

Night Owl FTD4

Night Owl FTD4 Add-On Wired 2K Deterrence Camera User Manual

Model: CM-FTD4LS-B

INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your Night Owl FTD4 Add-On Wired 2K Deterrence Camera. This camera is designed to enhance your existing Night Owl Flex Protect DVR system by providing 2K resolution video, two-way audio, and active deterrence features.

For optimal performance and safety, please read this manual thoroughly before using the product and retain it for future reference.

PACKAGE CONTENTS

Verify that all items are present in your package:

- One (1) Night Owl FTD4 2K Deterrence Camera
- One (1) 60-foot BNC Cable

Note: A compatible Night Owl Flex Protect DVR is required and sold separately.

SETUP

1. Pre-Installation Considerations

- **Compatibility:** Ensure your existing Night Owl DVR is a compatible Flex Protect model that supports 2-way audio cameras.
- **Location:** Choose a location that provides the desired viewing angle and is within reach of the 60-foot BNC cable to connect to your DVR. The camera is rated for both indoor and outdoor use (IP65 weather-resistant).
- **Power:** The camera receives power and video/audio signal through the single BNC cable from the DVR. Ensure your DVR has available ports and sufficient power.

2. Mounting the Camera

The camera is designed for wall mounting. Specific mounting hardware (screws, anchors) is typically included with the camera or DVR system. Always ensure the mounting surface is secure and can support the camera's weight.

1. Position the camera in the desired location.
2. Mark the screw holes using the camera's base as a template.
3. Drill pilot holes if necessary.
4. Secure the camera to the wall using appropriate screws.
5. Adjust the camera's angle for optimal coverage.



Image 1: Front view of the Night Owl FTD4 2K Deterrence Camera, showing the lens and integrated spotlight. This camera is designed for both indoor and outdoor surveillance.

3. Connecting to the DVR

The FTD4 camera utilizes a single BNC cable for video, audio, and power transmission.

1. Connect one end of the 60-foot BNC cable to the BNC port on the camera.
2. Connect the other end of the BNC cable to an available BNC input port on your compatible Night Owl Flex Protect DVR.
3. Ensure all connections are secure.



Image 2: Side view of the Night Owl FTD4 2K Deterrence Camera, highlighting its compact design and mounting base. The camera connects via a single BNC cable.

Note: While the product specifications mention "Wi-Fi" for Wireless Communication Technology, the primary video/audio/power connection for this camera is wired via BNC. Wi-Fi functionality may pertain to mobile app connectivity or other system features, not direct video transmission from the camera itself.

OPERATING INSTRUCTIONS

1. 2-Way Audio

The FTD4 camera features integrated 2-way audio, allowing you to listen and speak through the camera using the Night Owl mobile application.

- **Listening:** Access the live view of the camera through the Night Owl mobile app. Tap the speaker icon to enable audio monitoring.
- **Speaking:** While in live view, tap and hold the microphone icon to speak through the camera's built-in speaker. Release to stop speaking.

2. Active Deterrence Features

The camera is equipped with active deterrence capabilities to warn off intruders.

- **Built-in Spotlight:** The bright spotlight will automatically activate when motion is detected in low-light conditions. This feature can also be manually controlled via the mobile app.
- **Camera Siren:** A loud siren can be triggered manually from the mobile app or configured to activate automatically upon motion detection.
- **Preset Audio Alerts:** Utilize pre-recorded voice messages to automatically warn individuals when

motion is detected. These can be managed and activated through the Night Owl mobile app.

3. Recording and Video Features

- **2K Resolution:** The camera records video in 2K resolution, providing clear and detailed footage.
- **Full Color Recording:** Enjoy full-color video recording during the day and in environments with ambient light at night.
- **Infrared Night Vision:** In complete darkness, the camera automatically switches to infrared night vision, recording clear black and white video up to 100 feet away.
- **Motion Detection:** The camera is configured for motion-only alerts, triggering recordings and notifications when movement is detected.

MAINTENANCE

1. Cleaning

To ensure clear image quality, periodically clean the camera lens and housing. Use a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the camera's finish or lens.

2. Environmental Considerations

The FTD4 camera is designed to be weather-resistant (IP65 rated) and can operate in temperatures ranging from -4°F to 140°F (-20°C to 60°C). While robust, avoid directing high-pressure water jets directly at the camera. Ensure cables are properly secured and protected from environmental damage.

