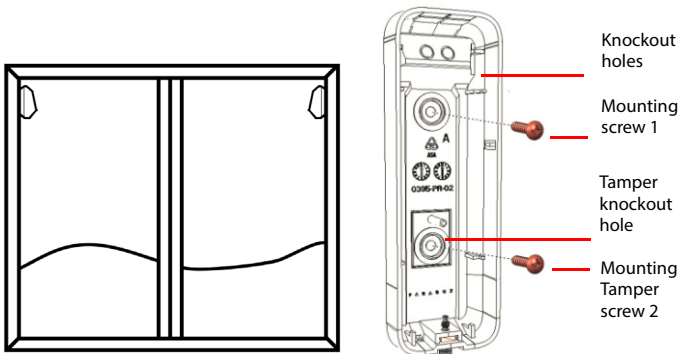


Figure 4 – Mounting the Back Cover

4. Attach the Main Unit to the back cover - ensure the locks snap closed..

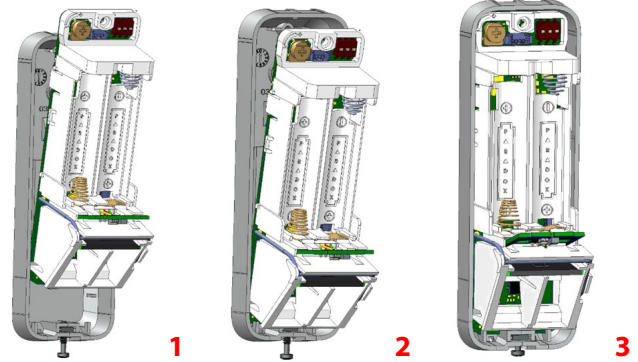


Figure 5 – Attaching the Main Unit

5. Insert two AA batteries.
6. Set **DIP switch** settings (see Table 1 below) according to requirements.

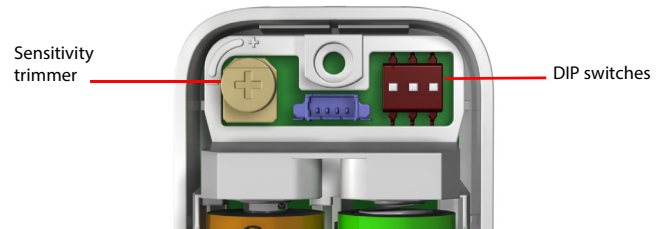


Figure 6 – Adjusting the settings

Table 1: DIP Switch Functionality

Dip Switch Number	Function	Mode Description
1	LED	ON: Default OFF:
2	PET Immunity/ SHARP Mode	ON: PET Immunity mode OFF: SHARP mode
*3	RF	ON: 433MHz *(default) OFF: 868MHz- applicable for EU versions only

*** For USA and Canada: 433MHz frequency is set by the manufacturer and cannot be modified.**

7. Set **Range/PIR Sensitivity** level: Turn the **Sensitivity Trimmer** (see Figure 6 above) to select the required level as displayed below..



Default PIR Sensitivity level: 2

Note: After selecting the required level, the LED flashes the number of times equal to the level selected. EXAMPLE: If level 2 is selected, the LED flashes twice.

