

Night Owl CAM-2PK-DP2BK

Night Owl 1080p HD Wired Indoor/Outdoor Add-On Cameras (CAM-2PK-DP2BK) Instruction Manual

Model: CAM-2PK-DP2BK

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Night Owl 1080p HD Wired Indoor/Outdoor Add-On Cameras. These cameras are designed to enhance your existing Night Owl security system by providing high-definition video surveillance with advanced features such as Human Detection and Facial Capture. For optimal performance, please read these instructions carefully before installation and use.

1. PACKAGE CONTENTS

Before beginning installation, please verify that all components are present in your package:

- 2 x 1080p Wired Cameras
- 1 x Camera Power Adapter
- 1 x 4-Way Camera Power Splitter
- 2 x 60 ft Video/Power Cables
- Mounting Hardware and Screws



Image 1.1: Included components: two Night Owl cameras and two 60 ft video/power cables.

2. SETUP AND INSTALLATION

2.1 Compatibility Note

These cameras are specifically designed for use with Night Owl VDP2, DP2, and DP8 series recorders. They are not backward compatible with other Night Owl wired products. A compatible Night Owl recorder (sold separately) is required for camera operation and recording.

2.2 Connecting the Cameras

Follow these steps to connect your cameras to a compatible Night Owl Digital Video Recorder (DVR):

1. **Positioning:** Choose a suitable location for each camera. These cameras are weather-resistant and can be used both indoors and outdoors. Consider areas that provide a clear view of the desired surveillance zone.
2. **Cable Connection:** Connect one end of the 60 ft video/power cable to the camera. The cable has two connectors: a BNC connector for video and a power connector.

3. **Power Connection:** Use the 4-way camera power splitter to connect the power ends of the camera cables to the camera power adapter. Plug the camera power adapter into a power outlet.
4. **DVR Connection:** Connect the BNC video ends of the camera cables to the "WIRED CAMERAS" input ports on the back of your Night Owl DVR. Ensure a secure connection for both video and power.
5. **DVR Setup:** Refer to your Night Owl DVR's instruction manual for initial setup, network configuration, and camera detection.



Image 2.1: Connection diagram for Night Owl wired cameras to a DVR. Note: DVR and surge protector are not included.



Image 2.2: The cameras utilize a secure hardwired BNC connection for reliable Closed-Circuit Video Security (CCTV).

3. OPERATING INSTRUCTIONS

3.1 Remote Viewing and Playback

Once your cameras are connected to a compatible Night Owl recorder and the recorder is set up for network access, you can utilize the free Night Owl remote viewing app for iOS and Android Smart Devices. This app allows you to:

- View live camera feeds from anywhere.
- Access recorded footage for playback.
- Receive real-time alerts.

There are no monthly fees for remote viewing. Ensure your recorder is connected to the internet for this feature to function.

