

[Manuals.plus](#) /

› [Night Owl](#) /

› Night Owl CAM-FWIP4L Wireless 2K HD Deterrence Camera User Manual

## Night Owl CAM-FWIP4L

# Night Owl CAM-FWIP4L Wireless 2K HD Deterrence Camera User Manual

Model: CAM-FWIP4L

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Night Owl Plug-in Wireless 2K HD Indoor/Outdoor Deterrence Camera. Please read this manual thoroughly before using the product to ensure proper setup and functionality.



Image: The Night Owl 2K HD Wireless Deterrence Camera, featuring its sleek design and integrated spotlight.

## WHAT'S IN THE BOX

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Verify that all components are present in the package:

- 1 x Plug-In Wireless Camera
- 1 x 9 ft. Camera Power Adapter
- 1 x Mounting Hardware and Screw Packet

## SETUP

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### 1. Physical Installation

Select a suitable location for your camera, either indoors or outdoors. Ensure the chosen location provides a clear view of the area you wish to monitor and is within range of a power outlet and your Wi-Fi network.

1. **Mounting:** Use the provided mounting hardware and screws to securely attach the camera to a wall or desired surface.
2. **Power Connection:** Connect the 9 ft. camera power adapter to the camera and plug it into a standard electrical outlet.



Image: The camera connected to its power adapter, illustrating its plug-in power source and proximity to a Wi-Fi router for network connection.

## 2. Network Connection and App Setup

Your camera offers flexible setup options:

- **Option 1 (Standalone):** Connect the camera directly to your Wi-Fi network via your router.
- **Option 2 (Ecosystem):** Add the camera to a compatible Night Owl Flex Protect recorder (sold separately) for integrated coverage.

Download the free Night Owl mobile app from your device's app store. Follow the in-app instructions to add your camera to your account and complete the network setup.



\*Router / Recorder Sold Separately

Image: Diagram showing two setup options: standalone Wi-Fi connection or integration with a FlexProtect Ecosystem recorder.

### Wireless Recorder - Camera Compatibility Chart

NIGHT OWL		Wi-Fi Cameras								
Series	BWNIP2 (1080p)	WNIP2 (1080p)	FWIP2 (1080p)	FWIP3 (3MP)	FWIP3 (3MP)	FBWNIP4U (2K)	FWIP4 (2K)	WNIP8 (4K)	FWIP8 (4K)	
<b>Wi-Fi NVR</b> 										
	✓	✓	✓	✗	✗	✗	✓	✗	✗	
	✓	✓	✓	✓	✗	✗	✓	✓	✓	
Camera Model #'s	CAM-BWNIP2LBU-B CAM-BWNIP2LBU-R	CAM-2PK-WNIP2LBU CAM-WNIP2LBU CAM-WNIP2LBU-R WM-CAM-WNIP2LBU	CAM-FWIP2-IN CAM-2PK-FWIP2-IN CL-CAM-2PK-FWIP2IN	CAM-FWIP3PT-IN CL-CAM-2PK-FWIP3PTIN	CAM-FWIP3-FL	CAM-BWNIP4LU-FP CAM-B4LWNU-PP-B CAM-2PK-B4LWNU-PP CAM-2PK-B4LWNU-PP-B	CAM-FWIP4L CAM-2PK-FWIP4L CL-CAM-2PK-FWIP4L	CAM-WNIP8LBU CAM-WNIP8LBU-R WM-CAM-WNIP8LBU CAM-2PK-WNIP8LBU	CAM-FWIP8L CAM-2PK-FWIP8L	

IMPORTANT: the Series can be located on the product support sticker on your recorder or camera

Image: A smartphone displaying the Night Owl mobile app interface, showing real-time alerts and two-way talk functionality.

## OPERATING INSTRUCTIONS

## 1. Live View and Playback

Access the Night Owl mobile app to view live footage from your camera. You can also review recorded events and playback specific moments.

## 2. Two-Way Audio

The camera features two-way audio, allowing you to listen and speak through the camera using the mobile app. This enables communication with individuals near the camera or to deter unwanted visitors.



