Hikvision DS-7608NI-I2/8P-2TB

Hikvision DS-7608NI-I2/8P-2TB 8-Channel 4K NVR User Manual

Model: DS-7608NI-I2/8P-2TB

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Hikvision DS-7608NI-I2/8P-2TB Network Video Recorder (NVR). This 8-channel NVR supports 4K resolution, H.264+/H.264/H.265 video compression, and up to 12MP resolution cameras. It includes a pre-installed 2TB hard disk drive and features HDMI output and 2-SATA interfaces for storage expansion. Please read this manual thoroughly before using the product to ensure proper and safe operation.

2. Product Overview

The Hikvision DS-7608NI-I2/8P-2TB is an embedded Plug and Play 4K NVR designed for professional surveillance applications. It offers robust performance and features for recording and managing video streams from IP cameras.



Figure 2.1: Front view of the Hikvision DS-7608NI-I2/8P-2TB NVR, showing the power indicator, status lights, and a front USB port.

Key Features:

- 8-Channel IP video input
- Supports up to 12MP resolution recording
- H.265+/H.265/H.264+/H.264 video compression
- HDMI output for high-definition display
- 2 SATA interfaces for HDD connection (2TB HDD pre-installed)
- Plug & Play with 8 independent PoE network interfaces

3. Setup

Follow these steps to set up your NVR:

1. **Unpack and Inspect:** Carefully remove the NVR from its packaging. Verify that all components are present and undamaged.
2. **Connect Monitor:** Connect a monitor to the NVR's HDMI or VGA output port using an appropriate cable.
3. **Connect Mouse:** Plug the included USB mouse into a USB port on the NVR (front or rear).
4. **Connect Network:** Connect the NVR to your local network using an Ethernet cable. Ensure the network is active and has internet access if remote viewing is desired.
5. **Connect IP Cameras:** Connect your IP cameras to the NVR's PoE ports. The NVR will automatically detect and power the cameras.
6. **Power On:** Connect the power adapter to the NVR's power input and then plug it into a power outlet. The NVR will start automatically.
7. **Initial Configuration:** Upon first boot, the NVR will guide you through a setup wizard to configure basic settings such as language, date/time, network, and password.

4. Operating the NVR

Once the NVR is set up, you can begin monitoring and managing your surveillance system.

Basic Operations:

- **Live View:** Access the live view interface to see real-time video feeds from all connected cameras. Use the mouse to navigate between cameras and view options.
- **Recording:** The NVR is configured to record continuously by default. You can adjust recording schedules and modes (e.g., motion detection, alarm recording) through the configuration menu.
- **Playback:** Use the playback function to review recorded footage. You can search by date, time, event, or camera.
- **Backup:** Export recorded video clips to a USB drive or network storage for backup purposes.
- **Remote Access:** Configure network settings and use Hik-Connect or other compatible software/apps for remote viewing and management from a computer or mobile device.

5. Maintenance

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

- **Cleaning:** Keep the NVR free from dust. Use a soft, dry cloth to clean the exterior. Do not use liquid cleaners directly on the device.
- **Firmware Updates:** Periodically check the Hikvision official website for firmware updates. Updating firmware can improve performance, add features, and fix bugs. Follow update instructions carefully.
- **Data Backup:** Regularly back up important video footage to external storage to prevent data loss.
- **Hard Drive Health:** Monitor the health of the hard disk drive through the NVR's system information. Replace the HDD if signs of failure appear.
- **Power Cycle:** If the NVR experiences minor issues, a simple power cycle (turning off and on) can often resolve them.

6. Troubleshooting

This section addresses common issues you might encounter with your NVR.

Issue	Possible Cause	Solution
No video output on monitor	Loose HDMI/VGA cable, incorrect monitor input, NVR not powered on.	Check cable connections, ensure monitor is on correct input, verify NVR power.
Cameras not displaying	Camera not powered, network issue, incorrect IP address, camera not activated.	Check PoE connections, verify network connectivity, ensure cameras are activated and configured correctly.
No recording	HDD not initialized, recording schedule not set, HDD full.	Initialize HDD in NVR settings, check recording schedule, manage HDD space or replace HDD.
Remote access not working	Network configuration issues, Hik-Connect not enabled, incorrect port forwarding.	Verify NVR network settings, enable Hik-Connect service, check router port forwarding rules.

7. Specifications

Detailed technical specifications for the Hikvision DS-7608NI-I2/8P-2TB NVR:

Feature	Detail
Model Number	DS-7608NI-I2/8P-2TB
Brand	Hikvision USA
Channels	8-Channel
Video Compression	H.264+/H.264/H.265
Max Resolution	Up to 12MP
Connectivity Technology	HDMI
Compatible Devices	Camera, Television
SATA Interfaces	2-SATA

Feature	Detail
Hard Disk Drive	2TB (pre-installed)
Memory Storage Capacity	2000 GB
Product Dimensions	11.4 x 15 x 1.8 inches
Item Weight	6.6 pounds

8. Warranty and Support

Hikvision products typically come with a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Hikvision website. For technical support, product registration, or service inquiries, please contact Hikvision customer support or your authorized dealer. Keep your purchase receipt and product serial number handy when seeking support.

Online Resources:

- Official Hikvision Website: www.hikvision.com
- Support Portal: Refer to the website for regional support contacts and FAQs.

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