

Honeywell HC35WB5R3

Honeywell HC35WB5R3 35 Series 5MP IR Fixed WDR IP Bullet Camera User Manual

Model: HC35WB5R3

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Honeywell HC35WB5R3 35 Series 5MP IR Fixed WDR IP Bullet Camera. Please read this manual thoroughly before using the product to ensure proper setup and functionality.

The Honeywell 35 Series cameras are designed for small to medium-sized business operations, offering integrated smart analytics, exceptional picture clarity, flexible system integration, and secure data transmission.

PRODUCT OVERVIEW



Figure 1: Honeywell HC35WB5R3 35 Series 5MP IR Fixed WDR IP Bullet Camera. This image shows the white bullet-style camera with a black front housing for the lens, mounted on a white circular base.

The Honeywell HC35WB5R3 is a 5-megapixel (5MP) IP bullet camera featuring a 2.8mm fixed lens, Wide Dynamic Range (WDR), and Infrared (IR) capabilities for enhanced visibility in various lighting conditions. It is suitable for

both indoor and outdoor surveillance applications.

SETUP

1. Package Contents

Before installation, verify that all components are present:

- Honeywell HC35WB5R3 Camera
- Mounting Hardware (screws, anchors)
- Installation Template
- Quick Start Guide

2. Mounting the Camera

The camera supports both ceiling and wall mounting. Choose a location that provides the desired field of view and is within reach of power and network connections.

1. **Prepare the Surface:** Use the provided installation template to mark drilling points for the mounting screws.
2. **Drill Holes:** Drill pilot holes at the marked locations. Insert wall anchors if mounting on drywall or other soft surfaces.
3. **Secure the Mount:** Attach the camera's mounting base to the surface using the supplied screws.
4. **Adjust Camera Angle:** Loosen the adjustment screws on the camera's bracket to position the camera for optimal viewing. Tighten the screws once the desired angle is achieved.

3. Power and Network Connection

The HC35WB5R3 camera supports wired connectivity. Ensure a stable power source and network connection for optimal performance.

- **Power:** Connect the camera to a suitable power supply (7.5 watts).
- **Network:** Connect an Ethernet cable from your network switch or router to the camera's RJ45 port. The camera supports Wi-Fi connectivity as well, which can be configured after initial wired setup.

4. Initial Configuration

Refer to the Quick Start Guide for detailed instructions on initial network discovery and configuration using Honeywell's software tools. This typically involves assigning an IP address and setting up administrator credentials.

OPERATING INSTRUCTIONS

1. Accessing the Camera

Once configured, the camera can be accessed via a web browser or compatible video management software (VMS) using its assigned IP address. Enter the administrator credentials to log in.

2. Live View and Recording

- **Live View:** The interface will display a live video feed from the camera.
- **Recording:** Configure recording schedules, motion detection triggers, and storage locations within the camera's web interface or VMS. The camera supports 5MP video capture resolution.

3. Motion Detection and Alerts

The camera features motion-only alert types. Configure motion detection zones and sensitivity settings to minimize

false alarms. Alerts can be set to trigger recordings, send email notifications, or activate other integrated security functions.

4. Infrared Night Vision

The integrated Infrared (IR) illuminators provide clear video surveillance in low-light or no-light conditions. The camera automatically switches to night vision mode when ambient light levels drop.

5. Wide Dynamic Range (WDR)

WDR technology helps the camera capture clear images in scenes with both very bright and very dark areas, balancing exposure to reveal details in both extremes.

MAINTENANCE

1. Cleaning the Camera

Regular cleaning ensures optimal image quality and extends the camera's lifespan.

- **Lens:** Gently wipe the lens with a soft, clean, lint-free cloth. For stubborn dirt, use a lens cleaning solution specifically designed for optical surfaces.
- **Housing:** Clean the camera housing with a damp cloth. Avoid abrasive cleaners or solvents.

2. Firmware Updates

Periodically check the Honeywell support website for firmware updates. Keeping your camera's firmware up-to-date ensures access to the latest features, security enhancements, and bug fixes. Follow the instructions provided with the firmware update package carefully.

3. Environmental Considerations

While the camera is rated for indoor/outdoor use, ensure it is not exposed to extreme conditions beyond its operating specifications. Regularly inspect the mounting and cabling for any signs of wear or damage.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Honeywell HC35WB5R3 camera.

Problem	Possible Cause	Solution
No video feed	Power loss, network disconnection, incorrect IP address.	Check power supply and network cable. Verify camera's IP address and network settings. Restart the camera.
Poor image quality	Dirty lens, improper focus, insufficient lighting, network bandwidth issues.	Clean the lens. Adjust camera position or add supplementary lighting. Check network bandwidth.
Motion detection not working	Incorrect sensitivity settings, motion zones not configured, firmware issue.	Review motion detection settings in the camera's interface. Ensure motion zones are correctly defined. Update firmware if available.

Problem	Possible Cause	Solution
Cannot access camera via Wi-Fi	Incorrect Wi-Fi credentials, out of range, Wi-Fi module disabled.	Verify Wi-Fi network name (SSID) and password. Ensure camera is within Wi-Fi range. Check Wi-Fi settings in the camera's interface.

If the problem persists after attempting these solutions, please contact Honeywell technical support.

SPECIFICATIONS

Feature	Detail
Brand	Honeywell
Model Name	HC35WB5R3
Part Number	HC35WB5R3
Indoor/Outdoor Usage	Indoor, Outdoor
Connectivity Protocol	Wi-Fi
Mounting Type	Ceiling Mount, Wall Mount
Video Capture Resolution	5 MP
Effective Still Resolution	5 MP
Color	Multicolor
Number of Items	1
Included Components	Camera
Number of Channels	4
Wireless Communication Technology	Wi-Fi
Form Factor	Bullet
Wattage	7.5 watts
Alert Type	Motion Only
Video Capture Format	MPEG H
Item Weight	4 pounds
Special Features	Infrared Night Vision
UPC	085267981200
First Available Date	August 19, 2023

WARRANTY INFORMATION

Honeywell products are manufactured to high-quality standards. For specific warranty terms and conditions applicable to your HC35WB5R3 camera, please refer to the warranty card included with your product or visit the official Honeywell security products website. Keep your proof of purchase for warranty claims.

SUPPORT

For technical assistance, product inquiries, or further support, please visit the official Honeywell support website or contact their customer service department. You can also find additional resources and FAQs on the [Honeywell Store on Amazon](#).

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