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Honeywell IS335

Honeywell IS335 Wired PIR Motion Detector User Manual

Model: IS335

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Honeywell IS335 Wired PIR Motion Detector. The IS335 is designed to provide reliable motion detection for security systems, offering a detection range of 40 feet by 56 feet. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. KEY FEATURES

- **Wired Connectivity:** Ensures stable and reliable communication with your security system.
- **PIR Technology:** Passive Infrared (PIR) sensor detects changes in infrared radiation caused by moving bodies.
- **Wide Coverage:** Detects motion within a 40' x 56' area.
- **Compact Design:** Discreet and blends into various environments.

3. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. This device is designed for wall mounting.

3.1 Unpacking

Carefully remove the motion detector from its packaging. Ensure all components are present.

3.2 Mounting Location

Choose a location that provides the best coverage for the desired area, typically in a corner or on a wall where the detector can "see" across the room. Avoid aiming the detector directly at heat sources, windows, or areas with significant air currents (e.g., near HVAC vents) to prevent false alarms. The recommended mounting height is typically 7-8 feet (2.1-2.4 meters) from the floor.



Figure 1: Honeywell IS335 Wired PIR Motion Detector mounted on a wall. This image shows the compact white unit with its sensor lens, positioned above a light switch.

3.3 Wiring

The IS335 is a wired device and requires connection to a compatible security system control panel. It typically uses four wires: two for power (+ and -) and two for the alarm circuit (NC and C). Refer to your security system's manual for specific wiring diagrams and connection points. Ensure power is disconnected from the control panel before wiring.

- Connect the positive (+) terminal of the detector to the positive power output of the control panel.
- Connect the negative (-) terminal of the detector to the negative power output (ground) of the control panel.
- Connect the Normally Closed (NC) and Common (C) terminals of the detector to the designated zone input on your control panel.

After wiring, secure the detector to the wall using appropriate screws.

4. OPERATING INSTRUCTIONS

4.1 Power-Up and Initialization

Once wired and mounted, restore power to your security system control panel. The detector will undergo a brief initialization period. During this time, an LED indicator on the detector may illuminate or flash.

4.2 Walk Test

Perform a walk test to verify the detector's coverage area and functionality.

1. Put your security system into test mode (refer to your system's manual).
2. Walk through the protected area, observing the LED indicator on the motion detector.
3. The LED should illuminate each time motion is detected.
4. Adjust the detector's position or angle if there are any blind spots or areas not covered.

After confirming proper operation, take your security system out of test mode.

5. MAINTENANCE

The Honeywell IS335 motion detector requires minimal maintenance.

- **Cleaning:** Periodically wipe the detector's lens and casing with a soft, dry cloth to remove dust and debris. Do not use abrasive cleaners or solvents.
- **Testing:** It is recommended to perform a walk test at least once a year, or as recommended by your security system provider, to ensure continued functionality.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Detector not responding (LED not lighting up)	No power; incorrect wiring; faulty unit.	Check power connections to the control panel. Verify wiring connections (+, -, NC, C). If issues persist, consult a professional.
False alarms	Heat sources; air currents; direct sunlight; pets (if pet immunity not configured or exceeded).	Relocate the detector away from heat sources, windows, or vents. Ensure pet immunity settings (if available) are correct for your pet's size.
Missed detections (blind spots)	Improper mounting height or angle; obstructions.	Adjust mounting height or angle. Remove any obstructions blocking the sensor's view. Perform a walk test to confirm coverage.

7. SPECIFICATIONS

- **Model:** IS335
- **Brand:** Honeywell
- **Detection Range:** 40' x 56' (12.2m x 17.1m)
- **Power Source:** Wired, Corded Electric
- **Mounting Type:** Wall Mount
- **Color:** White
- **Item Weight:** 2.4 ounces (68 grams)
- **Product Dimensions:** 2 x 1 x 2 inches (5.08 x 2.54 x 5.08 cm)
- **Operating Temperature:** 68 Degrees Fahrenheit (20°C)

- **Compatible Devices:** Security System, Smart Home Hub

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Honeywell website. Keep your proof of purchase for warranty claims.

[Visit the Honeywell Store on Amazon](#) for more products and information.

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