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**WD WDBR2N0000NWT-HESN**

# WD ReadyView 2MP Surveillance Camera Instruction Manual

Model: WDBR2N0000NWT-HESN

## 1. Product Overview

The WD ReadyView 2MP Surveillance Camera is designed to provide reliable security monitoring for your home or business. This camera offers 1080p HD video, Power over Ethernet (PoE) for simplified installation, and an IP67-rated weatherproof housing for outdoor use. It features motion detection and night vision capabilities to ensure comprehensive surveillance day and night.

### Key Features:

- **1080p HD Video:** Captures clear, high-definition footage.
- **Power over Ethernet (PoE):** Simplifies installation by providing power and data through a single Ethernet cable.
- **IP67-Rated Weatherproof:** Dust and water-resistant for reliable outdoor performance.
- **Motion Detection:** Alerts you to activity within the camera's field of view.
- **Night Vision:** Provides clear surveillance in low-light conditions.
- **ONVIF Compliant:** Ensures compatibility with various surveillance systems, optimized for WD ReadyView systems.
- **Durable Metal Housing:** Designed for long-lasting outdoor use.




Image 1.1: The WD ReadyView 2MP Surveillance Camera highlighting its IP67-rated metal housing, 1080p HD lens with 86.5° viewing angle, adjustable base with secure lock ring, and 98 ft night vision with motion detection.

## 2. Package Contents

Verify that all items are present in your package:

- WD ReadyView 2MP PoE IP Camera
- Water-resistant Ethernet cable coupler (Ethernet cable not included)
- Mounting screws
- Window sticker
- Quick install guide

## 3. Setup and Installation

The WD ReadyView camera is designed for simple integration with your existing WD ReadyView Surveillance System. Ensure your NVR (Network Video Recorder) is set up and ready before installing cameras.

## 3.1 Physical Installation

1. **Choose a Location:** Select a suitable indoor or outdoor location for your camera. Consider the desired viewing angle and proximity to an Ethernet cable run. The camera's IP67 rating ensures protection against dust and water.
2. **Mount the Camera:** Use the provided mounting screws to securely attach the camera to a wall or ceiling. The adjustable base allows for precise positioning.
3. **Connect Ethernet Cable:** Connect a standard Ethernet cable (Cat 5 or higher, not included) to the camera's PoE port. Use the water-resistant Ethernet cable coupler to protect the connection, especially for outdoor installations.
4. **Connect to NVR:** Route the Ethernet cable back to your WD ReadyView NVR or a PoE switch connected to your NVR. The camera will receive both power and data through this single connection.

