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HANWHA XRN-1620SB1

Hanwha XRN-1620SB1 Security System User Manual

Model: XRN-1620SB1

Brand: HANWHA

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of the Hanwha XRN-1620SB1 Network Video Recorder (NVR) security system. The XRN-1620SB1 is designed for reliable video surveillance, offering advanced features for monitoring and recording. Please read this manual thoroughly before using the product to ensure proper setup and optimal performance.

2. SETUP

2.1 Unpacking and Package Contents

Carefully unpack the NVR and verify that all components are present. Retain the packaging materials for future transport or service.

- Hanwha XRN-1620SB1 NVR Unit
- Power Adapter/Cable
- Mouse (USB)
- Quick Start Guide
- Mounting Screws (if applicable)

2.2 Physical Installation

Ensure the NVR is placed on a stable, flat surface in a well-ventilated area, away from direct sunlight, heat sources, and moisture. Maintain adequate space around the unit for proper airflow.

1. **Power Connection:** Connect the provided power adapter to the NVR's power input and then to a suitable electrical outlet. The system is designed for a hardwired power source with battery backup capabilities (battery backup unit sold separately or integrated, refer to specific model documentation).
2. **Network Connection:** Connect an Ethernet cable from the NVR's LAN port to your network router or switch. This system utilizes wired connectivity for stable data transmission.
3. **Monitor Connection (Optional):** If using a local monitor, connect it to the NVR's HDMI or VGA output port.
4. **USB Devices:** Connect the included USB mouse to a USB port on the NVR for local control.

2.3 Initial Configuration

Upon first power-on, the system will guide you through an initial setup wizard. Follow the on-screen prompts to configure basic settings.

- **Password Setup:** Create a strong administrator password. This is crucial for system security.
- **Network Settings:** Confirm network settings (DHCP or static IP). Ensure the NVR has internet access for remote viewing and updates.
- **Date and Time:** Set the correct date, time, and time zone.
- **Camera Registration:** Add and configure your IP cameras to the NVR. Refer to your camera's manual for specific connection details.

3. OPERATING

3.1 Accessing the System

The Hanwha XRN-1620SB1 NVR is primarily controlled via an application (App). Download the official Hanwha security application from your device's app store or the Hanwha website.

1. Install the Hanwha security application on your smartphone or tablet.
2. Launch the application and register an account if required.
3. Add your XRN-1620SB1 NVR to the application using its serial number or QR code, following the in-app instructions.
4. Enter your NVR's administrator credentials when prompted.

3.2 Live View and Monitoring

Once connected, you can view live feeds from your connected cameras through the application.

- Select the desired camera view (single, multi-channel).
- Utilize digital zoom or pan/tilt functions if supported by your cameras.

3.3 Recording and Playback

The NVR continuously records video based on your configured settings. To review recorded footage:

- Navigate to the playback section within the application.
- Select the camera and the date/time range for playback.
- Use the timeline to scrub through footage and identify specific events.
- Options for exporting video clips may be available within the app.

3.4 Motion Detection Alerts

The XRN-1620SB1 supports motion-only alert types. Configure motion detection settings for each camera to receive notifications when movement is detected.

- Access camera settings via the application or NVR interface.
- Enable motion detection and define detection zones and sensitivity levels.
- Configure alert actions, such as push notifications to your mobile device or email alerts.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Hanwha XRN-1620SB1 NVR.

- **Firmware Updates:** Periodically check the Hanwha website or your application for available firmware updates. Install

updates to enhance security, add features, and improve stability.

- **Data Backup:** Regularly back up important recorded footage to external storage devices if required.
- **System Cleaning:** Keep the NVR unit free from dust. Use a soft, dry cloth to clean the exterior. Do not use liquid cleaners directly on the unit. Ensure ventilation openings are not obstructed.
- **Password Management:** Change administrator passwords periodically to maintain security.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your XRN-1620SB1 NVR.

5.1 No Video Display

- **Check Power:** Ensure the NVR is powered on and the power adapter is securely connected.
- **Network Connection:** Verify the Ethernet cable is properly connected and your network is operational.
- **Camera Connection:** Confirm that cameras are properly connected to the NVR and are powered on.
- **App Connection:** Ensure your mobile application is correctly connected to the NVR.

5.2 Cannot Access NVR Remotely

- **Internet Connection:** Verify that both your NVR and the device you are using for remote access have active internet connections.
- **Network Settings:** Check NVR network settings (IP address, gateway, DNS). Ensure port forwarding or P2P services are correctly configured if applicable.
- **App Status:** Ensure the Hanwha security application is up to date and logged in correctly.

5.3 Recording Issues

- **Hard Drive Status:** Check the status of the internal hard drive. Ensure it is properly installed and not full or faulty.
- **Recording Schedule:** Verify that the recording schedule is correctly configured for continuous or motion-triggered recording.
- **Camera Status:** Ensure cameras are online and transmitting video.

6. SPECIFICATIONS

Key technical specifications for the Hanwha XRN-1620SB1 NVR.

Feature	Detail
Product Name	Hanwha XRN-1620SB1
Item Type	Security System (Network Video Recorder)
Brand	HANWHA
Manufacturer	HANWHA TECHWIN AMERICA
Power Source	Hardwired with Battery Backup capability
Connectivity Technology	Wired
Alert Type	Motion Only
Control Method	App
ASIN	B0CG121TP7

Feature	Detail
Date First Available	June 30, 2022

7. WARRANTY AND SUPPORT

Hanwha products are designed for reliability and performance. For specific warranty terms and conditions applicable to your XRN-1620SB1 NVR, please refer to the warranty card included with your product or visit the official Hanwha Techwin America website. For technical support, product inquiries, or service requests, please contact Hanwha Techwin America customer support through their official channels. You can typically find contact information, FAQs, and support resources on their website:

Official Website: www.hanwhasecurity.com

When contacting support, please have your product model (XRN-1620SB1) and serial number ready.

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