

INNOVV K5 Motorcycle Dash Cam User Manual

Your guide to installation, operation, and maintenance.

1. INTRODUCTION

Thank you for choosing the INNOVV K5 Motorcycle Dash Cam. This advanced dual-channel recording system is designed to provide comprehensive video coverage for your motorcycle, enhancing safety and capturing your rides in stunning 4K UHD (front) and 1080P (rear) resolution. With features like IP67 waterproofing, built-in GPS, 5.8GHz Wi-Fi, and 24-hour parking mode, the K5 offers reliable performance in various conditions.

This manual provides detailed instructions for the proper installation, operation, and maintenance of your INNOVV K5 dash cam. Please read it thoroughly before using the product to ensure optimal performance and longevity.



Figure 1.1: INNOVV K5 Motorcycle Dash Cam System Overview.

2. KEY FEATURES

- Ultra HD 4K Front & 1080P Rear Recording:** Captures clear and detailed footage with a wide view angle covering at least three lanes. Enhanced by Starvis sensor and F1.8 aperture for excellent night vision.
- Built-in 5.8GHz Wi-Fi & Smart App Control:** Connects to the INNOVV app for fast preview, download, sharing, and settings adjustments. Offers 4X faster and more stable transmission than 2.4GHz.
- Full Body IP67 Waterproof:** Durable aluminum alloy construction ensures stable performance in various seasons and environments from -30°C to 70°C.
- 5Hz GPS Tracking & Remote Control:** Accurately records position and speed changes. The remote control allows quick saving of videos, photo capture, and status checks.
- Auto Emergency Lock & 24-Hour Parking Mode:** Built-in G-Sensor detects impacts, automatically locking incident videos. In parking mode, it records a 30-second protected video upon detecting theft or artificial destruction.
- Support for up to 512GB MicroSD Card:** Compatible with high-quality U3/V30 speed SD cards for extensive video storage.



