

## HANWHA QND-6020R

# Hanwha Techwin Wisenet QND-6020R Network Camera Instruction Manual

## 1. INTRODUCTION

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Thank you for choosing the Hanwha Techwin Wisenet QND-6020R 2 Megapixel Network Camera. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new surveillance camera. Please read this manual thoroughly before using the product and retain it for future reference.

## 2. SAFETY INFORMATION

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Observe the following safety precautions to prevent injury or damage to the product:

- **Power Source:** Use only the specified power adapter (AC/DC) for this device. Incorrect voltage can cause fire or electric shock.
- **Installation:** Ensure the camera is securely mounted to prevent it from falling. Wall mounting is recommended.
- **Water and Moisture:** This camera has an IP65 waterproof rating, meaning it is protected against dust and low-pressure water jets. However, avoid submerging the camera in water or exposing it to high-pressure water.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Operating Temperature:** Do not operate the camera outside its specified temperature range.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- Hanwha Techwin Wisenet QND-6020R Network Camera
- Mounting Screws and Anchors
- Installation Guide
- Power Adapter (AC/DC)

## 4. PRODUCT OVERVIEW

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The Hanwha Techwin Wisenet QND-6020R is a 2-megapixel network dome camera designed for reliable surveillance. It features advanced video compression (H.264, H.265, Motion JPEG), 1080p video capture, and a 3.60 mm lens. Key features include night vision up to 65.62 ft and motion detection capabilities.



**Figure 4.1:** Front view of the Hanwha Techwin Wisenet QND-6020R 2 Megapixel Network Dome Camera. This image shows the compact dome design, suitable for discreet surveillance installations. The camera features a dark housing and a clear dome covering the lens, indicating its robust construction for various environments.

## 5. SETUP

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### 5.1 Mounting the Camera

1. **Select a Location:** Choose a suitable wall location for optimal surveillance coverage. Ensure the surface is strong enough to support the camera.
2. **Drill Holes:** Use the provided mounting template (if applicable) to mark and drill pilot holes for the mounting screws.

3. **Secure the Mount:** Attach the camera's mounting base to the wall using the screws and anchors.
4. **Adjust Angle:** Once mounted, adjust the camera's viewing angle as needed.

## 5.2 Power and Network Connection

1. **Power Connection:** Connect the supplied AC/DC power adapter to the camera's power input port and then to a power outlet.
2. **Network Connection (Wired):** For a wired connection, connect an Ethernet cable from the camera's network port to your network router or switch.
3. **Network Connection (Wi-Fi):** For Wi-Fi connectivity, refer to the camera's initial setup wizard or the dedicated network configuration section in the full digital manual for pairing instructions. The camera supports Wi-Fi connectivity.

## 5.3 Initial Configuration

After connecting power and network, the camera will boot up. Access the camera's web interface via a browser using its IP address (refer to your network's DHCP client list or use the manufacturer's discovery tool). Follow the on-screen prompts to set up administrator credentials, network settings, and initial video configurations.

# 6. OPERATING INSTRUCTIONS

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## 6.1 Live View and Recording

Access the camera's live view through its web interface or a compatible network video recorder (NVR) / surveillance software. Configure recording schedules, motion-triggered recording, and continuous recording settings as desired. Video is captured at 1080p resolution in MP4 format.

## 6.2 Motion Detection

The camera features a motion sensor. Configure motion detection zones and sensitivity settings within the camera's web interface. You can set up alerts (e.g., email notifications) to be triggered upon motion detection.

## 6.3 Night Vision

The QND-6020R is equipped with night vision capabilities, providing clear images in low-light conditions up to 65.62 ft. The camera automatically switches between day and night modes based on ambient light levels. Night vision is in color.

# 7. MAINTENANCE

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## 7.1 Cleaning

Regularly clean the camera's lens and housing with a soft, dry cloth to ensure optimal image quality. Avoid using harsh chemicals or abrasive materials.

## 7.2 Firmware Updates

Periodically check the Hanwha Techwin website for firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance, security, and access to new features.

# 8. TROUBLESHOOTING

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- **No Power:** Ensure the power adapter is securely connected to both the camera and a working power outlet. Verify the outlet has power.
- **No Video/Offline:** Check network cable connections (if wired) or Wi-Fi signal strength (if wireless). Verify the camera's IP address and network settings. Restart the camera and your network router.
- **Poor Image Quality:** Clean the camera lens. Ensure there are no obstructions in the camera's field of view. Check lighting conditions.
- **Motion Detection Not Working:** Review motion detection zone settings and sensitivity in the camera's web interface. Ensure the feature is enabled.
- **Cannot Access Web Interface:** Verify the camera's IP address. Ensure your computer is on the same network segment as the camera. Try a different web browser.

## 9. SPECIFICATIONS

Feature	Description
Model Number	QND-6020R
Brand	HANWHA
Recommended Uses	Surveillance
Special Features	Motion Sensor, Night Vision
Power Source	AC/DC
Connectivity Protocol	Wi-Fi
Controller Type	H.264
Mount Type	Wall Mount
Alert Type	Motion Only
Waterproof Rating	IP65
Wireless Technology	Wi-Fi
Photo Sensor Technology	CMOS
Video Capture Resolution	1080p
Video Capture Format	MP4
Night Vision	Night Color
Manufacturer	Hanwha Group

## 10. WARRANTY AND SUPPORT

This Hanwha Techwin product is covered by a manufacturer's warranty provided by Hanwha Group. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official

Hanwha Techwin website. For technical support, troubleshooting assistance, or service inquiries, please contact Hanwha Techwin customer support through their official channels.