

## HANWHA QNO-8010R

# HANWHA QNO-8010R 5MP IP Camera User Manual

Model: QNO-8010R

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of the HANWHA QNO-8010R 5MP IP Camera. The QNO-8010R is a high-performance surveillance camera featuring a 5-megapixel resolution, a built-in 2.8mm fixed lens, IP66 weatherproof rating, and RJ45 Ethernet connectivity, with Wi-Fi capabilities for flexible deployment. Please read this manual thoroughly before using the product to ensure correct and safe operation.

## 2. PRODUCT OVERVIEW

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### 2.1. Package Contents

Verify that all components are present in the package:

- HANWHA QNO-8010R Camera Body
- Battery Pack (*Note: This component is typically for specific wireless models. For wired IP cameras, power is usually supplied via PoE or a 12V DC adapter, which may be sold separately.*)
- Mounting Hardware (screws, anchors - typically included)
- Quick Start Guide (typically included)

### 2.2. Camera Components



**Figure 2.2.1:** Front view of the HANWHA QNO-8010R 5MP IP Camera, highlighting the main lens and integrated sun shield.



**Figure 2.2.2:** Side view of the HANWHA QNO-8010R 5MP IP Camera, illustrating the adjustable mounting bracket for wall installation.



**Figure 2.2.3:** Extended side view of the HANWHA QNO-8010R 5MP IP Camera, detailing the camera body and connection interface.

## 3. SETUP AND INSTALLATION

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### 3.1. Mounting the Camera

The HANWHA QNO-8010R is designed for wall mount installation. Ensure the mounting surface is strong enough to support the camera's weight.

1. Choose a suitable location for optimal surveillance coverage, considering power and network cable access.
2. Use the provided mounting template (if applicable) to mark drill holes on the wall.
3. Drill pilot holes and insert wall anchors if necessary.
4. Secure the camera's mounting bracket to the wall using the supplied screws.
5. Adjust the camera's angle for the desired field of view.

### 3.2. Power and Network Connection

The camera supports Power over Ethernet (PoE) or a 12V DC power supply.

- **Ethernet Connection (RJ45):** Connect an Ethernet cable from your network switch (preferably PoE-enabled) to the camera's RJ45 port. If using a non-PoE switch, ensure a 12V DC power adapter is connected to the camera.
- **Wi-Fi Connection:** If your model supports Wi-Fi, refer to the camera's web interface for wireless setup after initial wired connection.
- Ensure all connections are secure and weatherproofed, especially for outdoor installations.

### 3.3. Initial Configuration

1. Once powered and connected to the network, the camera will obtain an IP address (usually via DHCP).
2. Use the manufacturer's IP discovery tool or your network router to find the camera's IP address.
3. Open a web browser and enter the camera's IP address to access its web interface.
4. Log in using the default credentials (refer to the Quick Start Guide or manufacturer's website for default username/password). *It is highly recommended to change the default password immediately for security.*
5. Follow the on-screen prompts to set up basic network settings, date/time, and video parameters.

## 4. OPERATION

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### 4.1. Live View and Recording

Access the camera's web interface or a compatible Network Video Recorder (NVR) / Video Management Software (VMS) to view live video feeds and manage recordings.

- The camera provides 5MP resolution video at 30 frames per second (fps) with MPEG-4 video compression.
- Configure recording schedules, motion detection zones, and storage locations (e.g., NVR, NAS, cloud service) through the camera's settings.

## 4.2. Advanced Features

- **Night Color Technology:** The camera is equipped with low light technology to enhance image clarity in challenging lighting conditions.
- **Motion Detection:** Configure motion detection settings to trigger alerts or recordings only when movement is detected within specified areas.
- **Remote Access:** Set up port forwarding or use P2P/cloud services (if supported) to access your camera remotely via a mobile app or web browser.

## 5. MAINTENANCE

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### 5.1. Cleaning

Regular cleaning helps maintain optimal image quality.

- Gently wipe the camera lens and housing with a soft, damp cloth.
- Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the camera's finish or lens coating.
- For outdoor cameras, periodically check for debris, dust, or spiderwebs that may obstruct the view.

### 5.2. Firmware Updates

Periodically check the HANWHA official website for firmware updates. Firmware updates can improve performance, add new features, and enhance security.

- Download the latest firmware for your specific model (QNO-8010R).
- Follow the instructions provided with the firmware update package for safe installation.
- *Always back up your camera's configuration settings before performing a firmware update.*

## 6. TROUBLESHOOTING

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This section addresses common issues you might encounter with your HANWHA QNO-8010R camera.

### 6.1. No Power / Camera Not Turning On

- Verify that the power source (PoE switch or 12V DC adapter) is functioning correctly and connected securely to the camera.
- If using PoE, ensure your network switch supports PoE and the port is active.
- Check for any visible damage to the power cable or camera port.

### 6.2. No Video / Cannot Access Camera

- Ensure the Ethernet cable is properly connected to both the camera and the network.
- Confirm the camera has a valid IP address and is on the same network segment as your viewing device.
- Try pinging the camera's IP address from your computer.
- If accessing via Wi-Fi, ensure the camera is connected to the correct wireless network and signal strength is adequate.
- Reset the camera to factory defaults (refer to the Quick Start Guide for instructions) and reconfigure.

### 6.3. Poor Image Quality

- Clean the camera lens for any smudges or dirt.
- Check lighting conditions. Ensure there are no strong backlights or reflections directly into the lens.
- Adjust video settings (brightness, contrast, sharpness) in the camera's web interface.
- Ensure the camera's firmware is up to date.

## 7. SPECIFICATIONS

| Feature                | Detail                              |
|------------------------|-------------------------------------|
| Model                  | QNO-8010R                           |
| Brand                  | HANWHA                              |
| Video Resolution       | 5 MP (2560 x 1920)                  |
| Lens                   | 2.8mm Fixed Lens                    |
| Frame Rate             | 30 fps                              |
| Video Compression      | MPEG-4                              |
| Low Light Technology   | Night Color                         |
| Alert Type             | Motion Only                         |
| Connectivity           | RJ45 Ethernet, Wi-Fi                |
| Power Source           | 12V DC or Power over Ethernet (PoE) |
| Ingress Protection     | IP66 Weatherproof                   |
| Mounting Type          | Wall Mount                          |
| Dimensions (L x W x H) | 10 x 2 x 2.7 inches                 |
| Item Weight            | 1.5 pounds                          |
| UPC                    | 745559956179                        |

## 8. WARRANTY AND SUPPORT

### 8.1. Product Warranty

HANWHA products typically come with a limited manufacturer's warranty. Please refer to the warranty card included with your product or visit the official HANWHA website for detailed warranty terms and conditions specific to the QNO-8010R model. Keep your proof of purchase for warranty claims.

### 8.2. Technical Support

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact HANWHA customer support. Contact information can typically be found on the official HANWHA website or in the product packaging.

- **Online Resources:** Visit the HANWHA support portal for FAQs, drivers, and software downloads.
- **Contact Information:** Refer to your regional HANWHA website for phone numbers or email support.