Rear

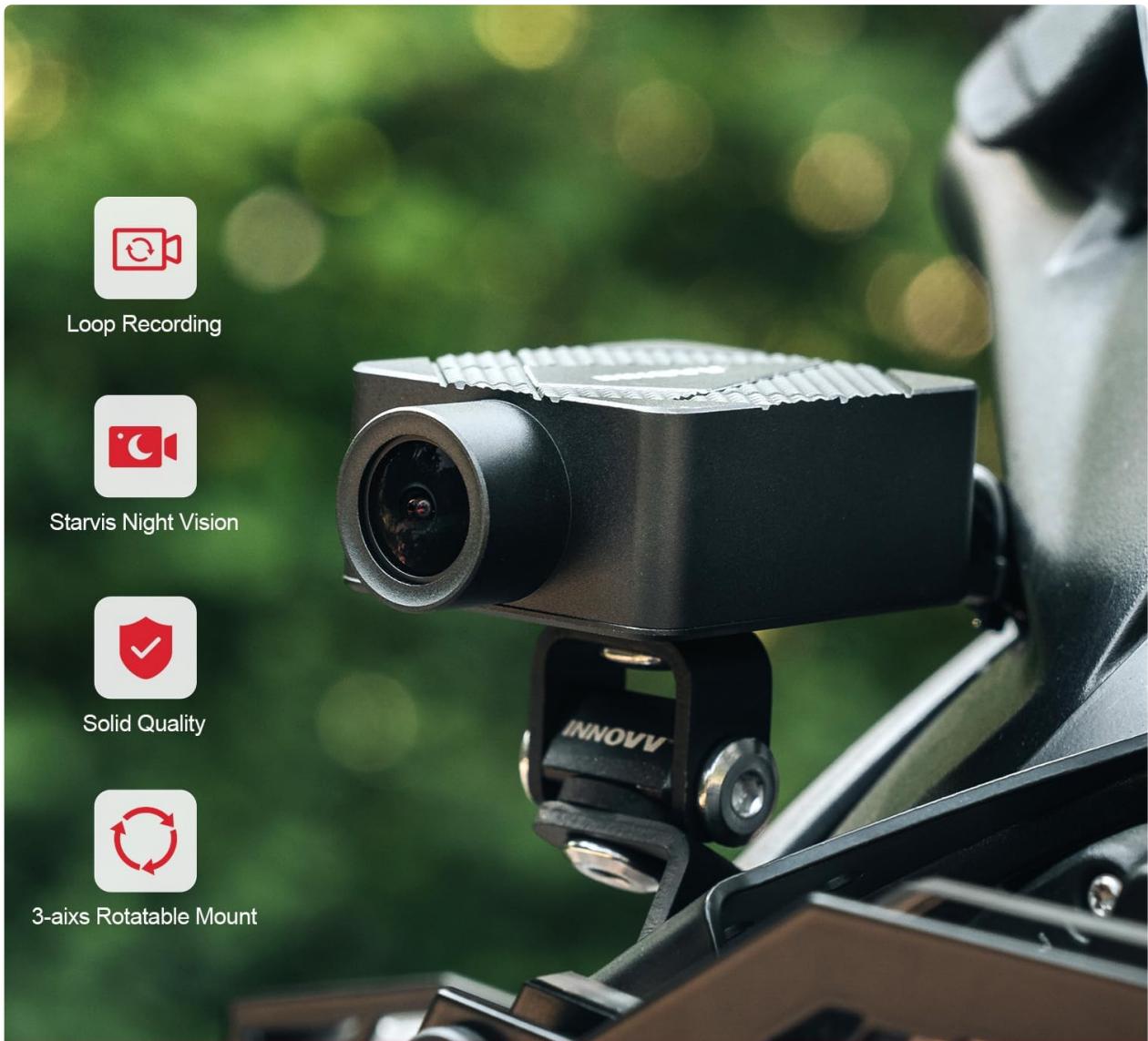


Front

4K+1080P Dual Channels Recording

Excellent 4K resolution in front is able to catch clear and vivid memory on the ride, while 1080P in the rear works together with the front camera to provide you full protection!

Figure 2.1: Dual-Channel Recording Capability.



Other Features Collection

Figure 2.2: Faster 5.8G Wi-Fi Connectivity and App Control.



IP67 Waterproof & Dustproof

Assembled and crafted precisely, INNOVV K5 is suitable for all weather and harsh environment

Figure 2.3: IP67 Waterproof and Dustproof Design.

