

Honeywell HC35WZ2R25

Honeywell HC35WZ2R25 35 Series Speed Dome PTZ Camera User Manual

Model: HC35WZ2R25

[Introduction](#)

[Features](#)

[Setup](#)

[Operating](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

[Warranty](#)

[& Support](#)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Honeywell HC35WZ2R25 35 Series 2MP IR WDR Speed Dome PTZ Camera. Please read this manual thoroughly before using the product to ensure proper and safe operation. Keep this manual for future reference.





An image showing the Honeywell HC35WZ2R25 35 Series Speed Dome PTZ Camera. The camera features a white dome-shaped housing with a black lens assembly at the bottom. The Honeywell and '35 Series' branding is visible on the side of the white housing. The top of the camera has a threaded metal connector for mounting.

2. PRODUCT FEATURES

The Honeywell HC35WZ2R25 camera is designed for advanced surveillance applications, offering robust performance and versatile functionality. Key features include:

- **2 Megapixel Resolution:** Provides clear and detailed video footage.
- **Infrared (IR) Illumination:** Enables surveillance in low-light or no-light conditions.
- **Wide Dynamic Range (WDR):** Ensures balanced exposure in scenes with both very bright and very dark areas.
- **Speed Dome PTZ Functionality:** Allows for rapid Pan, Tilt, and Zoom movements for dynamic area coverage.
- **5X Optical Zoom:** Offers the ability to zoom in on distant objects without loss of image quality.
- **Durable Design:** Suitable for various indoor and outdoor environments.

3. PACKAGE CONTENTS

Please check the package contents upon unpacking. If any items are missing or damaged, contact your supplier immediately.

- Honeywell HC35WZ2R25 PTZ Camera
- Mounting Hardware (screws, anchors, etc.)
- Installation Template
- Quick Start Guide
- Power Adapter (if included)

4. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your camera. Ensure all safety precautions are followed.

4.1 Mounting Considerations

- The camera supports both **Ceiling Mount** and **Wall Mount** installations.
- Choose a mounting location that provides the desired field of view and is structurally sound enough to support the camera's weight.
- Ensure the location is free from obstructions and provides easy access for wiring.

4.2 Installation Steps

1. **Prepare the Mounting Surface:** Use the provided installation template to mark drilling points for the mounting bracket.
2. **Drill Holes:** Drill pilot holes at the marked locations. Insert wall anchors if necessary.
3. **Attach Mounting Bracket:** Secure the mounting bracket to the surface using the supplied screws.
4. **Connect Wiring:** Connect the power cable and network cable (Ethernet) to the camera. Ensure connections are secure and waterproof if installing outdoors.
5. **Attach Camera to Bracket:** Securely attach the camera body to the installed mounting bracket according to the specific bracket design.
6. **Power On:** Connect the power adapter to a power source. The camera will initiate its startup sequence.
7. **Network Configuration:** Access the camera's web interface via a connected computer to configure network settings (IP address, subnet mask, gateway) and set up user accounts. Refer to the Quick Start Guide for initial access credentials.

5. OPERATING THE CAMERA

Once installed and configured, the camera can be operated through its web interface or compatible video management software (VMS).

5.1 Accessing the Web Interface

1. Open a web browser on a computer connected to the same network as the camera.
2. Enter the camera's IP address in the browser's address bar and press Enter.
3. Enter your username and password when prompted.

5.2 PTZ Control

Within the web interface or VMS, you will find controls for Pan, Tilt, and Zoom:

- **Pan:** Rotate the camera horizontally (left/right).
- **Tilt:** Adjust the camera's vertical angle (up/down).
- **Zoom:** Adjust the optical zoom level to magnify or widen the view.
- **Preset Positions:** Configure and recall specific camera positions for quick navigation.

- **Patrol/Tour:** Set up automated sequences of preset positions for continuous monitoring.

5.3 Recording and Playback

Refer to your VMS or NVR (Network Video Recorder) manual for detailed instructions on configuring recording schedules, motion detection, and accessing recorded footage for playback.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your camera.

- **Cleaning:** Gently wipe the camera's exterior and lens with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Firmware Updates:** Periodically check the Honeywell support website for firmware updates. Updating firmware can improve performance, add features, and fix bugs.
- **Cable Inspection:** Regularly inspect all cables for signs of wear, damage, or corrosion, especially for outdoor installations.
- **Environmental Checks:** Ensure the camera's operating environment remains within specified temperature and humidity ranges.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
No Power	Power cable disconnected; Power supply failure; No power at outlet.	Check power connections; Test power supply; Verify outlet power.
No Video Output	Network cable disconnected; Incorrect IP address; Network conflict; Camera not powered on.	Check network cable; Verify IP settings; Resolve IP conflicts; Ensure camera is powered.
Poor Image Quality	Dirty lens; Incorrect focus; Lighting issues; Network bandwidth issues.	Clean lens; Adjust focus via web interface; Improve lighting; Check network speed.
PTZ Not Responding	Network connectivity issue; Firmware issue; Mechanical obstruction.	Check network; Update firmware; Inspect for obstructions.

8. SPECIFICATIONS

Technical specifications for the Honeywell HC35WZ2R25 camera.

- **Model:** HC35WZ2R25
- **Resolution:** 2 Megapixel
- **Optical Zoom:** 5X
- **Features:** IR, WDR, Speed Dome PTZ
- **Mounting Type:** Ceiling Mount, Wall Mount
- **Manufacturer:** Honeywell
- **ASIN:** B0CQRT915N
- **First Available Date:** November 4, 2023

9. WARRANTY AND SUPPORT

Honeywell products are designed for reliability and performance. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Honeywell website.

9.1 Technical Support

If you encounter issues that cannot be resolved using the troubleshooting guide, or require further assistance, please contact Honeywell technical support. Support contact information can typically be found on the Honeywell website or in your product documentation.

For more information, visit the [Honeywell Store on Amazon](#).

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