

Hanwha Vision ARN-810S (SQ-ARN810S2T)

Hanwha Vision ARN-810S 8-Channel PoE NVR User Manual

Model: ARN-810S (SQ-ARN810S2T)

1. INTRODUCTION

The Hanwha ARN-810S Series 8-Channel PoE NVR is designed to provide seamless surveillance solutions for small to medium-scale security systems. This network video recorder supports up to 8 PoE cameras, simplifying installation and reducing the need for additional power supplies. It is equipped with a 2TB HDD, offering ample storage for high-definition video recordings. This NVR supports a variety of video codecs, including H.265, ensuring efficient compression and storage optimization without compromising video quality. With its user-friendly interface, the ARN-810S provides convenient access to live video feeds and playback from anywhere via a PC or mobile device. Whether for residential or commercial use, the Hanwha ARN-810S delivers reliable, high-performance surveillance, helping you monitor your property with confidence.

2. PRODUCT OVERVIEW

2.1 Key Features

- **8-Channel PoE Support:** Simplifies installation by powering up to 8 PoE cameras, eliminating the need for additional power sources.
- **2TB HDD Storage:** Provides substantial storage capacity for video recordings, ensuring reliable data retention.
- **Efficient Video Compression:** Supports H.265, offering reduced file sizes and optimized storage while maintaining high video quality.
- **Remote Access:** Enables remote monitoring and playback via PC or mobile app, offering convenience and flexibility.
- **User-Friendly Interface:** Easy-to-use interface for seamless operation and management of your surveillance system.
- **Compact and Reliable:** Designed for small to medium-scale security systems, ensuring robust performance in various environments.

2.2 Package Contents

- Video Recorder

2.3 Product Diagram



Figure 1: Front view of the Hanwha Vision ARN-810S NVR, showing the compact black design with a USB port and indicator lights on the left, and ventilation on the right side.

3. SETUP

3.1 Initial Setup

1. **Unpack the NVR:** Carefully remove the NVR and all accessories from the packaging. Inspect for any signs of damage.
2. **Connect Power:** Connect the provided power adapter to the NVR's power input port and then plug it into a suitable power outlet. The NVR will power on automatically.
3. **Connect Monitor (Optional):** For local setup and viewing, connect a monitor to the NVR's HDMI or VGA output port.
4. **Connect Cameras:** Connect your PoE IP cameras to the NVR's PoE ports. The NVR will automatically detect and power the cameras.
5. **Connect to Network:** Connect the NVR's LAN port to your network router or switch using an Ethernet cable. This is required for remote access and network features.
6. **First-Time Configuration:** Follow the on-screen prompts (if a monitor is connected) or use the Hanwha Vision setup tool on a connected PC to complete the initial network and system settings, including setting up an administrator password.

4. OPERATION

4.1 Live View

Once the NVR and cameras are set up, you can view live video feeds. Access the live view through a connected monitor, a web browser on a PC, or the dedicated mobile application. Select the desired camera channels to display their live streams.

4.2 Playback

To review recorded footage, navigate to the playback section of the NVR interface. Select the date and time range, and the specific camera channel you wish to view. Use the timeline and control buttons (play, pause, fast forward, rewind) to navigate through the recordings.

4.3 Remote Access

The Hanwha ARN-810S supports remote access, allowing you to monitor your property from anywhere. Download the official Hanwha Vision mobile app or access the NVR via a web browser on your PC. Ensure your NVR is connected to the internet and properly configured for remote access (e.g., port forwarding or P2P cloud service enabled).