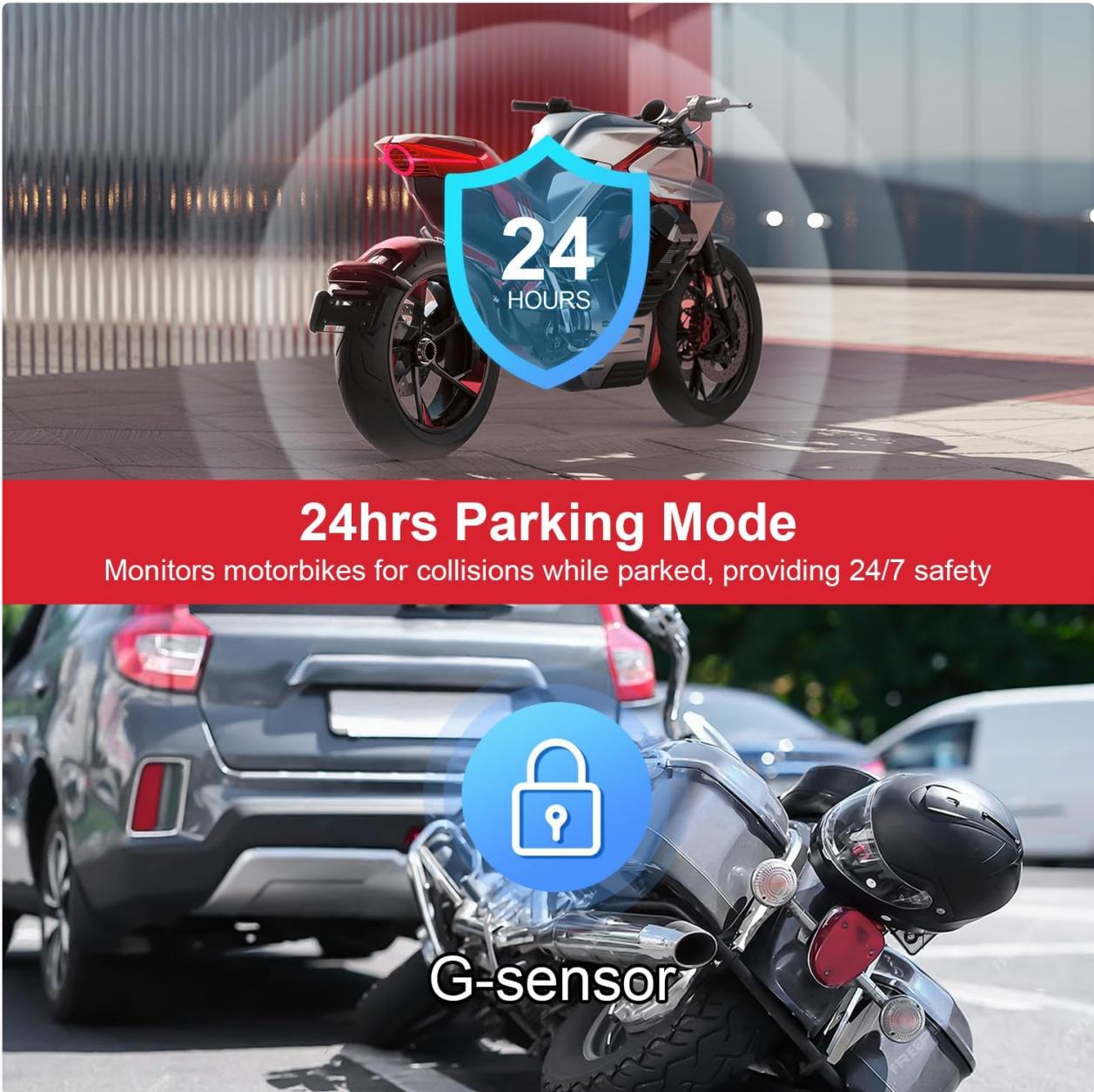


Figure 2.4: 24-Hour Parking Mode for Continuous Surveillance.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- Front camera (1 pc)
- Rear camera (1 pc)
- DC Converter (1 pc)
- Remote control (1 pc)
- Microphone (1 pc)
- GPS module (1 pc)
- Accessories (various brackets, screws, cables)
- User Manual (1 pc)



Figure 3.1: All Included Components.

4. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your INNOVV K5 dash cam. Due to the varied structures of motorcycles, specific mounting locations may differ. It is recommended to consult a professional if you are unsure about any steps.

4.1 Component Identification

- **Main Unit (DVR):** The central processing unit where video files are stored.
- **Front Camera:** Records 4K UHD video, typically mounted at the front of the motorcycle.
- **Rear Camera:** Records 1080P video, typically mounted at the rear of the motorcycle.
- **GPS Module:** Provides location and speed data for video overlays. Should be mounted with a clear view of the sky.
- **Remote Control:** Allows for quick actions like saving footage and checking status indicators.
- **DC Converter:** Manages power supply to the system.

4.2 Mounting the Cameras

Select secure locations for the front and rear cameras that provide an unobstructed view of the road. Use the provided brackets and screws for stable mounting. Ensure the cameras are oriented correctly for optimal recording.



Easy Remote Control

Get a fast status check of recording, GPS and Wi-Fi, easy to save media file by the button.

Figure 4.1: Remote Control and Rear Camera Mounting Example.

4.3 Wiring

Connect the cameras, GPS module, and remote control to the main DVR unit. Route all cables securely, away from moving parts and heat sources. Connect the DC converter to your motorcycle's power supply, ensuring it is wired to a switched power source that activates with the ignition to enable automatic power on/off.

4.4 Initial Setup

After physical installation, download the INNOVV app to your smartphone. Connect to the dash cam's Wi-Fi network (details in section 5.2) to configure settings, format the microSD card, and verify camera angles via live preview.

Your browser does not support the video tag.

Video 4.1: An overview of the INNOVV K6 Motorcycle Dash Cam, demonstrating features and components. While this video features the K6 model, many installation and operational principles are similar to the K5.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

The INNOVV K5 is designed for automatic operation. Once properly wired to your motorcycle's ignition, the dash cam will automatically power on and begin recording when the motorcycle is started, and power off when the ignition is turned off.

5.2 Recording Modes

- **Loop Recording:** The system continuously records video in short segments (e.g., 1, 3, or 5 minutes). When the memory card is full, the oldest unprotected files are overwritten.
- **Emergency Lock (G-Sensor):** In the event of a sudden impact or collision, the built-in G-Sensor will automatically detect the event and lock the current video segment, preventing it from being overwritten.
- **24-Hour Parking Mode:** When the motorcycle is parked, the K5 will monitor for external forces or impacts. If detected, it will automatically record a 30-second protected video, providing surveillance even when the vehicle is off.

5.3 Using the Remote Control

The remote control provides convenient access to key functions:

- **Save Video:** Press the main button to manually save the current recording segment, protecting it from loop recording overwrite.
- **Capture Photo:** A quick press can also capture a still image.
- **Status Indicators:** LEDs on the remote indicate the working status of recording, GPS, and Wi-Fi.

5.4 INNOVV App Connection and Usage

The INNOVV app (available on iOS and Android) allows you to manage your dash cam wirelessly:

1. **Download the App:** Search for "INNOVV" in your device's app store.
2. **Connect to Wi-Fi:** Turn on the dash cam. On your smartphone, go to Wi-Fi settings and connect to the INNOVV K5 network (SSID and password can be found in the app or on the device).
3. **Live Preview:** View real-time footage from both cameras to adjust angles or monitor your surroundings.
4. **Video Playback & Download:** Access recorded videos, play them back, and download important clips directly to your phone.
5. **Settings Adjustment:** Modify recording resolution, loop recording duration, G-Sensor sensitivity, and other system settings.