### Flexible Storage Options

-  **Option 1:**  
microSD Card Recording - No Fees
-  **Option 2:**  
Local Storage to Hard Drive - No Fees

\*microSD Card and Hard Drive (recorder) Sold Separately

Image: Illustration of the two-way audio feature, showing a person at a door and another person interacting via a smartphone app.

## 3. Deterrence Features

The camera is equipped with deterrence capabilities:

- **Built-in Spotlights:** Automatically illuminate dark areas and can be activated to deter intruders.
- **Preset Voice Alerts & Siren:** Utilize the app to trigger a loud siren or play preset voice messages when suspicious activity is detected.

## 4. AI Detection and Alerts

The camera uses AI technology for accurate human and vehicle detection, minimizing false alarms. You will receive immediate alerts on your mobile device when relevant activity is detected.



Image: A scene showing AI detection highlighting a human and a vehicle, with a smartphone displaying a Night Owl alert notification.

## 5. Flexible Storage Options

Recordings can be stored using two methods:

- **Option 1 (MicroSD Card):** Insert a microSD card (sold separately) into the camera for local storage without recurring fees.
- **Option 2 (Recorder):** Connect the camera to a compatible Night Owl recorder (sold separately) to store recordings on its hard drive, also without recurring fees.



## Flexible Setup Options



### Option 1:

Use as a standalone with Wi-Fi connection



### Option 2:

Add to a compatible FlexProtect™ recorder for an ecosystem of coverage

\*Router / Recorder Sold Separately

Image: Diagram illustrating two storage options: microSD card recording and local storage to a hard drive (recorder).

## MAINTENANCE

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To ensure optimal performance and longevity of your camera:

- **Cleaning:** Periodically clean the camera lens with a soft, damp cloth. Avoid abrasive cleaners.
- **Firmware Updates:** Check the Night Owl app regularly for firmware updates to ensure your camera has the latest features and security enhancements.
- **Power Supply:** Ensure the power adapter is securely connected and free from damage.

## TROUBLESHOOTING

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If you encounter issues with your camera, consider the following:

- **No Power:** Verify the power adapter is correctly plugged into both the camera and a working electrical outlet.
- **No Video/Offline:** Check your Wi-Fi connection. Ensure the camera is within range of your router or recorder. Restart the camera by unplugging and re-plugging the power adapter.

- **Poor Image Quality:** Clean the camera lens. Ensure there are no obstructions in the camera's field of view.
- **False Alerts:** Adjust the AI detection sensitivity settings within the Night Owl app.
- **Two-Way Audio Issues:** Check the microphone and speaker settings in the app. Ensure your mobile device's volume is up.

For further assistance, refer to the support section or the Night Owl website.

## SPECIFICATIONS

Feature	Detail
Model Name	CAM-FWIP4L
Brand	Night Owl
Connectivity Technology	Plug-In Wireless (Wi-Fi)
Recommended Uses	Indoor/Outdoor
Video Capture Resolution	2K
Night Vision Range	Up to 100 Feet
Waterproof Rating	IP65
Power Source	Plug In
Special Features	Adjustable, 2-Way Audio, Built-in Spotlights, AI Human/Vehicle Detection
Compatible Devices	Night Owl Flex Protect Recorders, iOS devices
Item Dimensions	5.79 x 3.82 x 6.97 inches
UPC	816522025786



Image: A compatibility chart detailing which Night Owl Wi-Fi cameras are compatible with various Night Owl Wi-Fi NVR series.

## WARRANTY INFORMATION

For detailed warranty information regarding your Night Owl CAM-FWIP4L camera, please refer to the official Night Owl website or the warranty card included with your product. Warranty terms and conditions may vary.

## SUPPORT

If you require technical assistance or have questions not covered in this manual, please visit the official Night Owl support website or contact their customer service. Support resources, including FAQs and troubleshooting guides, are available online.

**Night Owl Support Website:** [www.nightowlproducts.com/support](http://www.nightowlproducts.com/support)

