

INNOVV INNOVV K5

INNOVV K5 Motorcycle Dash Cam User Manual

Model: INNOVV K5

INTRODUCTION

The INNOVV K5 is a state-of-the-art motorcycle dash camera system designed for riders who demand high-quality recording and robust performance. This manual provides comprehensive instructions for the installation, operation, and maintenance of your INNOVV K5 system, ensuring optimal performance and longevity.

Key features include 4K Ultra HD front recording, 1080P Full HD rear recording, dual-band Wi-Fi connectivity (2.4Ghz/5.0Ghz), a smart remote control, a full-featured INNOVV App, IP67 waterproof rating, and an industry-leading 5Hz GPS receiver.

WHAT'S IN THE BOX

Carefully unpack your INNOVV K5 system and ensure all components listed below are present:

- 1 x Front Camera (Integrated with DVR)
- 1 x Rear Camera (3.0 meter long video cable)
- 1 x Remote Control
- 1 x GPS Module
- 1 x External Microphone
- 1 x 12V/5V Converter
- 1 x Rear Camera Mount
- 1 x DVR/Remote Control Mount
- 1 x User Guide
- 1 x Spare Part Package (3M double-sided tape, waterproof rings, and thumb screws)



Image: All components included in the INNOVV K5 package. This includes the front camera (integrated with DVR), rear camera, remote control, GPS module, external microphone, 12V/5V converter, various mounts, and spare parts.

PRODUCT OVERVIEW

Familiarize yourself with the main components of your INNOVV K5 system:

DVR and Front Camera

The main unit integrates the Digital Video Recorder (DVR) with the front-facing camera. It is the central processing unit for the system.



Image: A detailed view of the INNOVV K5 DVR unit with the integrated front camera. The unit features a textured top surface with the INNOVV logo.

Dimensions: 52mm (L) x 48mm (W) x 25mm (H)

Rear Camera

The compact rear camera provides a 1080P Full HD view of the road behind you. It connects to the DVR via a 3.0-meter cable.



Image: The INNOVV K5 rear camera discreetly mounted on the rear fender of a motorcycle, showing its compact size and placement.

Dimensions: Diameter 25mm x 53.3mm (L)

Remote Control

The smart remote control allows for easy operation of key functions without needing to access the DVR directly.



Image: The INNOVV K5 remote control, showing its recording, Wi-Fi, and GPS indicators, along with the central function button. It is designed for easy access while riding.

- **Recording Indicator:** Shows recording status.
- **Wi-Fi Indicator:** Indicates Wi-Fi connection status.
- **GPS Indicator:** Shows GPS signal status.
- **Function Button:** Used for various operations like locking files or taking snapshots.

External Microphone

For clear audio recording, the system includes an external microphone with good noise reduction capabilities.



Image: The INNOVV K5 external microphone, designed to capture clear audio while minimizing wind noise.

SETUP AND INSTALLATION

Installation of the INNOVV K5 system requires careful routing of cables and secure mounting of components. It is recommended to have this installed by a professional if you are not comfortable with motorcycle electrical systems.

1. **Mounting the DVR/Front Camera:** Choose a secure location on your motorcycle, typically near the front, that provides a clear view of the road ahead. Use the provided DVR/Remote Control Mount.
2. **Mounting the Rear Camera:** Install the rear camera using its dedicated mount, ensuring it has an unobstructed view of the rear. Route the 3.0-meter cable carefully to the DVR unit.
3. **Connecting the GPS Module:** Connect the GPS module to the designated port on the DVR. Position the module where it has a clear line of sight to the sky for optimal signal reception.
4. **Connecting the External Microphone:** Plug the external microphone into the DVR. Position it in a location that minimizes wind noise but still captures desired audio.
5. **Power Connection (12V/5V Converter):** Connect the 12V/5V converter to a switched 12V power source on your motorcycle. This ensures the dash cam powers on and off with your ignition. Route the cables securely, avoiding moving parts or heat sources.
6. **Insert TF Card:** Insert a high-speed TF (microSD) card (up to 512GB supported) into the DVR's card slot. Ensure it is properly formatted before first use (refer to Operating Instructions for formatting).

INNOVV K5 Dash Cam

Intended For Powersports (Motorcycles, ATVs, UTVs & Others)



Real 4K & 1080P HD Video
Capture every moment of road trip with the real 4K video of front camera & 1080P HD video of rear camera.



External Microphone Input
Record crispness and high quality engine noises or clearly record your voices during road trip with the external Mic.



Auto On/Off/Recording
Automatic start/stop of recording after ignition, rather than manually charging, starting, and stopping with the action cam.



