Urmet 1098/308P

Urmet NVR 4K 8CH H.265 POE User Manual

Model: 1098/308P | Brand: Urmet

INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your Urmet 4K 8-channel H.265 POE Network Video Recorder (NVR) model 1098/308P. Please read this manual thoroughly before using the product to ensure proper and safe operation. Keep this manual for future reference.

SAFETY INFORMATION

- **Electrical Safety:** Ensure the NVR is connected to a grounded power outlet. Do not overload power strips or extension cords. Disconnect power before any maintenance or installation.

- **Environment:** Operate the NVR in a well-ventilated area, away from direct sunlight, heat sources, and excessive moisture. Avoid placing heavy objects on the NVR.

- **Handling:** Handle the NVR with care. Avoid dropping or subjecting it to strong vibrations. Do not open the NVR casing unless instructed by qualified personnel.

- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use liquid or aerosol cleaners.

- **Disposal:** Dispose of this product according to local regulations for electronic waste.

PACKAGE CONTENTS

Please check the package contents upon unpacking. If any items are missing or damaged, contact your supplier immediately.

- Urmet NVR Unit (Model 1098/308P)
- Power Adapter
- USB Mouse
- Screws for HDD Installation (if applicable)
- Quick Start Guide / User Manual (this document)
- Network Cable (Ethernet)

PRODUCT OVERVIEW

The Urmet 1098/308P NVR is designed for reliable 4K video recording and management from up to 8 Power over Ethernet (POE) cameras. Its compact design and advanced H.265 compression technology ensure efficient storage and high-quality surveillance.

Figure 1: Front Panel of Urmet NVR 1098/308P. This image displays the front panel of the Urmet NVR, showing the Urmet logo on the left, status indicator lights (PWR, HDD) in the center, and the H.265+ logo on the right. The overall design is a sleek, dark grey rectangular unit.

Front Panel Indicators:

- **PWR (Power) LED:** Indicates the power status of the NVR.
- **HDD (Hard Disk Drive) LED:** Indicates hard disk activity.

Rear Panel Ports:

- **POE Ports (x8):** For connecting POE IP cameras.
- **LAN Port:** For connecting the NVR to your local network/router.
- **HDMI Output:** For connecting to a monitor or TV.
- **VGA Output:** For connecting to a monitor.
- **USB Ports (x2):** For connecting a mouse, USB flash drive for backup, or external HDD.
- **Audio In/Out:** For connecting external audio devices (if supported by model variant).
- **Power Input:** For connecting the power adapter.

SETUP

1. Physical Installation

1. **Hard Drive Installation (if not pre-installed):**
   Unscrew the top cover of the NVR. Connect the SATA data and power cables from the NVR to the hard drive.

Secure the hard drive to the NVR chassis using the provided screws. Replace the top cover.

2. **Connect Cameras:**

Connect your POE IP cameras to the POE ports on the rear panel of the NVR using Ethernet cables. The NVR will provide power and data to the cameras.

3. **Connect Monitor:**

Connect a monitor or TV to the HDMI or VGA output port of the NVR.

4. **Connect Mouse:**

Connect the USB mouse to one of the USB ports on the NVR.

5. **Connect to Network:**

Connect the NVR's LAN port to your router or network switch using an Ethernet cable. This is required for remote access and network features.

6. **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.

2. Initial Configuration

1. **First Boot Wizard:**

Upon first power-on, the NVR will typically display a setup wizard on the connected monitor. Follow the on-screen prompts.

2. **Set Password:**

Create a strong password for the administrator account. This is crucial for security. Do not use default passwords.

3. **Network Settings:**

Configure network settings (DHCP or Static IP). DHCP is recommended for most home networks. Ensure the NVR has internet access for remote viewing features.

4. **Time and Date:**

Set the correct time zone, date, and time. Enable NTP (Network Time Protocol) for automatic synchronization.

5. **Hard Drive Initialization:**

If a new hard drive is installed, the NVR may prompt you to initialize or format it. Follow the instructions to prepare the HDD for recording.

6. **Camera Search and Add:**

The NVR should automatically detect connected POE cameras. If not, use the camera management interface to search for and add cameras manually.

OPERATING

1. Basic Operation

- **Live View:**

After logging in, the NVR will display the live view of all connected cameras. You can switch between single-camera view and multi-camera grid view.

- **Playback:**

Access the playback menu to review recorded footage. Select the date, time, and camera channel to view recordings. Use the timeline to navigate through events.

- **Recording:**

  The NVR supports continuous recording, motion-detection recording, and scheduled recording. Configure recording schedules and motion detection zones in the settings menu.

2. Advanced Features

- **Motion Detection:**

  Set up motion detection areas and sensitivity for each camera. Configure actions upon detection, such as recording, sending email alerts, or triggering alarms.

- **Remote Access:**

  Enable remote access via a mobile app or web browser. This typically requires port forwarding on your router or using a P2P/Cloud service provided by Urmet. Refer to the NVR's network settings for details.

- **Backup:**

  Export recorded video footage to a USB flash drive or external hard drive. Select the desired time range and camera channel for backup.

- **User Management:**

  Create and manage user accounts with different access permissions for the NVR system.

MAINTENANCE

- **Regular Cleaning:**

  Periodically clean the exterior of the NVR with a soft, dry cloth. Ensure ventilation openings are free from dust and obstructions.

- **Firmware Updates:**

  Check the Urmet official website for firmware updates. Updating firmware can improve performance, add features, and fix bugs. Follow update instructions carefully to avoid damaging the device.

- **Hard Drive Health:**

  Monitor the health of your hard drive through the NVR's system settings. Replace the HDD if it shows signs of failure to prevent data loss.

- **Password Security:**

  Change your NVR password regularly and use strong, unique passwords.

TROUBLESHOOTING

Problem	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 LED is on.
Cameras not displaying.	Camera not powered; faulty Ethernet cable; camera not added to NVR; IP address conflict.	Check camera power/POE connection; replace cable; use NVR's camera management to add/re-add cameras; check IP settings.

Problem	Possible Cause	Solution
Cannot access NVR remotely.	Network connection issue; incorrect port forwarding; P2P service not enabled/configured.	Verify NVR has network access; check router's port forwarding rules; ensure P2P/Cloud service is active and configured correctly.
No recording.	Hard drive not installed/initialized; recording schedule not set; HDD full.	Install/initialize HDD; configure recording schedule; check HDD status and enable overwrite if needed.

SPECIFICATIONS

Feature	Detail
Brand	Urmet
Manufacturer	URMET
Model Number	1098/308P
Number of Channels	8
Video Compression	H.265
Resolution Support	4K
POE Support	Yes

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Urmet website. You may also contact your local Urmet distributor or reseller for assistance.
Urmet Official Website: www.urmet.com