NVR35M

Installation Manual V1.0

Wireless Outdoor/Indoor

Dual Band

Window and Sliding Door

Dual Detector with

Anti-Masking and

Pet Immunity

P ▲ R ▲ D O X ™

NVR35M-EI01

General Description NVR35M

Thank you for choosing the NVR35M Wireless for your professional protection needs. The NVR35M wireless Dual Band version will provide you the most advanced window and sliding doors protection either in Pet Immune or Sharp mode. If you have any comments please write to us at Paradox.com/products/feedback.

Installing the NVR35M

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

Front cover

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.
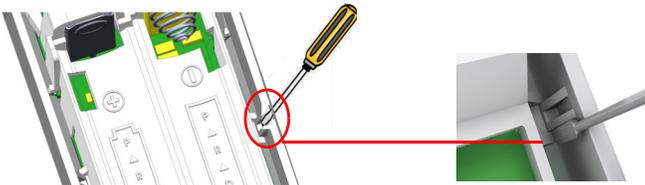

Figure 3 – Removing the Main Unit

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..
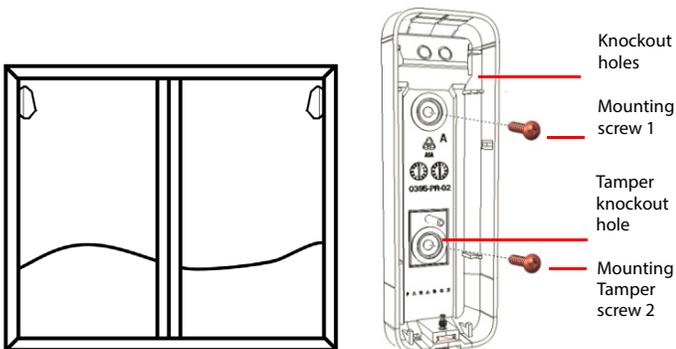

Knockout holes

Mounting screw 1

Tamper knockout hole

Mounting Tamper screw 2

Figure 4 – Mounting the Back Cover

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

1   2   3

Figure 5 – Attaching the Main Unit

5. Insert two AA batteries.

6. Set the following Detector settings according to requirements.

Sensitivity Trimmer

PET/SHARP Mode

5m/7m

3m/5m   2   7.5m/10m

1   3

DIP Switches

Default Sensitivity level: **2**
LED flashes green 1-3 times according to the selected level.

Figure 6 – Detector Settings

The following table displays the **Dip Switch** settings.

Table 1: DIP Switch Functionality

Dip Switch Number	Function	Mode Description
1	LED	**ON**: LED on (default) **OFF**: LED off
2	PET Immunity/ SHARP Mode	**ON**: PET Immunity mode (default) **OFF**: SHARP mode
3*	RF	**ON**: 433.92 MHz * (default) **OFF**: 868.35 MHz- applicable for EU versions only

* For USA and Canada: 433MHz frequency is set by the manufacturer and cannot be modified.
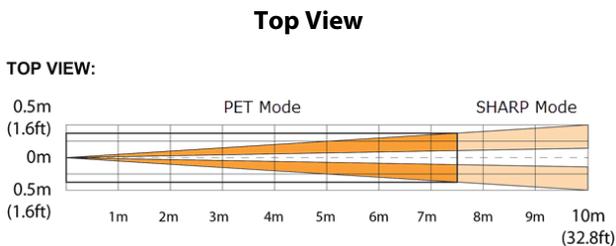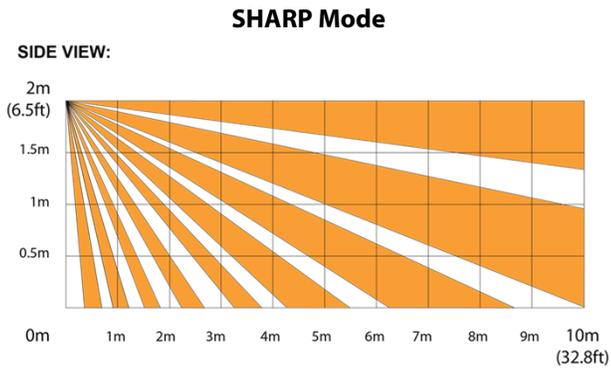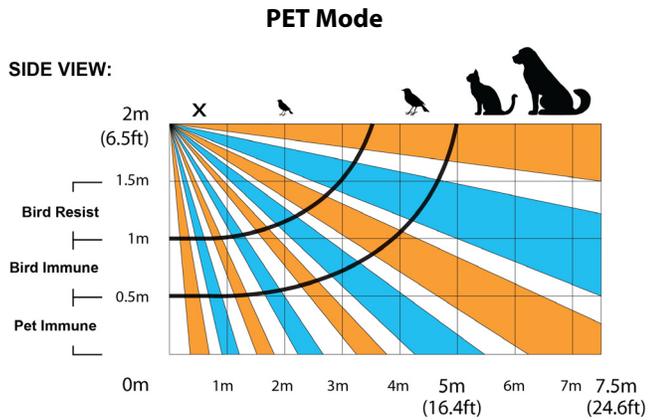
7. Replace the front cover and close the Captive screw.

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

Testing the NVR35M

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

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

Beam Pattern

PET Mode

SIDE VIEW:

SHARP Mode

SIDE VIEW:

Top View

TOP VIEW:

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/Tamper close	Green/Red alternating flashes for 30 seconds
Anti-mask detection	Orange: Flashes ON/OFF 3 times every 60 seconds

Technical Specifications

Model Number	NVR35M
Infrared sensor type	2 dual elements
Detection range	• PET Immunity mode: 7.5m x 2m (25 x 7 ft) • Sharp mode: 10 x 2m (33 x 7 ft)
Super Pet Immunity	Pet size approximately 50cm
Anti- mask	Active IR detection for blocking 30cm and sprayed liquid
Input voltage	3VDC=2 x1.5VDC 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	Dual Band: 433.92 MHz /868.35 MHz **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	CE, EN50131-2-2 Grade 2, Class IV
Weight	100g / 0.2 lb

Notification

Changes or modifications to this equipment not expressly approved by the party responsible for compliance - Paradox Security Systems (Bahamas) 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.

Patents

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