Stylish Appearance & IP67 Waterproof
Constructed of durable and lightweight aerospace aluminum alloy, featuring a stylish appearance and IP67 waterproof design.



Dual-band Wi-Fi
2.4G 5G
Support both 5.0 GHz and 2.4 GHz frequencies, providing better user experience with more stability and faster transmission.



Built-in G-Sensor
Capture critical details for accident videos by activation of G-Sensor with significant movements during road trip or parking mode.



Functional Remote Control
Directly display the Wi-Fi, DVR and GPS working status, and easily control of the video recording & photo taking with the function button.



Video Format (MP4/ TS)

Sony Image Sensor

120° Wide Angle View

Mobile App (iOS & Android Compatible)

GPS (High Update Rate of 5Hz)

Parking Monitor

Loop Recording

Extreme Temperature Resistance (-30°C-70°C)

H.265 HEVC
High Efficiency Coding (H.265)
Support Up to 512 GB

512GB



INNOVV
Protect Your Road Trip and Record Fun On The Way

www.innovv.com

Image: An infographic illustrating the various features and components of the INNOVV K5 system, including camera views, Wi-Fi, G-sensor, GPS, and storage capabilities.

OPERATING INSTRUCTIONS

Automatic Operation

The INNOVV K5 features automatic on/off recording technology. Once properly installed and connected to a switched power source:

- The system will automatically power on and begin recording when your motorcycle's ignition is turned on.
- Recording will automatically stop and the system will power off when the ignition is turned off.



Image: A motorcyclist in motion, demonstrating the automatic on/off recording feature of the INNOVV K5, which activates with the motorcycle's ignition.

Using the INNOVV App

The full-featured INNOVV App (available for iOS and Android) allows you to control settings, view live footage, download recordings, and manage your device via dual-band Wi-Fi (2.4Ghz/5.0Ghz).

1. **Download the App:** Search for "INNOVV" in your device's app store and install it.
2. **Connect to Wi-Fi:** Turn on your K5 system. On your smartphone, go to Wi-Fi settings and connect to the INNOVV K5's Wi-Fi network (e.g., "INNOVV_K5_XXXX"). The default password is usually "12345678".
3. **Access Features:** Once connected, open the INNOVV App. You can:
 - View live streaming from both front and rear cameras.
 - Adjust camera settings (resolution, loop recording duration, G-sensor sensitivity, etc.).
 - Browse and download recorded videos and photos to your smartphone.
 - Format the TF card.

Using the Remote Control

The remote control provides quick access to essential functions:

- **Single Press:** Press the function button once to manually lock the current recording file, preventing it from being overwritten during loop recording.
- **Long Press:** Press and hold the function button to take a snapshot (photo).

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the camera lenses and DVR unit. Avoid abrasive cleaners or solvents. Ensure all components are dry before operation.
- **TF Card Management:** Regularly format your TF card (monthly recommended) via the INNOVV App to maintain optimal recording performance and prevent data corruption. Back up important files before formatting.
- **Firmware Updates:** Check the official INNOVV website or app periodically for firmware updates. Keeping your firmware updated ensures the best performance and access to new features.
- **Cable Inspection:** Periodically inspect all cables for signs of wear, fraying, or damage. Ensure connections are secure and waterproof seals are intact.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	No power from motorcycle; loose power connection; faulty 12V/5V converter.	Check motorcycle's power source (e.g., ignition switch); ensure all power cables are securely connected; test the 12V/5V converter.
Recording stops unexpectedly.	TF card full or corrupted; low power; faulty TF card.	Format the TF card via the app; ensure stable power supply; try a different, high-quality TF card (UHS-I, V30 A2 recommended).
Wi-Fi connection issues.	Incorrect Wi-Fi password; too far from device; interference.	Verify Wi-Fi password (default: 12345678); ensure smartphone is close to the DVR; try connecting in an area with less wireless interference.
Poor video quality.	Dirty camera lens; incorrect resolution settings; vibration.	Clean camera lenses; check video resolution settings in the app (ensure 4K/1080P is selected); ensure cameras are securely mounted to minimize vibration.
GPS signal not acquired.	GPS module obstructed; faulty GPS module.	Ensure GPS module has a clear view of the sky; check GPS module connection to DVR.