Figure 7 – Sensitivity Trimmer

8. Replace the front cover and close the Captive screw.

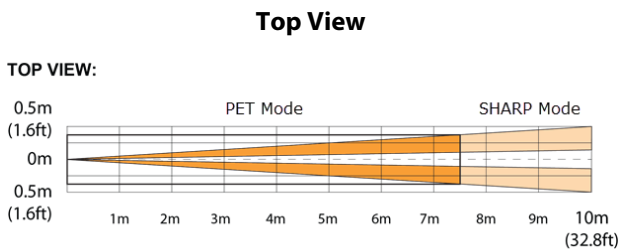
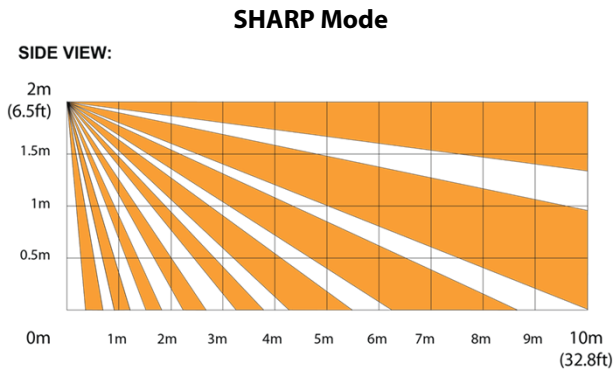
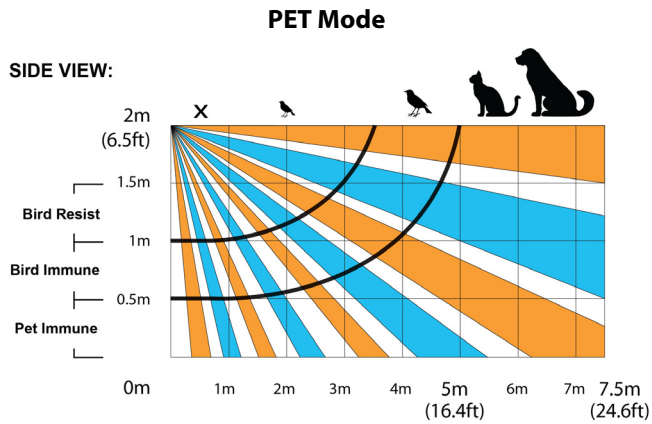
Warning: Do not obscure the detector's field of view.

Testing the NV35MX

Perform a **Walk-Test** to test successful installation: Walk slowly across the far end of the detection range. Ensure detection.

Walk test mode lasts 5 minutes after the tamper screw is closed.

Beam Pattern



LED Display

Feature	LED Status Indicator
Tamper open	Green: ON for 0.3 seconds every 30 seconds
PIR sensitivity level setting	Green: Flashes 1-3 times according to the selected level
Alarm detection	Red: ON for 2 seconds
Booting	Green/Red alternating flashes for 30 seconds

Technical Specifications

Model Number	NVR35M
Infrared sensor type	2 dual elements
Detection range	PET ON: up to 7.5m Sharp ON: up to 10m
Detection range	<ul style="list-style-type: none"> PET Immunity mode: up to 7.5m 7.5 x 2m (25 x 7 ft) Sharp mode: 10 x 2m (33 x 7 ft)
Anti-mask	Active IR detection for blocking 30cm and sprayed liquid
Input voltage	3VDC=2x1.5VDC AA Alkaline batteries
Current consumption	40µA in Standby 30mA in Alarm/RF Transmitting
Battery life	3 years of typical use
Low battery voltage Signal	2.5V
Compatibility	RTX3 and Magellan systems
Outdoor protection	IP54
Operation temperature	-35°C / +50°C
Relative humidity	95% non-condensing
RF Frequency	433.92 MHz/868MHz IMPORTANT: For US and Canada, only 433.92 MHz is used
Dimensions	12.3 x 6.1 x 4.3 cm (4.8 x 2.4 x 1.7 in.)
Certifications	EN50131-2-2 Grade 2, Class IV Certification Body: Applica Test & Certification
Weight	100g / 0.2 lb

Notification

Changes or modifications to this equipment not expressly approved by the party responsible for compliance (Paradox Security Systems Ltd.) could void the user's authority to operate the equipment.

Warranty

The Limited Warranty Statement found on the website www.paradox.com/terms.

Your use of the Paradox product signifies your acceptance of these terms and conditions.

The following US patents may apply 5,886,632 and 6,215,399, Other Canadian and international patents may apply.



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Printed in Canada 04/2015.