5. MAINTENANCE

- **Regular Cleaning:** Keep the NVR free from dust and debris. Use a soft, dry cloth to clean the exterior. Ensure ventilation openings are not blocked.
- **Firmware Updates:** Periodically check the Hanwha Vision official website for firmware updates. Keeping the firmware updated ensures optimal performance, security, and access to new features.
- **Data Backup:** Regularly back up important video footage to an external storage device (e.g., USB drive) to prevent data loss.
- **Hard Drive Health:** Monitor the health of the internal hard drive through the NVR's system settings. Replace the HDD if any issues are detected.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
NVR does not power on.	Power cable loose; power adapter faulty; power outlet issue.	Check power connections; try a different power outlet; test power adapter.
No video display on monitor.	HDMI/VGA cable loose; incorrect input selected on monitor; NVR display settings.	Ensure cable is secure; select correct input on monitor; restart NVR.
Cameras not detected.	PoE cable issue; camera faulty; network configuration.	Check PoE cable connections; ensure cameras are compatible; restart NVR and cameras.
Cannot access NVR remotely.	Network connection issue; incorrect port forwarding; P2P service not enabled/configured.	Verify NVR has internet access; check router settings for port forwarding; ensure P2P is enabled and connected.
Video playback is choppy.	Network bandwidth; HDD performance; high resolution/bitrate.	Check network speed; verify HDD health; consider lowering camera resolution/bitrate if necessary.

7. SPECIFICATIONS



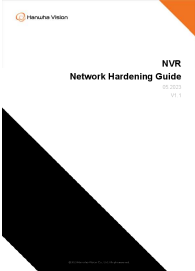
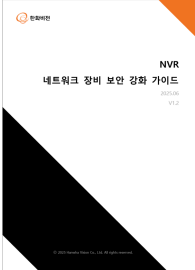
Feature	Detail
Model Number	SQ-ARN810S2T
Channels	8-Channel PoE (Supports up to 16 channels based on product specifications, but primary feature is 8-channel PoE)
Hard Disk Size	2 TB
Video Compression	H.265 supported
Product Dimensions (L x W x H)	11.8" x 11.8" x 1.9" (30cm x 30cm x 4.8cm approx.)

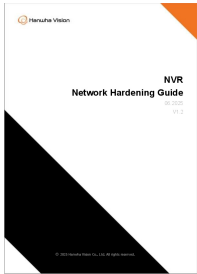
Feature	Detail
Manufacturer	Hanwha Vision
ASIN	B0DQQF2G63

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Hanwha Vision website. You can typically find FAQs, driver downloads, and contact information for customer service there. Keep your purchase receipt as proof of purchase for warranty claims.

Related Documents - ARN-810S (SQ-ARN810S2T)

	Hanwha Vision Network Video Recorder Specification Manual (XRN-6420DB4/B4/3220B4) Explore the comprehensive specifications and operational details for Hanwha Vision Network Video Recorders (NVRs), models XRN-6420DB4, XRN-6420B4, and XRN-3220B4. This manual covers installation, features, connectivity, and safety for professional surveillance solutions.
	Hanwha Vision AI Cameras, NVRs, and Video Security Solutions Product Portfolio Comprehensive product catalog from Hanwha Vision, detailing AI cameras, Network Video Recorders (NVRs), and video security peripherals. Features include advanced analytics, cybersecurity, and detailed technical specifications for various models.
	Hanwha Vision NVR Network Hardening Guide A comprehensive guide from Hanwha Vision detailing how to enhance the security of Network Video Recorders (NVRs) through various hardening techniques and security levels.
	NVR Network Device Security Enhancement Guide - Hanwha Vision A comprehensive guide from Hanwha Vision on enhancing the cybersecurity of NVR network devices, detailing security levels, features, and configuration steps for optimal protection.



[NVR Network Hardening Guide - Hanwha Vision](#)

This guide from Hanwha Vision provides detailed instructions and best practices for network hardening of NVR devices to enhance cybersecurity and protect sensitive data against cyber threats.



[Hanwha Vision TNO-7180RLP Network Camera Quick Start Guide](#)

This quick start guide provides essential information for installing and setting up the Hanwha Vision TNO-7180RLP network camera, including safety precautions, component identification, installation steps, and initial configuration.