

Montavue MNR8080-8

Montavue MNR8080-8 8 Channel 4K NVR User Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Montavue MNR8080-8 8 Channel 4K Network Video Recorder (NVR). The MNR8080-8 is designed to be the central component of your security surveillance system, offering 4K recording capabilities, 8 Power Over Ethernet (PoE) ports, and remote monitoring via the MontavueGO application.

Please read this manual thoroughly before operating the device to ensure proper setup and functionality.

2. SAFETY INFORMATION

- Ensure the NVR is installed in a well-ventilated area to prevent overheating.
- Use only the power supply provided with the device.
- Do not expose the NVR to water or moisture.
- Avoid placing heavy objects on top of the NVR.
- Disconnect power before performing any maintenance or installation procedures.
- Refer all servicing to qualified personnel.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Montavue MNR8080-8 NVR Unit
- Power supply
- Power Cord
- HDMI Cable
- Mouse
- Network Cable

- Box with Serial Number



Image 3.1: The Montavue MNR8080-8 NVR unit with its standard accessories, including the power supply, power cord, HDMI cable, mouse, and network cable.

4. PRODUCT OVERVIEW

4.1 Key Features

- 8 Channel / 8 PoE Ports for up to 4K recording resolution.
- 2TB Pre-installed Hard Drive, expandable up to 10TB.
- H.265 compression for efficient storage.
- MontavueGO remote monitoring application for PC/Mac, Android, and iOS devices.
- ONVIF Profile T/S/G Capable for broad camera compatibility.
- HDMI and VGA video outputs.

4.2 Front and Rear Panels

The Montavue MNR8080-8 NVR features a straightforward design for easy access to ports and indicators.



Image 4.1: A visual representation of the NVR's front panel, typically featuring LED indicators for power, network activity, and hard drive status, along with a USB port for mouse or backup devices.



Image 4.2: An illustration of the NVR's rear panel, highlighting the 8 PoE ports, HDMI and VGA video outputs, LAN port, USB ports, audio input/output, and the DC power input.

5. SETUP

5.1 Physical Installation

1. **Placement:** Position the NVR on a flat, stable surface in a cool, dry, and well-ventilated area. Ensure adequate space around the unit for airflow.
2. **Connect Monitor:** Connect a monitor to the NVR's HDMI or VGA output port using the provided HDMI cable or a compatible VGA cable.
3. **Connect Mouse:** Plug the included USB mouse into one of the NVR's USB ports.
4. **Connect Network:** Connect the NVR to your local network router or switch using the provided network cable. This is essential for remote access and network camera communication.
5. **Connect Power:** Connect the power adapter to the NVR's power input and then plug it into a power outlet. The

NVR will power on automatically.

5.2 Camera Connection (PoE)

The MNR8080-8 features 8 Power Over Ethernet (PoE) ports, allowing direct connection and power supply to compatible IP cameras.

1. Connect your PoE IP cameras directly to the NVR's PoE ports using Ethernet cables.
2. The NVR will automatically detect and power the cameras.
3. Once connected, the NVR's interface will guide you through adding and configuring the cameras.

5.3 Initial Configuration Wizard

Upon first boot, the NVR will launch an initial configuration wizard. Follow the on-screen prompts to:

- Set up an administrator password.
- Configure date and time settings.
- Adjust network settings (DHCP is recommended for most users).
- Scan and add connected cameras.

6. OPERATING THE NVR

6.1 Live View

After initial setup, the NVR will display the live view of your connected cameras. Use the mouse to navigate the interface:

- **Right-click:** Access the main menu.
- **Left-click:** Select options or cameras.
- **Double-click:** Enlarge a camera view.

6.2 Recording Settings

Access the main menu, then navigate to **Record > Schedule** to configure recording settings for each camera. Options include continuous recording, motion detection recording, and scheduled recording.

6.3 Playback

From the main menu, select **Playback**. Choose the camera and date to review recorded footage. Use the timeline to navigate through recordings.

6.4 Remote Access (MontavueGO)

The MontavueGO application allows you to monitor your NVR remotely from various devices.

1. Download the MontavueGO app from your device's app store (iOS/Android) or the Montavue website (PC/Mac).
2. Create an account and log in.
3. Add your NVR by scanning the QR code (found in the NVR's network settings) or by manually entering its serial number.
4. Once added, you can view live feeds, play back recordings, and manage NVR settings from your remote device.

7. MAINTENANCE

7.1 Hard Drive Management

The NVR comes with a 2TB pre-installed hard drive. If you require more storage, the system supports expansion up to 10TB.

- **Formatting:** Periodically check the hard drive status in the NVR's storage settings. If issues arise, formatting the drive may be necessary (this will erase all recorded data).
- **Upgrade:** To upgrade the hard drive, power off the NVR, open the casing, and replace the existing drive with a new, compatible SATA hard drive (up to 10TB). Refer to the detailed upgrade guide on the Montavue support website for specific instructions.

7.2 Firmware Updates

Regularly check the Montavue website for firmware updates. Updates can improve performance, add features, and enhance security. Follow the instructions provided with the firmware update package carefully.

7.3 Cleaning

Use a soft, dry cloth to clean the exterior of the NVR. Do not use liquid cleaners or aerosols. Ensure ventilation openings remain clear of dust and debris.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No video output on monitor.	Loose HDMI/VGA cable, incorrect input selected on monitor, NVR not powered on.	Check cable connections. Ensure monitor is set to the correct input source. Verify NVR power.
Cameras not displaying.	Camera not powered, network issue, camera not added/configured.	Check camera power and network cables. Ensure cameras are properly added in NVR settings.
Cannot access NVR remotely.	NVR not connected to internet, incorrect network settings, firewall issues, MontavueGO app not configured.	Verify NVR has internet access. Check network settings (DHCP). Ensure MontavueGO app is correctly set up with NVR serial number.
Hard drive full / not recording.	Hard drive full, recording schedule incorrect, hard drive error.	Check hard drive status and recording schedule. Format hard drive if necessary (data loss). Consider upgrading to a larger hard drive.

9. SPECIFICATIONS

Feature	Detail
Model Number	MNR8080-8
Brand	Montavue
Number of Channels	8

Feature	Detail
PoE Ports	8
Max Recording Resolution	4K (80 Mbps incoming traffic)
Video Compression	H.265
Pre-installed Hard Drive	2TB
Max Hard Drive Capacity	10TB
Video Outputs	HDMI, VGA
Network Connectivity	Ethernet (LAN)
Remote Access	MontavueGO App (PC/Mac, Android, iOS)
Compatible Devices	Camera, Desktop, Smartphone, Tablet
ONVIF Support	Profile T/S/G Capable
GTIN / UPC	810049553326

10. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please visit the official Montavue website or contact their customer service department. Keep your purchase receipt and serial number (found on the device and packaging) handy when contacting support.

Montavue Official Website: www.montavue.com

11. INSTRUCTIONAL VIDEOS

This section would typically contain embedded instructional videos from the manufacturer, such as setup guides, feature demonstrations, or troubleshooting tutorials. As no specific video URLs were provided in the product data, please refer to the official Montavue website or their YouTube channel for relevant video resources.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question