

## IIWEY N5

# IIWEY N5 4-CH Dash Cam & Hardwire Kit User Manual

Brand: IIWEY

Model: N5

## 1. INTRODUCTION AND OVERVIEW

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The IIWEY N5 4-Channel Dash Cam and its accompanying ACC Hardwire Kit provide comprehensive vehicle surveillance. This system is designed to record video from multiple angles, offering enhanced security and documentation for your journeys and when parked. The hardwire kit enables advanced parking monitoring features, ensuring continuous protection for your vehicle.



Figure 1: Overview of IIWEY N5 Dash Cam features.

## 2. PACKAGE CONTENTS

Upon unboxing, verify that all components listed below are present:

- IIWEY N5 4-Channel Dash Cam Unit
- Type C Port Hardwire Kit

- Installation Crowbar
- 8 x Fuse Tap Cables (various types: LP/Mini/ATO/Micro2)
- 4 x Cable Hiding Clips
- USB-C Power Cable with 12V Car Adapter
- Rear Camera with long cable



Figure 2: All components included in the IIWEY N5 Dash Cam package.



Figure 3: Close-up of the hardwire kit and fuse tap cables.

### 3. PRODUCT FEATURES

- **Multi-Channel Recording:** The N5 dash cam features a 4-channel system, including a front camera, a rear camera, and two adjustable side cameras.
- **High-Resolution Optics:** Front and rear cameras are equipped with a 1.8 aperture, enhancing video clarity, especially in low-light conditions.
- **360-Degree View:** The two side cameras are rotatable, allowing for a comprehensive 360-degree view around your vehicle when combined with the front and rear cameras.
- **Flexible Recording Modes:**
  - Mode 1: All four cameras record at 1080p resolution.
  - Mode 2: Front camera records at 2.5K, rear camera at 1080p, and side cameras at 720p.
- **Parking Monitoring:** Supports 24-hour parking surveillance with two distinct modes:
  - Time-lapse: Records at 1 frame per second to conserve memory while providing continuous coverage.
  - Collision Detection: Automatically records and locks a 10-second video upon detecting an impact.



- **Low Voltage Protection:** The hardwire kit includes a smart power management chip that automatically cuts power to the dash cam if the vehicle's battery voltage drops below 11.6V, preventing battery drain.
- **Wide Compatibility:** The hardwire kit supports 12V-24V input and 5V/3A output, suitable for various vehicle types. It includes multiple fuse connector types (LP/Mini/ATO/Micro2) for broad compatibility.

# 4-CHANNEL DASH CAM



## 2 RECORDING MODE

**MODE 1**

1080P Front  
1080P Rear  
1080P Right  
1080P Left

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**MODE 2**

2.5K Front  
1080P Rear  
720P Right  
720P Left

**Front**



**Rear**



**Inside**



**Right & Left**





Figure 4: Recording modes and camera coverage.

## 4. SETUP AND INSTALLATION

The IIWEY N5 dash cam is designed for windshield mounting. For optimal performance and aesthetics, it is recommended to route the power and camera cables discreetly along the vehicle's interior trim. The included installation crowbar and cable hiding clips assist in this process.

#### **4.1 Dash Cam Placement**

Mount the main dash cam unit on the front windshield, ideally behind the rearview mirror, to ensure an unobstructed view and minimize driver distraction. Ensure the front camera lens is clear of any obstructions.

#### **4.2 Rear Camera Installation**

The rear camera comes with a long cable, allowing it to be installed at the rear of the vehicle, typically on the rear windshield. Route the cable along the headliner and side pillars to conceal it.

#### **4.3 Hardwire Kit Connection**

The hardwire kit connects directly to your vehicle's fuse box to provide continuous power for parking mode. Identify suitable fuse slots for ACC (Accessory), BAT (Battery), and GND (Ground) connections. Use the appropriate fuse tap cables provided. Refer to your vehicle's owner's manual for fuse box diagrams.

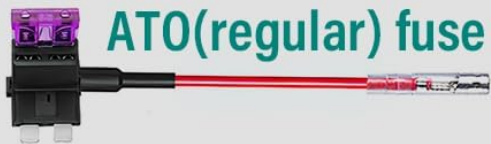


Figure 5: Fuse types and suggested cable routing for installation.





Figure 6: Hardwire kit wiring connections.