TROUBLESHOOTING

- **No Video/Audio:**
 - Verify the BNC cable is securely connected at both the camera and the DVR.
 - Ensure the DVR is powered on and functioning correctly.
 - Confirm the camera is connected to a compatible input channel on the DVR.
- **Poor Image Quality:**
 - Clean the camera lens with a soft cloth.
 - Check for obstructions in the camera's field of view.
 - Ensure the camera is properly focused (if applicable, though most modern cameras are fixed focus).
- **Night Vision Not Activating:**
 - Ensure the area around the camera is sufficiently dark for the infrared sensors to activate.
 - Check for any strong light sources directly facing the camera at night, which could prevent IR activation.
- **2-Way Audio Not Working:**
 - Confirm your DVR model supports 2-way audio for this camera.
 - Check microphone and speaker settings within the Night Owl mobile app and DVR interface.
 - Ensure the mobile device's microphone and speaker are functioning.
- **Active Deterrence Features Not Activating:**
 - Verify motion detection settings are correctly configured on your DVR and in the mobile app.
 - Ensure the camera has sufficient power.

- Check the mobile app for manual activation options.

SPECIFICATIONS

Model Number	CM-FTD4LS-B
Video Resolution	2K
Connectivity	Wired (BNC) for Video/Audio/Power
Wireless Communication	Wi-Fi (for app connectivity, not primary video transmission)
Audio	2-Way Audio
Night Vision Range	Up to 100 feet (Infrared)
Special Features	Active Deterrence (Spotlight, Siren, Preset Audio Alerts), Full Color Recording (with ambient light)
Indoor/Outdoor Use	Yes
Weather Resistance	IP65 Rated
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Power Source	110V (via DVR)
Mounting Type	Wall Mount
Included Cable	60' BNC Cable

IMPORTANT SAFETY INFORMATION

- Always follow local electrical codes and safety guidelines during installation.
- Ensure all cables are routed safely to prevent tripping hazards or damage.
- Do not attempt to disassemble or modify the camera, as this will void any warranty and could cause damage or injury.
- Keep the camera and its components away from children.
- This product is designed to meet NDAA and FCC safety standards.

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact Night Owl directly. Warranty terms and conditions may vary and typically require proof of purchase from an authorized reseller.

Note: Purchasing from unauthorized resellers may impact warranty eligibility. Please refer to Night Owl's official website for the most current support and warranty details.

Related Documents - FTD4



Night Owl 2-Way Audio Recorder User's Manual

Comprehensive user manual for the Night Owl 2-Way Audio Recorder, covering initial setup, system configuration, camera installation, and remote access features. Includes detailed instructions for Bluetooth® Wireless Setup and system requirements.



[Night Owl 2-Way Audio Recorder User's Manual - Setup, Configuration, and Operation Guide](#)

Comprehensive user manual for Night Owl 2-Way Audio Recorder systems. Covers initial setup, hardware connection, app configuration, camera installation, system settings, playback, and troubleshooting for FTD2, FTD4, and FTD8 series.



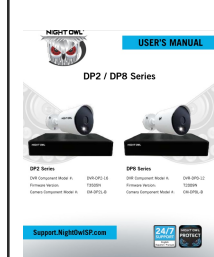
Night Owl Wired DVR Security System Quick Setup Guide

A comprehensive guide to setting up your Night Owl Wired DVR Security System, covering hardware connections, app setup, and troubleshooting.



Night Owl Wired DVR Security System Quick Setup Guide

A comprehensive guide to setting up your Night Owl Wired DVR Security System. This document covers initial hardware connections, Bluetooth wireless setup, manual TV/monitor setup, app configuration, and important information regarding internet connectivity.



Night Owl DP2/DP8 Series Security System User Manual

Comprehensive user manual for Night Owl DP2 and DP8 Series security DVR systems, covering setup, installation, configuration, operation, and troubleshooting.



Night Owl Wired DVR Security System Quick Setup Guide

A comprehensive quick setup guide for the Night Owl Wired DVR Security System, detailing both Bluetooth wireless and manual TV/monitor setup options, app integration, and system configuration.