Night Owl FWR8-64GB-B43L

Night Owl FWR8-64GB-B43L Wi-Fi Security System User Manual

8-Channel Wi-Fi Hub with 3 Battery-Powered 2K HD Indoor/Outdoor Spotlight Cameras

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your Night Owl FWR8-64GB-B43L Wi-Fi Security System. This system includes an 8-channel Wi-Fi Hub and three battery-powered 2K HD cameras, designed for both indoor and outdoor surveillance. Please read this manual thoroughly before using the product to ensure proper setup and functionality.

2. WHAT'S INCLUDED

Carefully unpack the box and ensure all items listed below are present and in good condition. If any items are missing or damaged, contact Night Owl customer support.

| **8** | **3** | **64GB** | **2K** |
| Channels | Cameras | microSD Card | Resolution |

Image: Overview of the Night Owl Wi-Fi Security Hub and three battery-powered cameras.

Wi-Fi NVR (Hub) Components:

- 1 x 8 Channel Wi-Fi Hub with 64GB microSD Card
- 1 x Hub Power Adapter
- 1 x RJ-45 Cable (Ethernet)
- 1 x Support Material Packet

Battery-Powered Wi-Fi Cameras Components:

- 3 x Wire-Free Cameras
- 6 x Rechargeable Batteries (2 per Camera Required)
- 1 x Type-C USB Charging Cable
- 3 x Mounting Hardware and Screw Packets

3. SETUP

Follow these steps to set up your Night Owl Wi-Fi Security System.

3.1. Charge Camera Batteries

Before initial use, fully charge all rechargeable batteries using the provided Type-C USB charging cable. Each camera requires two batteries. A full charge ensures optimal performance and battery life.

Image: Illustration of battery insertion into a camera and expected battery life with 2 or 4 batteries.

3.2. Connect the Wi-Fi Hub

1. Connect the Wi-Fi Hub to a power outlet using the Hub Power Adapter.
2. For initial setup and stable connection, connect the Wi-Fi Hub to your internet router using the RJ-45 Ethernet cable.
3. Wait for the hub to power on and indicate a stable connection (refer to the hub's LED indicators for status).

3.3. Install the Night Owl Protect App

Download the Night Owl Protect App from your smartphone's app store (iOS or Android). Create an account or log in if you already have one.

3.4. Pair Cameras with the Hub

1. Follow the in-app instructions to add your new Wi-Fi Hub to your account.
2. Once the hub is added, the app will guide you through pairing each camera. Ensure cameras are powered on and within range of the hub during pairing.

3.5. Mount Cameras

Select appropriate locations for your cameras, considering coverage area, Wi-Fi signal strength, and power access for charging. Use the provided mounting hardware and screws. The cameras are weather-resistant for outdoor use.

Image: A camera mounted outdoors, illustrating its wireless connection to the Wi-Fi Hub.

4. OPERATING THE SYSTEM

Learn how to use the key features of your Night Owl Security System.

4.1. Live View and Playback

- **Mobile App:** Access live camera feeds and recorded footage directly from the Night Owl Protect App on your

smartphone.

- **HDMI Spot Out:** Connect the Wi-Fi Hub to a TV or monitor via an HDMI cable (not included) to view your cameras on a larger screen.

Image: A smartphone showing the live feed from a Night Owl camera, demonstrating mobile access.

4.2. AI Human and Vehicle Detection

The cameras feature onboard AI for intelligent human and vehicle detection, reducing false alerts from other movements. You will receive precise notifications on your mobile device when relevant activity is detected.

Image: Visual representation of AI detecting a human and a vehicle, alongside a mobile notification.

4.3. 2-Way Audio

Utilize the built-in microphone and speaker on each camera to listen and speak through the Night Owl Protect App. This feature allows for direct communication with individuals near the camera.

4.4. Local Storage

The system includes a 64GB microSD card for local storage of recordings, with no monthly fees. For expanded storage capacity, a compatible 2.5" SATA hard drive (sold separately) can be added to the Wi-Fi Hub.

Free Local Storage
64GB microSD Card Included Or
Hard Drive (Optional) Sold Separately

Image: The Night Owl Hub displaying its microSD card slot and the option for an external 2.5" SATA HDD for expanded storage.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your security system.

5.1. Battery Management

- **Recharging:** Monitor battery levels via the Night Owl Protect App. Recharge batteries promptly when low. Battery life can vary based on usage and environmental factors.
- **Extension:** For extended operation, consider adding two more rechargeable batteries per camera (total of four per camera) to achieve up to 6 months of charge.

5.2. Camera Cleaning

Periodically clean the camera lenses and housing with a soft, damp cloth to remove dust, dirt, or smudges that may affect image clarity. Do not use harsh chemicals.

5.3. Firmware Updates

Ensure your Night Owl Protect App and device firmware are up-to-date. Updates often include performance improvements, new features, and security enhancements. The app will typically notify you of available updates.

6. TROUBLESHOOTING

This section addresses common issues you might encounter.

6.1. Short Battery Life

- **Check Activity:** Frequent motion detection and live view access can drain batteries faster. Adjust motion sensitivity settings if necessary.
- **Temperature:** Extreme cold weather can significantly reduce battery performance.
- **Add More Batteries:** Each camera supports up to four batteries for extended life.

6.2. Delayed Notifications

- **Wi-Fi Signal:** Ensure both the Wi-Fi Hub and cameras have a strong, stable Wi-Fi connection. Weak signals can cause delays.
- **Internet Speed:** A slow internet connection can impact notification delivery.
- **App Settings:** Verify that notification settings are correctly configured in the Night Owl Protect App and your smartphone's operating system.
- **Router Interference:** Ensure your router is not experiencing interference from other devices.

6.3. No Video Feed / Offline Camera

- **Power:** Confirm the camera batteries are charged and correctly inserted.
- **Hub Connection:** Ensure the Wi-Fi Hub is powered on and connected to your network.
- **Wi-Fi Range:** Move the camera closer to the Wi-Fi Hub to improve signal strength.
- **Re-pair:** If issues persist, try removing and re-pairing the camera through the Night Owl Protect App.

7. SPECIFICATIONS

Detailed technical specifications for the Night Owl FWR8-64GB-B43L system.

Feature	Specification
Brand	Night Owl
Model Number	FWR8-64GB-B43L
Video Capture Resolution	2K (4K Ready System)
Connectivity Technology	Wireless (Wi-Fi)
Power Source	Battery Powered (Cameras), AC Adapter (Hub)
Storage Included	64GB microSD Card
Expandable Storage	Yes, via 2.5" SATA Hard Drive (sold separately)
Special Features	2-Way Audio, AI Human/Vehicle Detection, Weather-Resistant Cameras
Compatible Devices	Smartphone (via Night Owl Protect App)
Item Dimensions (Hub)	9.44 x 8.5 x 7.08 inches

Item Weight (Hub)	0.106 ounces (Note: This weight seems incorrect for the hub, likely refers to a component)

8. WARRANTY AND SUPPORT

Night Owl is committed to providing reliable security solutions. While specific warranty details are not provided in this document, general support information is available.

8.1. Data Privacy

Your privacy is a priority. All recordings and data are stored locally to the hub via a secure wireless connection. Night Owl guarantees that your data will never be sold to a third-party.

Image: Visual representation of Night Owl's commitment to property and data privacy.

8.2. Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please visit the official Night Owl website or contact their customer support team. Contact information can typically be found on the Night Owl website or within the Night Owl Protect App.