## 5. OPERATION

The IIWEY N5 dash cam features a user-friendly interface, primarily controlled via touch. Once powered on, the device will automatically begin recording based on your selected mode. You can adjust settings and view recordings directly on the dash cam's screen or through a connected mobile application.

### 5.1 Initial Power On

Connect the USB-C power cable to the dash cam and plug the 12V car adapter into your vehicle's power outlet. The dash cam will power on automatically when the vehicle's ignition is turned on.

### 5.2 Adjusting Camera Angles

The two side cameras can be manually rotated to achieve the desired viewing angle, contributing to the 360-degree coverage. Ensure all camera lenses are clean for optimal video quality.



### 5.3 Mobile App Connectivity

The dash cam supports 5G WiFi connectivity, allowing you to connect your smartphone via a dedicated mobile application. This app enables remote control, live view, video playback, and settings adjustment. Refer to the quick start guide for app download and connection instructions.



Figure 7: Dash Cam interface and mobile app integration.

## 6. PARKING MODE

The IIWEY N5 dash cam, when connected with the ACC Hardwire Kit, provides 24-hour parking surveillance. This feature is crucial for monitoring your vehicle while it is parked and the ignition is off.

### 6.1 Time-Lapse Parking Mode

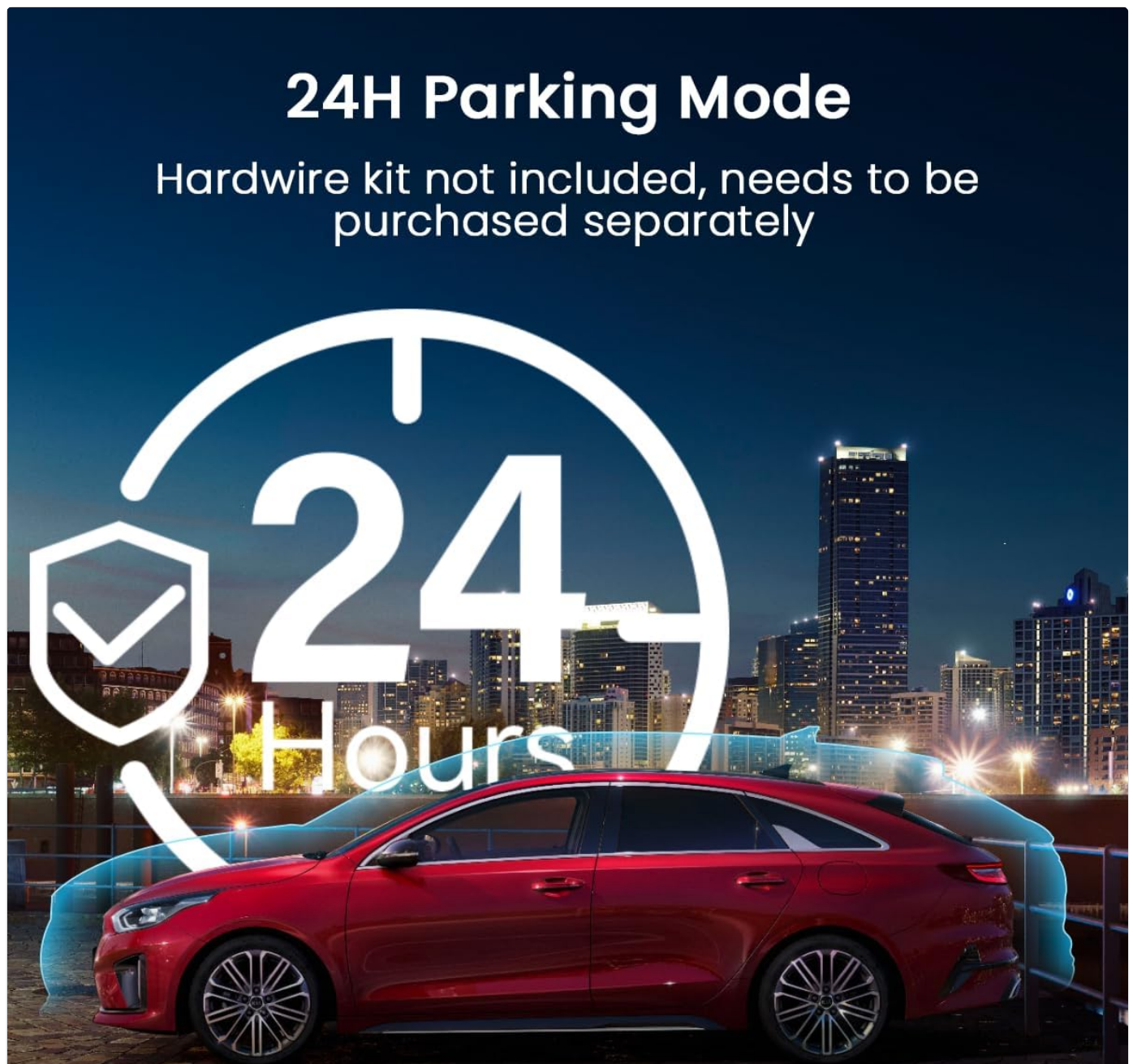
In this mode, the dash cam records continuously at a low frame rate (1 frame per second). This conserves storage space while still capturing events over an extended period. It is ideal for long-term monitoring in secure parking areas.