SPECIFICATIONS

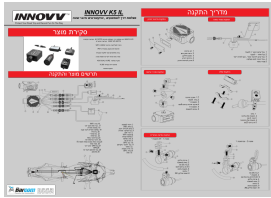
- **DVR Dimension:** 52mm (L) x 48mm (W) x 25mm (H)
- **Front Camera Dimension:** 52mm (L) x 48mm (W) x 22mm (H) (Integrated with DVR)
- **Rear Camera Dimension:** Diameter 25mm x 53.3mm (L)
- **Length of Rear Video Cable:** 3.0 Meter / 9.84 Feet
- **Field of View (FOV):** 120°
- **Storage:** TF card (Supports up to 512GB)
- **Maximum Resolution:** 4K (Front) and 1080P (Rear)
- **Video Format:** MP4/TS
- **Connectivity:** Dual-band Wi-Fi (2.4Ghz/5.0Ghz)
- **GPS:** Industry-leading 5Hz GPS Receiver
- **Waterproof Rating:** IP67
- **Operating Temperature:** -30°C to 70°C (-22°F to 158°F)
- **Power Input:** 12V/5V Converter

WARRANTY AND SUPPORT

INNOVV products come with a manufacturer's warranty. Please refer to the official INNOVV website or your purchase documentation for specific warranty terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact INNOVV customer service through their official channels.

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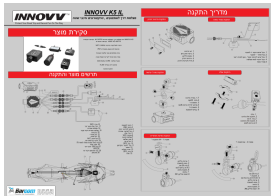
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Connected to K5 DVR Converter Connected to ACC . 1 - .2 , . 3 . 4 .5 Converter GPS WIFI .16 ...
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[pdf] User Manual Installation Guide

K5 2021 02 24 cdr mi Dual Channel Motorcyle Motocam with 4K Ultra HD Resolution WiFi GPS Parking Mode and IP67 Water Resistance
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It is easy and flexible to install with its small size and smart design. Motorcycle Installation Dem ... F card TF card
On off Options for G-Sensor s sensitivity On off TF Card Instruction **INNOVV K5** innovates with the Sony 8-megap
on its front camera, producing high-quality 4K ...
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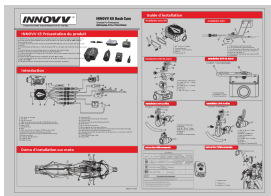
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[pdf] Installation Guide Guide

K5-2021-02-24 cdr mi App Installation Guide< b> Photos are stored here Document Quick< switch between front & rear camera Full
Date time Longitude and latitude Start< stop recording Title: K5 2021< b>-02-24 Author: Created Date: 5 7 8:33:43 AM original media s-bol I
Guide Quick GPS Indicator Recording Video stamp Speed Wi-Fi name reset only be effective after restarting Password restating band
It is easy and flexible to install with its small size and smart design. Motorcycle Installation Dem ... F card TF card
On off Options for G-Sensor s sensitivity On off TF Card Instruction **INNOVV K5** innovates with the Sony 8-megap
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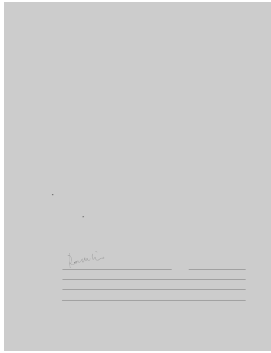
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K5 cdr mi INNOVV Présentation du produit Introduction Démo d installationINNOVV KS est la toute nouvelle caméra de tableau bord mot
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[pdf] Agent Authorization

PLEASE PRINT ON COMPANY LETTERHEAD MiCOM Labs Inc QMS Agent Authorization INNOVVTECH CO LIMITED INNOVVK5 2A4O
2A4OUIINNOVVK5 innovvk5
INNOVV TECH CO.,LIMITED Agent Authorization Company: INNOVV TECH CO.,LIMITED Address: 4TH Floor, I
Science and Technology Park, No. 3, Shenhua Road, Zhongkai High-tech District, Huizhou City, Guangdong Prov
Product Name: Dash cam Trade Mark: INNOVV Model Number: **INNOVV K5** FCC ID: 2A4O...
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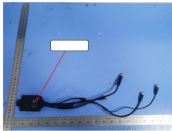


[\[pdf\]](#) Declaration of Conformity

5600 5650 MHz Transmission Restriction Clinton Bradley FCC Software Configuration Control Declaration INNOVVTECH CO LIMITED INN
2A4OUIINNOVVK5 innovvk5

INNOVV TECH CO.,LIMITED FCC Software Configuration Control Declaration Date: March 1, 2022 Federal Com
Commission 7435 Oakland Mills Road Columbia, MD 21046 USA Attn: OET Dept. Product Name: Dash cam Trac
INNOVV Model Number: **INNOVV K5** FCC ID: 2A4OU-INNOVVK5 Regarding FCC Country C...

