

INNOVV™

Protect Your Road Trip and Record Fun On The Way

INNOVV K7 Camera System

Intended For Powersports (Motorcycle, ATVs, UTVs & Others)
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Product Overview

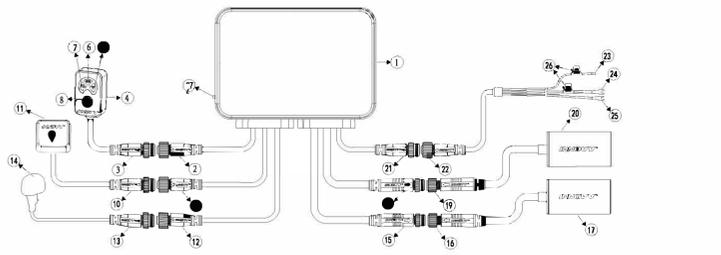
INNOVV K7 is a high-end motorcycle dash cam with 2K+2K at 30FPS or 1080P+1080P at 30FPS when EIS (Electronic Image Stabilization) is on, with industry-leading digital filming technology and stylish APP preview function. The aluminum alloy body is sturdy and durable, and the two independent cameras are small and easy to install. With high-end photography solutions, the INNOVV K7 motorcycle dash cam can record every wonderful moment with ease.

Product Features:

1. Front and rear dual channel recording with resolut on of 2K+2K at 30FPS or 1080P+1080P at 30FPS with EIS.
2. Intelligent EIS technology.
3. F1.8 large aperture, effectively improve image quality at low-light environment.
4. 10Hz high-speed GPS for more accurate route tracking.
5. Supports TF card with capacity up to 512GB.
6. Dual-band Wi-Fi (2.4G) with faster transmission and more stability.
7. The full body is IP67 waterproof to withstand rain and dust outdoors.

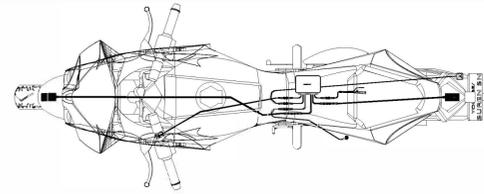


Product Introduction



1. DVR
2. Remote Control Cable Connected to DVR (8-Pin Female)
3. Remote Control Cable (8-Pin Male)
4. Remote Control
5. Wi-Fi Indicator
6. GPS Indicator
7. Recording Indicator
8. Function Button
9. GPS Cable Connected to DVR (3-Pin Female)
10. GPS Cable (3-Pin Male)
11. GPS Module
12. Microphone Cable Connected to DVR (2-Pin Female)
13. Microphone Cable (2-Pin Male)
14. Microphone
15. Rear Camera Cable Connected to DVR (8-Pin Male)
16. Rear Camera (8-Pin Female)
17. Rear Camera
18. Front Camera Cable Connected to DVR (8-Pin Male)
19. Front Camera Cable (8-Pin Female)
20. Front Camera
21. Power Cable Connected to DVR (4-Pin Male)
22. Power Output Cable (4-Pin Female)
23. ACC Wire (Offers 12V Switch Power Source After Ignition) (Yellow Wire)
24. Positive Terminal of Power Supply (Red Wire)
25. Negative Terminal of Power Supply (Black Wire)
26. Fuse Holder
27. TF Card Port

Installation Diagram



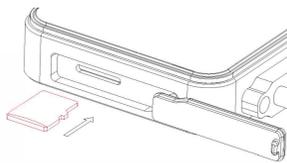
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Installation

Tip: Please refer to the installation diagram and use the accessories in the package to install the product on your bike.

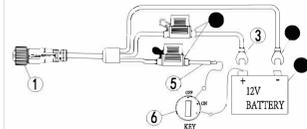
Memory Card Installation

1. Please refer to the illustration to open the cover.
2. Refer to the direction of arrow, correctly insert the TF card, then put the cover back and press it to flat. If the cover is not properly fixed in place, water may enter and damage the DVR



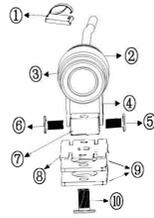
Electrical Connection Instruction

- ① Power Output Cable (Connected To The DVR) (4-Pin Female)
- ② 1A Fuse Holder
- ③ Red Wire (Connected To The Positive Terminal of The Battery)
- ④ Black Wire (Connected To The Negative Terminal of The Battery)
- ⑤ Yellow Wire (Connected To The ACC Wire)
- ⑥ Motorcycle Electric Door Lock
- ⑦ Motorcycle Battery



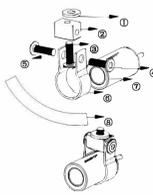
1. Camera Installation Method-1 (With Deformable Metal Plate)

- ① Cable Clip
- ② Camera
- ③ 3M Rubber Cushion
- ④ U-Shaped Bracket
- ⑤ Two M6*8mm Screws
- ⑦ Small Block
- ⑧ Deformable Metal Plate
- ⑨ 3M Double-sided Tape
- ⑩ One M6*12mm Screw



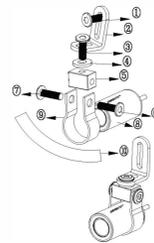
2. Camera Installation Method-2 (Without L-shaped Bracket)

