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Hikvision I7608N2TA

Hikvision I7608N2TA 8-Channel NVR Surveillance System User Manual

Model: I7608N2TA

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Hikvision I7608N2TA 8-Channel Network Video Recorder (NVR) surveillance system. This kit includes an 8-channel NVR with Power over Ethernet (PoE) capabilities, 2TB of storage, and six 2MP outdoor dome cameras with 2.8mm lenses, utilizing H.264+ video compression technology. Please read this manual thoroughly before using the product to ensure proper setup and optimal performance.

Product Overview



Image: The Hikvision I7608N2TA surveillance system, featuring one black 8-channel NVR unit and six white 2MP outdoor dome cameras. The NVR has indicator lights for Power, Status, and Tx/Rx. Each dome camera has a visible lens and infrared LEDs.

Package Contents

- 1 x Hikvision 8-Channel NVR (Model: I7608N2TA)
- 6 x Hikvision 2MP Outdoor Dome Cameras (2.8mm Lens)
- Power Adapter for NVR
- USB Mouse
- Ethernet Cable
- Mounting Screws and Plugs for Cameras
- Quick Start Guide

Setup Instructions

1. NVR Installation

1. **Unpack the NVR:** Carefully remove the NVR from its packaging.
2. **Connect Peripherals:**
    - Connect the included USB mouse to a USB port on the NVR.
    - Connect a monitor to the NVR's HDMI or VGA output port.
    - Connect the NVR to your network router using the provided Ethernet cable.
3. **Power On:** Connect the power adapter to the NVR and then plug it into a power outlet. The NVR will start automatically.
4. **Initial Setup Wizard:** Follow the on-screen instructions to set up the NVR, including creating a password, configuring network settings, and initializing the 2TB hard drive.

2. Camera Installation

1. **Select Mounting Location:** Choose a suitable location for each dome camera, ensuring a clear field of view and protection from extreme weather.
2. **Mount the Cameras:**
    - Use the provided mounting template (if applicable) to mark drill holes.
    - Drill pilot holes and insert wall plugs if mounting on masonry.
    - Secure the camera base to the mounting surface using the provided screws.
3. **Connect Cameras to NVR (PoE):** Connect each camera to one of the NVR's PoE ports using an Ethernet cable. The NVR will automatically power the cameras and detect them.
4. **Adjust Camera Angle:** Loosen the adjustment screws on the camera to position the lens for the desired viewing angle. Tighten the screws once adjusted.

Operating Instructions

Live View

After successful setup, the NVR will display the live feed from all connected cameras on the monitor. You can switch between single-camera view, multi-camera grid view, and customize display layouts using the NVR's interface.

Recording

- **Continuous Recording:** The NVR is typically configured for continuous recording by default.
- **Motion Detection Recording:** Configure motion detection zones and sensitivity for each camera through the NVR's menu. Recordings will be triggered only when motion is detected.
- **Scheduled Recording:** Set specific time schedules for recording based on your requirements.

Playback

To review recorded footage:

1. Access the "Playback" menu on the NVR interface.
2. Select the desired camera(s) and date/time range.

3. Use the timeline to navigate through recordings.

Remote Access

For remote viewing via a mobile app or web browser, ensure the NVR is connected to the internet and follow the instructions in the NVR's full user manual for Hik-Connect or similar services. This typically involves enabling P2P (Peer-to-Peer) or port forwarding on your router.

Maintenance

- **Regular Cleaning:** Periodically clean the camera lenses with a soft, dry cloth to ensure clear image quality. Do not use harsh chemicals.
- **Firmware Updates:** Check the Hikvision official website for firmware updates for your NVR and cameras. Keeping firmware updated ensures optimal performance and security.
- **Hard Drive Health:** The NVR's 2TB hard drive is designed for continuous recording. Monitor its health through the NVR's system settings. Consider backing up critical footage periodically.
- **Cable Inspection:** Periodically inspect all cables for wear and tear, especially outdoor camera cables, to prevent signal loss or power issues.

Troubleshooting

Problem	Possible Cause	Solution
No image from camera	• Loose cable connection • No power to camera • Incorrect NVR settings	• Check Ethernet cable connection at both ends. • Ensure PoE port is active and NVR is powered. • Verify camera detection in NVR settings.
NVR not recording	• Hard drive full or faulty • Recording schedule not configured • Motion detection not triggered	• Check hard drive status and capacity. Format if necessary (data loss will occur). • Review and adjust recording schedules. • Adjust motion detection sensitivity or zones.
Cannot access NVR remotely	• NVR not connected to internet • Incorrect network settings • Firewall blocking access	• Verify NVR's network connection. • Check IP address, gateway, and DNS settings. • Ensure necessary ports are forwarded on your router or P2P is enabled.

Specifications

Feature	Detail
Model Number	I7608N2TA
Brand	Hikvision
NVR Channels	8 Channels with PoE

Feature	Detail
Storage Capacity	2 TB (Terabytes)
Camera Type	Outdoor Dome Cameras
Camera Resolution	2 Megapixels (2MP)
Camera Lens	2.8mm
Video Compression	H.264+
Connectivity Technology	Wired (PoE)
Package Dimensions	17.75 x 16.1 x 10.5 inches
Manufacturer	Hikvision Usa
First Available Date	January 19, 2017

Support and Warranty

For technical support, please visit the official Hikvision USA website or contact their customer service. Product warranty information can typically be found on the manufacturer's website or included with your purchase documentation. Please retain your proof of purchase for warranty claims.

Online Resources: For the most up-to-date manuals, software, and support, please visitwww.hikvision.com.

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