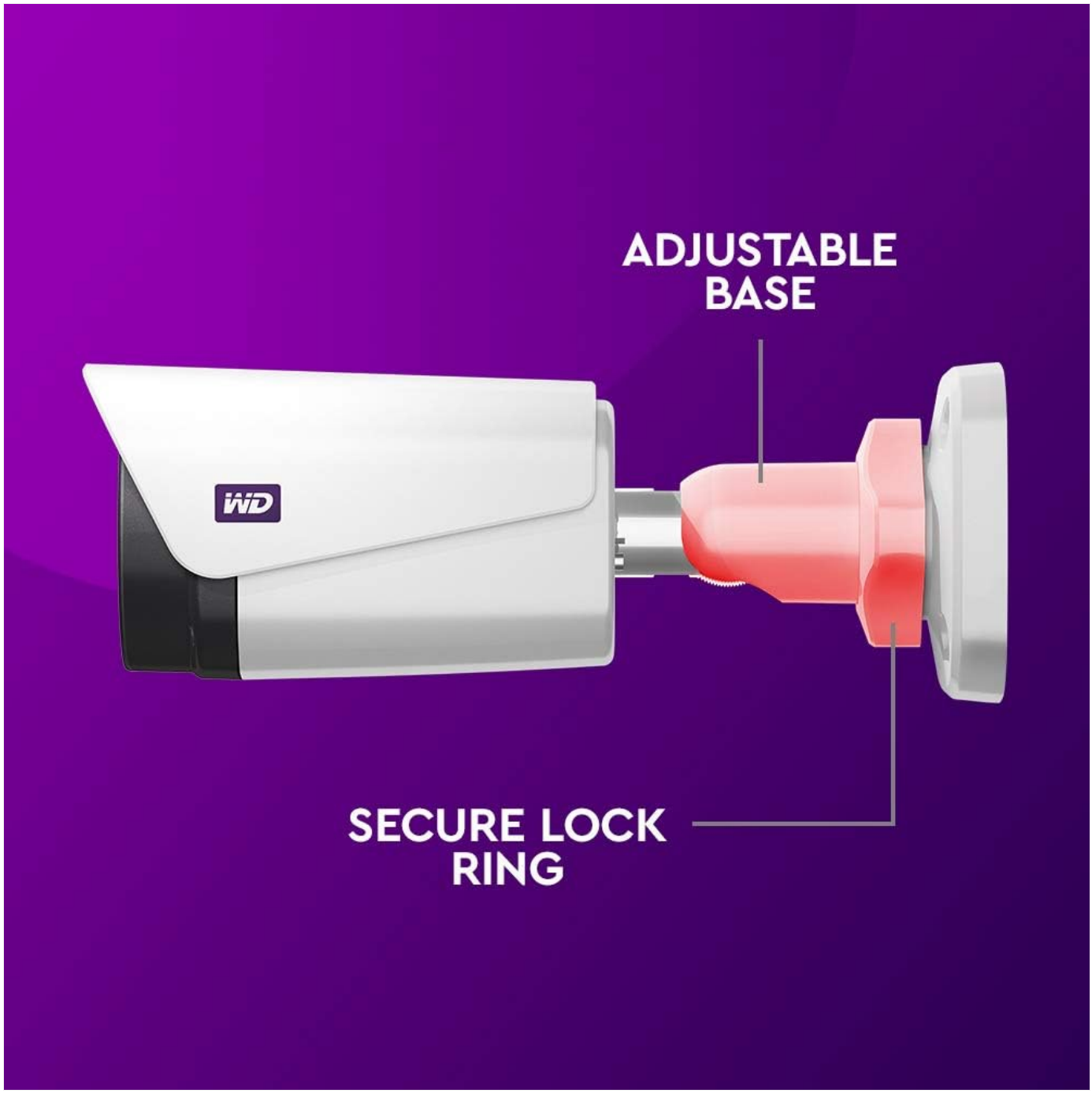



Image 3.1: Diagram illustrating the adjustable base and secure lock ring for camera positioning.

### 3.2 Initial System Connection

For initial setup, it is crucial to connect your NVR directly to the internet via an Ethernet cable. The system may not function correctly without this initial internet connection for configuration and updates.

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Video 3.2: An official video demonstrating the features and setup process for WD ReadyView cameras, including their IP67 rating, 1080p resolution, night vision, motion detection, and ONVIF compliance.

## 4. Operating the Camera

Once connected to your WD ReadyView NVR, the camera's functions are managed through the NVR interface and the associated mobile application.

### 4.1 Live View and Recording

- Access live camera feeds through your NVR's monitor output or the WD ReadyView mobile app (available for Android and iOS).
- The system records continuously, with motion events marked on the timeline for easy review.

### 4.2 Motion Detection

Configure motion detection zones and sensitivity settings via the NVR or mobile app to receive alerts for activity in specific areas.




Image 4.1: A smartphone displaying a live camera feed with an overlay grid indicating active motion detection zones.

## 4.3 Night Vision

The camera automatically switches to night vision mode in low-light conditions, providing clear black and white images for continuous monitoring.




Image 4.2: A visual comparison demonstrating the camera's night vision capabilities, showing a scene both in daylight and in infrared night mode.

## 5. Maintenance

Regular maintenance ensures optimal performance and longevity of your surveillance camera.

- **Cleaning:** Periodically clean the camera lens with a soft, damp cloth to remove dust, dirt, or water spots that may obstruct the view. Avoid abrasive cleaners.
- **Check Connections:** Ensure all cable connections, especially the Ethernet cable and its water-resistant coupler, remain secure and free from damage.
- **Firmware Updates:** Check the WD support website or your NVR system for available firmware updates to ensure your camera operates with the latest features and security enhancements.




Image 5.1: The WD ReadyView camera demonstrating its IP67-rated dust and water-resistant design during rainfall.

## 6. Troubleshooting

This section addresses common issues you might encounter with your WD ReadyView camera.

### 6.1 Camera Not Detected by NVR

- **Check Cable Connection:** Ensure the Ethernet cable is securely connected to both the camera and the NVR/PoE switch. Verify the cable is not damaged.
- **Power Cycle NVR:** If a camera is not detected, try performing a hard reset (power cycle) of the NVR with all cameras connected. This can help the NVR re-detect connected devices.
- **Initial Internet Connection:** Confirm that the NVR was initially connected to the internet via Ethernet during its first setup. This is often required for proper camera registration.

### 6.2 App Functionality Issues

- **App Updates:** Ensure your WD ReadyView mobile app is updated to the latest version.
- **Phone Settings:** Some app notifications or background processes might require specific permissions or settings adjustments on your smartphone. Consult your phone's settings for app management.
- **Network Stability:** A stable internet connection for both your NVR and mobile device is essential for remote viewing and app performance.

### 6.3 Recording and Playback

- **Continuous Recording:** The system is designed to record continuously. Motion detection events are typically marked on the timeline in purple for easy navigation, rather than only recording during motion.
- **Storage Capacity:** Ensure your NVR has sufficient storage space.

## 7. Specifications

| Feature | Specification |
|---|---|
| Model Number | WDBR2N0000NWT-HESN |
| Video Capture Resolution | 1080p (2 MP) |
| Connectivity Technology | PoE (Power over Ethernet), Ethernet |
| Indoor/Outdoor Usage | Outdoor |
| International Protection Rating | IP67 (Dust and Water Resistant) |
| Special Features | Motion Sensor, Night Vision |
| Compatible Devices | WD ReadyView Surveillance System |
| Power Source | Corded Electric (via PoE) |
| Mounting Type | Ceiling Mount |
| Control Method | App |
| Operating System Compatibility | Android, iOS |
| Item Dimensions (LxWxH) | 2.61 x 6.61 x 2.46 inches |
| Item Weight | 1.12 pounds |

## 8. Warranty and Support

For detailed warranty information, please refer to the warranty card included with your product or visit the official WD website. Technical support and additional resources can be found on the WD support portal.
**Online Support:** https://support.wdc.com


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