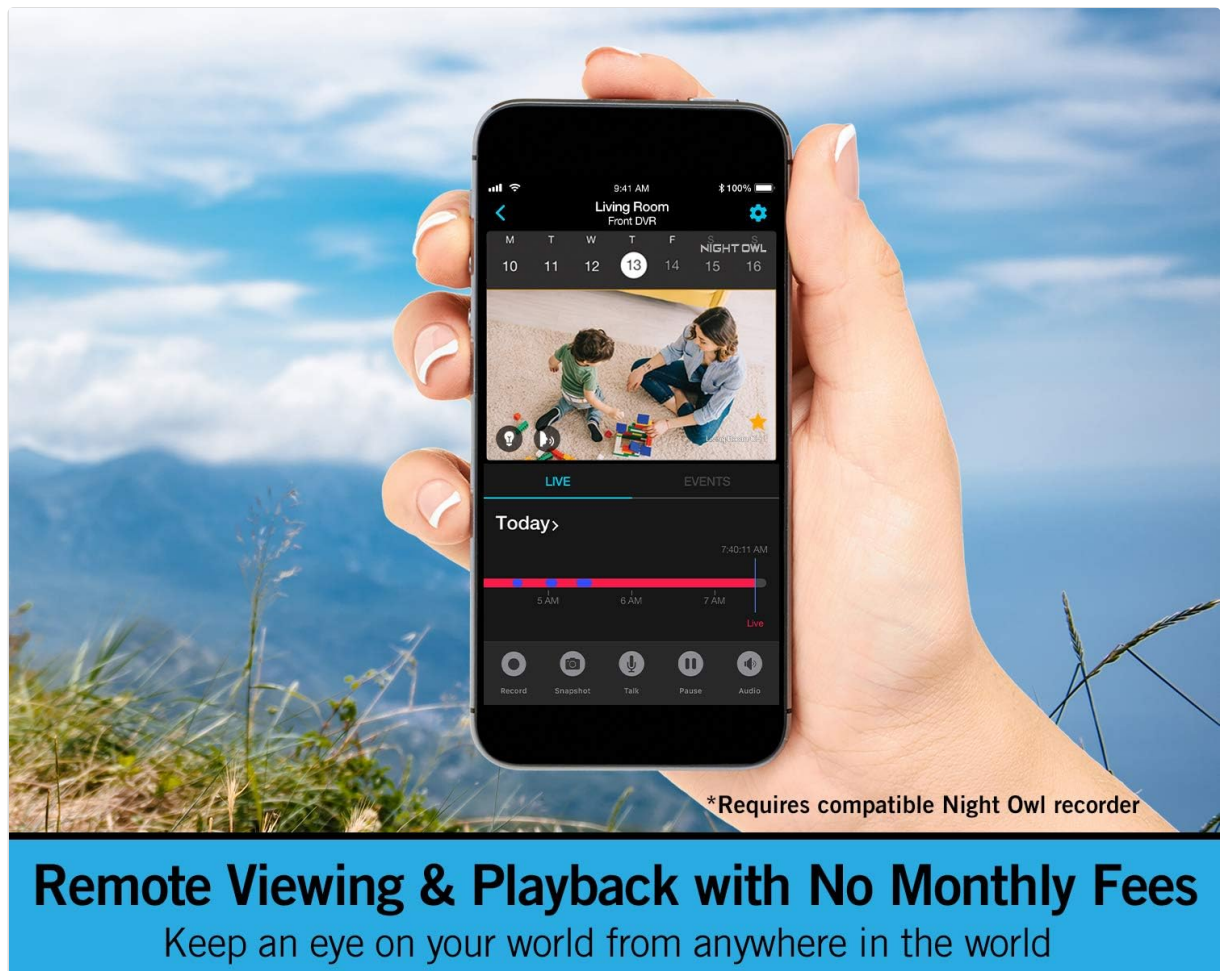
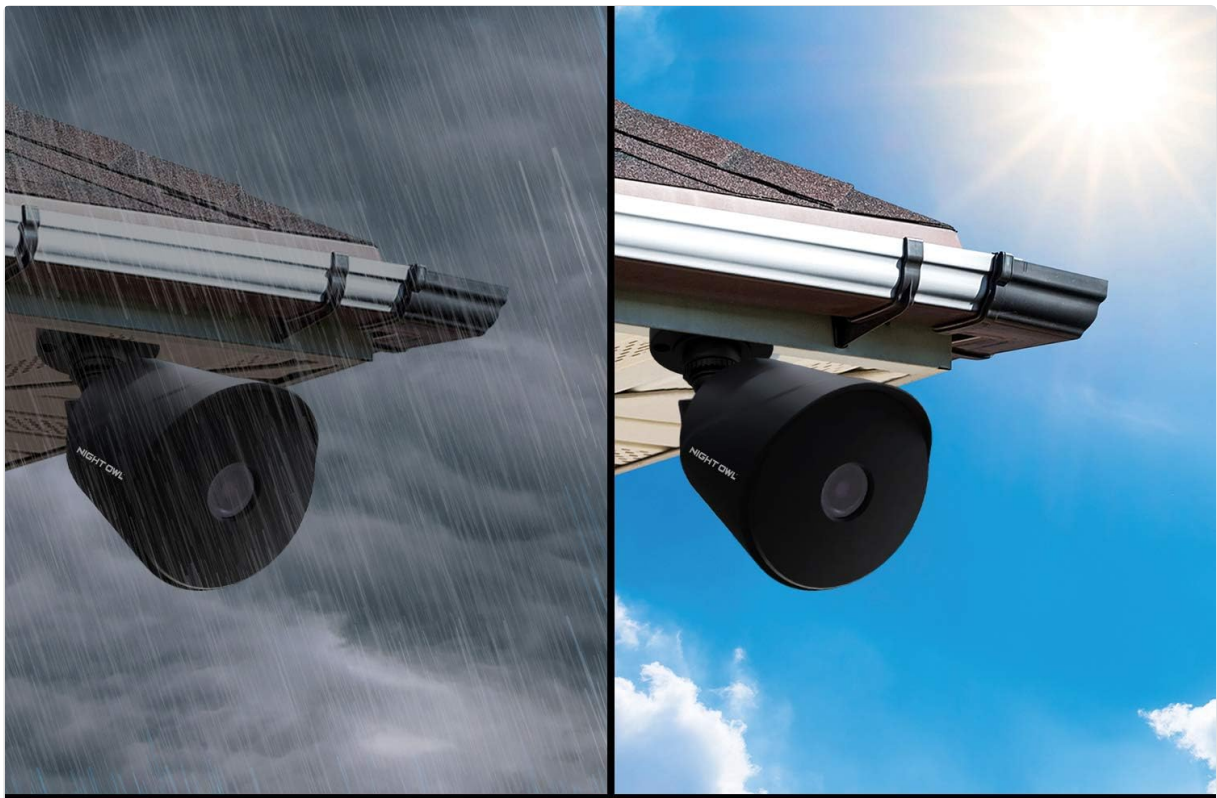


