

Night Owl DVR-THD50B-81

Night Owl 8-Channel 5MP Extreme HD 5.0 DVR 1TB Instruction Manual

MODEL: DVR-THD50B-81

Brand: Night Owl

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Night Owl 8-Channel 5MP Extreme HD 5.0 DVR 1TB. Please read this manual thoroughly before using the product to ensure optimal performance and safety. This DVR is designed to provide high-definition surveillance, offering 250% more pixels than standard 1080p (2MP) systems for intricate details and precise threat detection.

The DVR is fully compatible with Extreme HD 5MP cameras and is backwards compatible with standard analog, 720p, and 1080p cameras, allowing for flexible system upgrades.



Figure 1: Night Owl 8-Channel 5MP Extreme HD 5.0 DVR

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- Night Owl 8-Channel 5MP Extreme HD 5.0 DVR with 1TB Hard Drive
- Power Adapter for DVR
- USB Mouse
- HDMI Cable
- Ethernet Cable
- Quick Start Guide / User Manual
- Mounting Hardware (screws for hard drive, if applicable)

3. SETUP

3.1 Connecting the DVR

Follow these steps to connect your DVR:

1. **Connect to Monitor:** Connect the DVR to a monitor using the provided HDMI cable. Alternatively, a VGA cable can be used if your monitor supports it.
2. **Connect Power:** Plug the power adapter into the DVR's 12V DC Power Input port, then plug the adapter into a power outlet.
3. **Connect Network:** Connect the DVR to your router using the Ethernet cable for network access and remote viewing capabilities.
4. **Connect Mouse:** Plug the USB mouse into one of the USB ports on the DVR.

Video 1: SANNCE 8-Channel 1080P Wired Security DVR with 1TB Hard Disk - Demonstrates basic connections for a DVR system.

3.2 Connecting Cameras

Your Night Owl DVR supports 8 channels and is compatible with 5MP Extreme HD, AHD, 720p, and 1080p cameras. Connect your cameras to the 'VIDEO IN' BNC ports on the back of the DVR. Ensure each camera is also connected to its power source.

Video 2: How to Hook Up An Analog Cam for ANNKE DVR System - Shows how to connect analog cameras to a DVR.

Video 3: How to connect the poe camera to the hiseeu 4k DVR 8 channel - Demonstrates connecting a PoE camera to a DVR.

4. OPERATING INSTRUCTIONS

4.1 Initial Setup and Menu Navigation

Upon first power-up, the DVR will guide you through an initial setup wizard. This typically includes setting the language, time zone, date format, and creating a secure password. It is crucial to set a strong password for security.

Use the connected USB mouse to navigate the on-screen menus. Right-click to access the main menu and left-click to select options.

Video 4: ANNKE 8 Channel 3K DVR - Full Review & Demo (excerpt) - Shows menu navigation and settings for a DVR.

4.2 Live View and Playback

From the main menu, select 'Live View' to see real-time footage from all connected cameras. You can switch between different camera views (e.g., single camera, 4-camera split, 8-camera split) using the layout options on the screen.

To review recorded footage, select 'Playback' from the main menu. You can navigate through the timeline to find specific events. The DVR records continuously once powered on.

4.3 Remote Access

The Night Owl DVR supports remote viewing and playback via the free Night Owl X / Night Owl X HD Apps. Ensure your DVR is connected to the internet via the Ethernet cable. Follow the instructions in the Quick Start Guide to set up the app on your smart device.

Key features include real-time motion alerts and the ability to view and playback footage directly from your smart device.

5. MAINTENANCE

5.1 Hard Drive Management

Your DVR comes with a 1TB hard drive pre-installed. If you need to replace or upgrade the hard drive, ensure you use a surveillance-grade hard drive for optimal performance and longevity. Refer to the detailed instructions in the full user manual for hard drive installation or replacement.

To format the hard drive, navigate to the 'Storage' section in the DVR's main menu. Select the hard drive and choose the 'Format' option. This will erase all data on the drive.

6. TROUBLESHOOTING

- **No Video Output:** Check all cable connections (HDMI/VGA, power). Ensure the monitor is set to the correct input source. Verify the DVR is powered on.
- **No Camera Display:** Check camera power and BNC connections. Ensure cameras are compatible with the DVR (5MP Extreme HD, AHD, 720p, 1080p).
- **Remote Access Issues:** Verify the DVR is connected to the internet. Check network settings on the DVR and router. Ensure the Night Owl X / Night Owl X HD App is correctly configured.
- **Password Forgotten:** Use the password reset method configured during initial setup (e.g., security questions, email).
- **Poor Video Quality:** Ensure your monitor resolution is set to 1920x1080 (1080p) or higher if supported. Check camera settings for resolution and encoding.

7. SPECIFICATIONS

- **Model Number:** DVR-THD50B-81

- **Channels:** 8
- **Video Resolution:** Up to 5MP (2560 x 1944) Extreme HD
- **Hard Drive:** 1TB Pre-installed
- **Video Inputs:** BNC (8 channels)
- **Video Outputs:** HDMI, VGA
- **USB Ports:** 2
- **Network:** RJ45 Ethernet
- **Power:** 12V DC
- **Dimensions:** 10 x 9.4 x 1.7 inches
- **Item Weight:** 3.45 pounds
- **Compatible Camera Types:** 5MP Extreme HD, AHD, 720p, 1080p

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Night Owl website or the contact details provided in your Quick Start Guide. Night Owl offers 24/7 technical phone support and live chat for assistance with product setup and troubleshooting.