Figure 5.1: INNOVV App Interface for Wi-Fi and Live Preview.

6. CARE AND MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the camera lenses and main unit. Avoid abrasive cleaners or solvents.
- **Firmware Updates:** Periodically check the INNOVV website or app for available firmware updates to ensure your dash cam has the latest features and bug fixes. Follow the instructions provided with the update carefully.
- **MicroSD Card Maintenance:** Regularly format the microSD card (at least once a month) using the INNOVV app or the dash cam's settings to prevent data corruption and ensure smooth recording. Use only high-quality, high-speed (U3/V30 or higher) microSD cards.
- **Storage:** When not in use for extended periods, store the dash cam in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING GUIDE

If you encounter issues with your INNOVV K5, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; Incorrect wiring; Blown fuse.	Check power connections; Verify wiring to ignition; Inspect and replace fuse if necessary.
Recording stops or freezes.	Faulty/slow microSD card; Card full; Firmware issue.	Use a high-speed (U3/V30) card; Format the card regularly; Update firmware.
Wi-Fi connection unstable or fails.	Interference; Distance from device; Incorrect password.	Ensure close proximity to dash cam; Reduce interference; Re-enter Wi-Fi password.
GPS signal not acquired.	GPS module obstructed; Poor satellite reception.	Ensure GPS module has clear view of sky; Move to an open area.
Video quality is poor.	Dirty lens; Incorrect resolution setting; Low light conditions.	Clean lenses; Set resolution to 4K/1080P in app; Ensure sufficient lighting for optimal night vision.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	K5
Front Camera Resolution	4K UHD
Rear Camera Resolution	1080P
Waterproof Rating	IP67 (Full Body)
Wi-Fi Frequency	5.8GHz
GPS	5Hz Tracking
Parking Mode	24-Hour (G-Sensor activated)
Storage Support	Up to 512GB MicroSD (U3/V30 recommended)
Operating Temperature	-30°C to 70°C
Product Dimensions	7.87 x 2.76 x 5.91 inches
Item Weight	2.42 pounds

9. WARRANTY AND SUPPORT

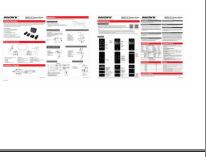
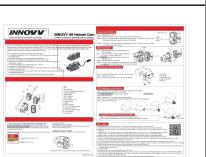
INNOVV products are manufactured to the highest quality standards. For specific warranty details, please refer

to the warranty card included in your product packaging or visit the official INNOVV website. Keep your purchase receipt as proof of purchase for warranty claims.

For technical support, troubleshooting assistance beyond this manual, or warranty inquiries, please contact INNOVV customer service through their official website or the contact information provided with your product. You can also visit the [INNOVV Store on Amazon](#) for additional resources.

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Related Documents - K5

	<p>INNOVV K5 Dash Cam: Installation and User Guide for Powersports</p> <p>Comprehensive guide for the INNOVV K5 4K motorcycle dash cam. Covers installation, features, app control, specifications, and troubleshooting for powersports vehicles.</p>
	<p>INNOVV K7 Motorcycle Dash Cam System User Manual</p> <p>Comprehensive guide to the INNOVV K7 Motorcycle Dash Cam System, covering product overview, features, installation, app instructions, troubleshooting, and specifications. Learn how to protect your road trip and record your adventures.</p>
	<p>INNOVV K2 Motorcycle Dashcam System: User Manual & Installation Guide</p> <p>Comprehensive user manual for the INNOVV K2 dual-channel motorcycle dashcam system. Covers installation, setup, app usage, firmware updates, video playback, and features like GPS and parking mode.</p>
	<p>INNOVV K3 Dash Cam: Installation, Features, and Troubleshooting Guide</p> <p>Comprehensive guide for the INNOVV K3 Dash Cam, covering installation, app usage, specifications, troubleshooting, and FCC compliance for powersports vehicles.</p>
	<p>INNOVV H5 Helmet Cam: User Manual, Installation Guide, and Specifications</p> <p>Comprehensive guide for the INNOVV H5 Helmet Cam, covering installation, user operation, specifications, troubleshooting, and customer support. Features 4K video, EIS stabilization, and IP65 rating for powersports use.</p>
	<p>INNOVV H5 Helmet Cam: 4K Action Camera for Powersports - User Manual & Installation Guide</p> <p>Comprehensive guide for the INNOVV H5 Helmet Cam, detailing its features, installation, user operations, specifications, and troubleshooting for powersports enthusiasts. Capture your rides in stunning 4K with advanced stabilization.</p>