Image 3.1: Remote viewing and playback via the Night Owl app on a smartphone.

3.2 Human Detection and Facial Capture

When used with a compatible Night Owl recorder, these cameras support advanced detection features:

- **Human Detection:** This technology helps reduce false alerts to your smart device by distinguishing human movement from other motion sources.
- **Facial Capture:** Upon detecting a person, the system can capture a snapshot of their face and send a real-time alert to your smart device. This allows you to quickly identify if the person is familiar or unfamiliar.



Weather-Resistant Cameras

Intended for both indoor and / or outdoor use, these cameras are weather-resistant and can withstand moisture, dirt, and debris

Image 3.2: Human Detection with Facial Capture provides real-time alerts and snapshots.

3.3 Night Vision and Color Night Vision

The cameras are equipped with advanced night vision capabilities:

- **Color Night Vision:** In low-light conditions, the cameras can continue to record in full color.
- **Standard Night Vision:** If light levels become too low for color night vision, the cameras automatically switch to infrared night vision, providing clear black and white video up to 100 feet.



Image 3.3: Key features of the Night Owl camera, including Day/Night Vision.

4. MAINTENANCE

4.1 Cleaning the Cameras

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 lens or finish.

4.2 Environmental Considerations

These cameras are weather-resistant (IP54 rated) and designed for both indoor and outdoor use. They can withstand moisture, dirt, and debris. However, for prolonged durability, avoid direct exposure to extreme weather conditions where possible, such as direct water jets or prolonged submersion.

Wired 1080p Indoor / Outdoor Cameras with 100 ft. of Night Vision

*Requires Compatible Night Owl Recorder



BNC Wired
Connection



Human Detection
Technology



Facial
Capture



Day / Night
Vision Ready

Image 4.1: The cameras are weather-resistant for reliable indoor and outdoor performance.

5. TROUBLESHOOTING

If you encounter issues with your Night Owl cameras, consider the following common troubleshooting steps:

- **No Video Feed:**

- Ensure all cables (video and power) are securely connected to both the camera and the DVR.
- Verify the camera power adapter is plugged into a working outlet.
- Confirm the camera is connected to a compatible Night Owl DVR (VDP2, DP2, or DP8 series).
- Check the DVR's settings to ensure the camera channel is enabled and configured correctly.