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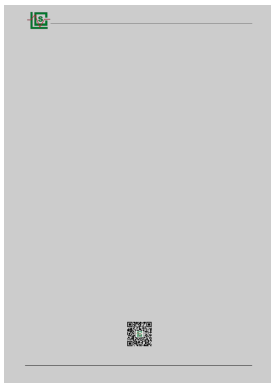
[\[pdf\]](#) Label

Tian label INNOVVTECH CO LIMITED INNOVVK5 2A4OU 2A4OUIINNOVVK5 innovvk5

Shenzhen LCS Compliance Testing Laboratory Ltd. LABEL AND LOCATION Dash cam Model:**INNOVV K5** FCC I
INNOVVK5 Input: DC 12V, 600mA Size: L3cm x 2cm FCC ID: 2A4OU-INNOVVK5 Label Location

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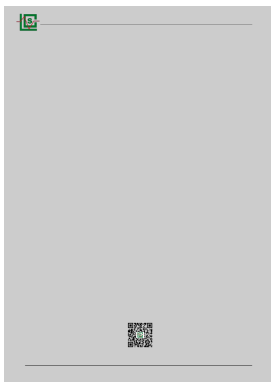


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FCC PART 15 news Test report INNOVVTECH CO LIMITED INNOVVK5 2A4OU 2A4OUIINNOVVK5 innovvk5

Shenzhen LCS Compliance Testing Laboratory Ltd. FCC ID: 2A4OU-INNOVVK5 Report No.: LCS220211059AEA
REPORT For INNOVV TECH CO.,LIMITED Dash cam Test Model: **INNOVV K5** Prepared for Address : INNOVV T
CO.,LIMITED : 4TH Floor, Huagu Science and Technology Park, No. 3, Shenhua Road, Zhongka...

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FCC PART 15 news test report INNOVVTECH CO LIMITED INNOVVK5 2A4OU 2A4OUIINNOVVK5 innovvk5

Shenzhen LCS Compliance Testing Laboratory Ltd. FCC ID: 2A4OU-INNOVVK5 Report No.: LCS220211059AEB
REPORT For INNOVV TECH CO.,LIMITED Dash cam Test Model: **INNOVV K5** Prepared for Address Prepared b
Tel Fax Web Mail Date of receipt of test sample Number of tested samples Sample No...

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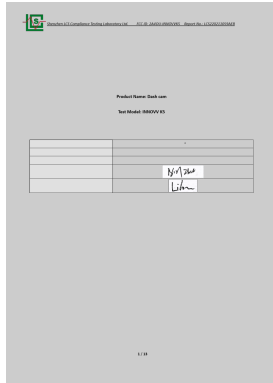


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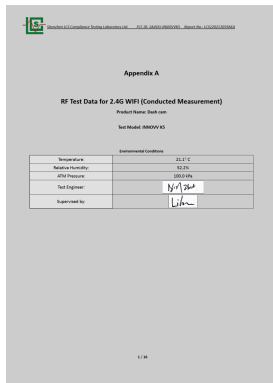
Tonscend test report INNOVVTECH CO LIMITED INNOVVK5 2A4OU 2A4OUINNOVVK5 innovvk5

Shenzhen LCS Compliance Testing Laboratory Ltd. FCC ID: 2A4OU-INNOVVK5 Report No.: LCS220211059AEB

RF Test Data for 5.2G WIFI Conducted Measurement Product Name: Dash cam Test Model: **INNOVV K5** Temper

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[pdf] Test Report

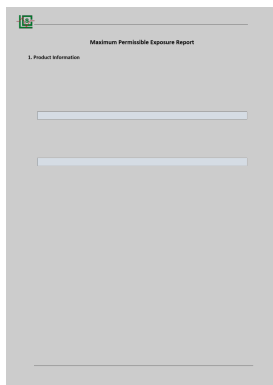
Tonscend Test report INNOVVTECH CO LIMITED INNOVVK5 2A4OU 2A4OUINNOVVK5 innovvk5

Shenzhen LCS Compliance Testing Laboratory Ltd. FCC ID: 2A4OU-INNOVVK5 Report No.: LCS220211059AEA

RF Test Data for 2.4G WIFI Conducted Measurement Product Name: Dash cam Test Model: **INNOVV K5** Temper

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User RF reposure INNOVVTECH CO LIMITED INNOVVK5 2A4OU 2A4OUINNOVVK5 innovvk5

Shenzhen LCS Compliance Testing Laboratory Ltd. FCC ID: 2A4OU-INNOVVK5 Maximum Permissible Exposur .

Frequency Range Channel Number Modulation Type Antenna Description : 2A4OU-INNOVVK5 : Dash cam : **INN**

Input: DC 12V, 600mA : IK5_MAIN_V1.0 : IK5.5G.20210827.V1.1.12 : : 2412MHz-2462MHz : 5MH...

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