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## HIKVISION DS-7608NI-Q1

# Hikvision DS-7608NI-Q1 8-Channel NVR User Manual

Network Video Recorder for IP CCTV Cameras

## 1. INTRODUCTION

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The Hikvision DS-7608NI-Q1 is an 8-channel Network Video Recorder (NVR) designed for high-performance IP surveillance systems. This NVR supports up to 8 IP camera inputs and can record at resolutions up to 4K (8MP), ensuring clear and detailed video capture. It serves as a central hub for managing and storing video footage from connected IP cameras, suitable for various security applications in homes, offices, or retail environments.

## 2. PACKAGE CONTENTS

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Verify that all items are present in your package. If any items are missing or damaged, contact your supplier immediately.

- Hikvision DS-7608NI-Q1 NVR Unit
- Power Adapter
- USB Mouse
- Screws for HDD Installation
- SATA Data Cable
- Quick Start Guide

## 3. PRODUCT OVERVIEW

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The DS-7608NI-Q1 NVR features a compact design with essential ports and indicators for easy setup and operation.



Figure 3.1: Front view of the Hikvision DS-7608NI-Q1 NVR, showing its sleek design and front panel.



Figure 3.2: Detailed view of the NVR's front panel, including Power, Status, and Tx/Rx indicators, along with a USB port for peripheral connections.

### Front Panel Indicators:

- **POWER:** Indicates the power status of the NVR.
- **STATUS:** Indicates the operational status, such as recording or system errors.
- **Tx/Rx:** Indicates network activity (transmitting/receiving data).

### Rear Panel Ports:

The rear panel typically includes:

- Power Input
- HDMI Output
- VGA Output
- LAN Port (Ethernet)
- USB Ports (for mouse, external storage)
- Audio Input/Output (if applicable)

## 4. SETUP

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Follow these steps to set up your Hikvision DS-7608NI-Q1 NVR.

### 4.1 Hardware Installation

#### 1. Install Hard Disk Drive (HDD):

- Unscrew the cover of the NVR.
- Connect the SATA data and power cables to the HDD.
- Secure the HDD to the NVR chassis using the provided screws.

- Replace and secure the NVR cover.

## 2. Connect Peripherals:

- Connect a monitor to the HDMI or VGA output port.
- Connect the included USB mouse to a USB port.
- Connect the NVR to your network router/switch using an Ethernet cable.

3. **Power On:** Connect the power adapter to the NVR and then to a power outlet. The NVR will power on automatically.

## 4.2 Initial Configuration

1. **First-Time Wizard:** Upon first boot, the NVR will guide you through a setup wizard.
2. **Set Password:** Create a strong password for the admin account.
3. **Network Settings:** Configure network settings (DHCP or Static IP). Ensure the NVR is connected to the internet for remote access and updates.
4. **HDD Initialization:** Format the installed HDD for recording.
5. **Add IP Cameras:**
  - The NVR will automatically search for Hikvision IP cameras on the local network.
  - For third-party cameras, manually add them using their IP address and credentials (ensure they support ONVIF protocol).
6. **Time and Date:** Set the correct system time and date.

## 5. OPERATING INSTRUCTIONS

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This section covers basic operations of your NVR.

### 5.1 Live View

After logging in, the NVR will display the live view of connected cameras. You can switch between single-camera view and multi-camera grid views.

### 5.2 Recording

- **Continuous Recording:** Records video continuously.
- **Motion Detection Recording:** Records only when motion is detected in the camera's field of view.
- **Scheduled Recording:** Configures recording based on a specific schedule.

Access the **Configuration > Record > Schedule** menu to set up recording parameters for each camera.

### 5.3 Playback

To review recorded footage:

1. From the main menu, select **Playback**.
2. Choose the camera(s) and the date/time range you wish to review.
3. Use the timeline to navigate through recordings.

### 5.4 Remote Access

To access your NVR remotely via a mobile app (e.g., Hik-Connect) or client software:

1. Ensure the NVR is connected to the internet.
2. Enable the Hik-Connect service or configure port forwarding on your router.
3. Download and install the Hik-Connect app on your smartphone or the client software on your PC.
4. Add your NVR to the app/software using its serial number or IP address.

## 6. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your NVR system.

- **Clean the Device:** Periodically clean the NVR's exterior with a soft, dry cloth. Ensure ventilation openings are free from dust.
- **Firmware Updates:** Check the Hikvision official website for the latest firmware updates. Updating firmware can improve performance, add features, and fix bugs. Follow the update instructions carefully.
- **HDD Health Check:** Regularly check the health status of your hard disk drive through the NVR's system menu to prevent data loss.
- **Backup Important Footage:** For critical events, export and back up footage to external storage devices.
- **Password Security:** Change your NVR's password periodically to maintain security.

## 7. TROUBLESHOOTING

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This section addresses common issues you might encounter.

- **No Video Output on Monitor:**
  - Check HDMI/VGA cable connections.
  - Ensure the monitor is powered on and set to the correct input source.
  - Try a different cable or monitor.
- **Cameras Not Displaying:**
  - Verify that IP cameras are powered on and connected to the network.
  - Check network cables and connections.
  - Ensure cameras are properly added and authenticated in the NVR's camera management settings.
  - Confirm camera IP addresses are within the NVR's network range.
- **No Recording:**
  - Check if an HDD is installed and properly initialized/formatted.
  - Verify recording schedules are configured correctly.
  - Ensure there is sufficient free space on the HDD.
- **Remote Access Not Working:**
  - Confirm the NVR has internet access.
  - Check Hik-Connect service status or port forwarding settings on your router.
  - Ensure correct NVR credentials are used in the mobile app/client software.
- **System Freezing/Lagging:**
  - Restart the NVR.
  - Ensure the NVR is in a well-ventilated area to prevent overheating.

- Check for the latest firmware updates.

## 8. SPECIFICATIONS

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Key technical specifications for the Hikvision DS-7608NI-Q1 NVR.

Feature	Specification
Model Number	DS-7608NI-Q1
Brand	HIKVISION
Number of Channels	8
Video Capture Resolution	Up to 8MP (4K)
Connectivity Technology	Wired (Ethernet)
Connectivity Protocol	ONVIF
Power Source	AC (12 Volts)
Indoor/Outdoor Usage	Indoor
Recommended Uses	Home Security, Night Vision, Surveillance
Video Capture Format	AVI
Item Dimensions	20 x 12 x 12 Centimeters
Item Weight	1000 Grams
Built-In Media	Power Adapter

## 9. WARRANTY AND SUPPORT

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This Hikvision NVR comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Hikvision website for detailed warranty terms and conditions specific to your region. For technical support, product inquiries, or service requests, please contact your authorized Hikvision dealer or visit the Hikvision support portal. Keep your product's model number (DS-7608NI-Q1) and serial number readily available when seeking support.