### 6.2 Collision Detection Parking Mode

Utilizing the built-in G-sensor, the dash cam automatically detects sudden impacts or collisions. Upon detection, it will record a 10-second video clip and lock it to prevent overwriting, ensuring critical event footage is preserved.



# 24H Parking Mode

Hardwire kit not included, needs to be purchased separately







Time-Lapse



Collision Detection



Parking Monitor

Figure 8: 24-Hour Parking Mode functionalities.

## 7. POWER MANAGEMENT

The hardwire kit is equipped with intelligent power management features to protect your vehicle's battery.



7.1 Low Voltage Protection

To prevent your car battery from draining, the hardwire kit will automatically cut off power to the dash cam if the vehicle's voltage drops below 11.6V. This ensures sufficient power remains to start your engine.



Figure 9: Low Voltage Protection mechanism.

8. SPECIFICATIONS

Feature	Detail
Model Name	N5
Video Capture Resolution	1080p (up to 2.5K for front camera in Mode 2)
Special Feature	Parking Monitor
Hardwire Kit Input	12V-24V



Hardwire Kit Output	5V/3A
Low Voltage Cutoff	11.6V
Mounting Type	Windshield Mount
Control Method	Touch
Color	Black

## 9. TROUBLESHOOTING

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This section addresses common issues you might encounter with your IIWEY N5 Dash Cam. If the problem persists, please contact customer support.

- **Dash Cam Not Powering On:**
  - Check the power connection to the dash cam and the 12V car adapter/hardwire kit.
  - Ensure the vehicle's 12V outlet or fuse box connection is active.
  - If using the hardwire kit, verify the vehicle battery voltage is above 11.6V.
- **Recording Issues (No Recording/Corrupted Files):**
  - Ensure a compatible microSD card is inserted and properly formatted within the dash cam settings.
  - Check if the microSD card is full; enable loop recording or manually delete old files.
  - Verify that the recording mode is active.
- **Poor Video Quality:**
  - Clean the camera lenses (front, rear, side) to remove dirt or smudges.
  - Ensure the protective film has been removed from the lenses.
  - Adjust exposure settings if the video appears too dark or bright.
- **Mobile App Connection Problems:**
  - Ensure the dash cam's WiFi is enabled.
  - Verify your smartphone is connected to the dash cam's WiFi network.
  - Restart both the dash cam and your smartphone.

## 10. MAINTENANCE

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- **Regular Lens Cleaning:** Periodically clean all camera lenses with a soft, lint-free cloth to ensure clear video recordings.
- **MicroSD Card Maintenance:** Format the microSD card regularly (e.g., once a month) within the dash cam's settings to prevent data corruption and ensure optimal performance. Replace the card if it shows signs of degradation or errors.
- **Firmware Updates:** Check the official IIWEY website for any available firmware updates. Keeping the firmware updated can improve performance and add new features.
- **Cable Inspection:** Periodically inspect all power and camera cables for any signs of wear, damage, or loose connections.

## 11. WARRANTY AND SUPPORT

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IIWEY products are manufactured to high-quality standards. For information regarding warranty coverage, technical

support, or service inquiries, please refer to the warranty card included in your package or visit the official IIWEY website. Please retain your proof of purchase for warranty claims.

For additional resources, including video tutorials and FAQs, please visit the IIWEY support page. While some third-party videos may exist, always refer to official IIWEY channels for the most accurate and up-to-date information regarding your product.