- **Poor Night Vision:**

- Ensure the camera lens is clean and free from obstructions.
- Check for any nearby reflective surfaces that might interfere with infrared illumination.
- Verify that the camera's night vision settings on the DVR are correctly configured.

- **False Alerts (Human Detection):**

- Adjust the motion detection sensitivity settings on your DVR.

- Ensure the camera's field of view is clear of moving objects like tree branches or flags that could trigger false alerts.

- **Remote Viewing Issues:**

- Confirm your Night Owl DVR is connected to the internet.
- Check your home network connection and router settings.
- Ensure the Night Owl app on your smart device is updated to the latest version.

For further assistance, please refer to the Support section.

6. SPECIFICATIONS

Feature	Detail
Model Number	CAM-2PK-DP2BK
Video Capture Resolution	1080p (1920 x 1080 Pixels)
Connectivity Technology	Wired (BNC)
Indoor/Outdoor Usage	Indoor, Outdoor
Night Vision Range	Up to 100 feet
Low Light Technology	Color Night Vision
International Protection Rating	IP54 (Weather-resistant)
Power Source	Wired (via Camera Power Adapter)
Wattage	4 watts
Dimensions (L x W x H)	6 x 3 x 3 inches (per camera)
Item Weight	2.79 pounds (total for 2-pack)
Color	Black
Compatible Recorders	Night Owl VDP2, DP2, and DP8 series DVRs

7. SUPPORT AND WARRANTY

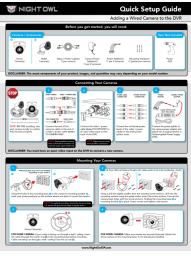


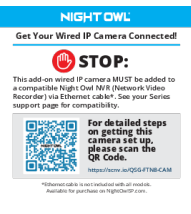
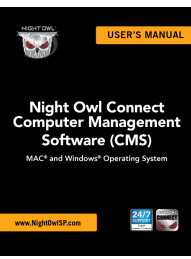
7.1 Technical Support

Night Owl provides free 24/7 technical support in English, Spanish, and French. For assistance with setup, troubleshooting, or any other product-related inquiries, please contact Night Owl customer service. Contact information can typically be found on the Night Owl official website or within your DVR's documentation. You can also visit the [Night Owl Store on Amazon](#) for additional product information and resources.

7.2 Product Warranty

For information regarding the product warranty, please refer to the warranty card included with your original Night Owl security system or visit the official Night Owl website. Warranty terms and conditions typically cover manufacturing defects for a specified period from the date of purchase.

Related Documents - CAM-2PK-DP2BK

	<p>Night Owl Quick Setup Guide: Adding a Wired Camera to DVR</p> <p>Step-by-step instructions for connecting and mounting a Night Owl wired security camera to your DVR, including necessary accessories and connection diagrams.</p>
	<p>Night Owl Wired DVR Security System Quick Setup Guide</p> <p>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.</p>
	<p>Night Owl Wired NVR Security System Quick Setup Guide</p> <p>Comprehensive quick setup guide for the Night Owl Wired NVR Security System, covering hardware connection, software configuration, and support resources. Learn how to install and set up your NVR and cameras easily.</p>
	<p>Night Owl VDP2 Series User Manual: Setup, Features, and Support Guide</p> <p>Explore the Night Owl VDP2 Series DVR system with this comprehensive user manual. Learn about setup, camera compatibility, system requirements, live view, event playback, video backup, and troubleshooting. Essential guide for Night Owl security products.</p>
	<p>Night Owl Wired IP Camera Quick Setup Guide FTN8 Model</p> <p>Connect your Night Owl wired IP camera with this quick setup guide. Learn essential connection steps and find comprehensive support resources for your FTN8 model at Support.NightOwlISP.com.</p>
	<p>Night Owl Connect Computer Management Software (CMS) User Manual</p> <p>User manual for Night Owl Connect Computer Management Software (CMS), detailing system requirements, download, installation, setup, and usage for MAC and Windows operating systems. Includes instructions for adding various Night Owl devices.</p>