- ① Rubber Mat
- ② Small Block
- ③ One M6*25mm Screw
- ④ Two M6*8mm Screws
- ⑤ U-shaped Bracket
- ⑦ Camera
- ⑧ 3M Rubber Cushion



3. Camera Installation Method-3 (With L-shaped Bracket)

- ① One M6*25mm Screw
- ② L-shaped Bracket
- ③ One M6*12mm Screw
- ④ Rubber Mat
- ⑤ Small Block
- ⑥ Two M6*8mm Screw
- ⑦ U-shaped Bracket
- ⑧ 3M Rubber Cushion



Remote Control Instruction

LED Indicators		Off	Sold on	Flash quickly (flash 5 times/second)	Flash slowly (flash twice/second)	Flash quickly for a long time (flash twice/second)	Flash quickly (flash twice)
Recording	Not working	Recording	No TF card/TF card error	Protected video	Accident video, protected video or parking video recorded under specific conditions	Successfully take and save pictures	
Wi-Fi	Wi-Fi off	Connected	One of cameras disconnected	Connecting			
GPS	GPS off	Connected		Connecting			

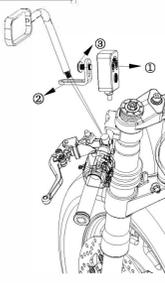
Firmware Updating: Wi-Fi indicator flashes alternately with recording indicator

Instruction of the function button on remote control

1. Saving current video by pressing the button for once.
2. Photo taking by pressing the button twice in a row time.
3. Factory reset by pressing the button for 10 seconds.

Remote Control Installation

- ① Remote control
- ② L-shaped bracket
- ③ One M6*8mm screw



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App Instruction

Download And Installation

iPhone: Please search the **INNOVV** in the Apple store or scan the QR code on the right, and install it on your phone.
Android: Please search the **INNOVV** in the Google play or scan the QR code on the right, and install it on your phone.
Please power on the K7, then search the INNOVV Wi-Fi (INNOVV_K7_xxxx) and connect it with the default password **12345678**.
*The blue light indicator (Wi-Fi) on the K7 remote control will be solid on after the Wi-Fi is connected.



Notice:

1. You may get a message that "Allow INNOVV to Use Your Location?" for the first time when you enter the App, please click "Allow While Using App".
2. You may get a message "INNOVV Would Like to Access Your Photos" for the first time when you enter the App, please click "Allow Access to All Photos".
*Some Android users may get a message that "This WLAN Network Has No Internet Access, Connect Anyway?", please click "CONNECT" to continue the network connection, or the App will not be able to connect to the DVR.
3. You may get a message that "Please Ensure The Device is Connected" in the network connection, please click "OK", or the App will not be able to connect to the DVR.

App Interface

- Recording indicator
- Parking mode indicator
- Accident + video protection indicator
- Quick switch: between front & rear camera
- Full-screen mode
- G-force values
- Longitude and latitude
- Date & time
- Video stamp
- Startstop recording
- Shutter button
- Camera
- Video
- INNOVV official website
- Settings
- Document
- Feedback
- INNOVV forum
- FAQ
- Select videos
- Search videos
- Videos by rear camera
- Videos by front camera
- All videos by front & rear camera
- Files stored locally
- Files stored on DVR
- Files are stored here
- ON & OFF
- Options for speed unit
- ON & OFF
- Wi-Fi Band selection
- Video watermarking
- Display the storage of the TF card
- Display the remaining storage of the TF card
- To format the TF card
- TF card deflection
- Options for rear camera's mirror image
- Options for log recording Time of each video clip
- Options for image preview
- Options for microphone volume
- Time Watermark
- ON & OFF
- Options for G-sensor's sensitivity
- ON & OFF
- Options for light source frequency
- File path for the downloaded files
- Current firmware version number
- Current App version number
- Current Lens version number

The instruction manual was made in Feb 2024. Due to product upgrades, INNOVV reserves the right to make final revisions to the instruction manual without further notice.

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1. TF Card Instruction

The K7 supports TF cards with a capacity ranging from 8GB to 512GB. The selected TF card should have a writing speed higher than U1.

3. How to Update Firmware

1. Copy the firmware (IN-K7-1.bin) to the root of the TF card. (Please use 8 to 32GB TF cards and the TF cards should be formatted into FAT32 in advance.)
2. Insert the TF card into the camera and turn it on, when the remote control blue light and green light blinking alternately, please wait until the lights are off.

*Please do not power off and operate the K7 while it is updating. After the successful upgrade, the K7 will automatically boot up and the red light will solid on. The firmware will be deleted once updating is finished.

6. Microphone Instruction

The open foam cover around the microphone reduces the impact of wind noise. It is recommended to position the microphone in the opposite direction to further minimize wind noise.

8. G-sensor Instruction

There are 5 grades for the G-sensor's sensitivity, adjust the sensitivity of the G-sensor by INNOVV App according to different road conditions.
*The smaller the value, the lower the sensitivity of the G-sensor.

Specification

DVR Parameters			
DVR size	81*56*25mm	Video format	MP4
DVR weight	150g	GPS	10Hz
Color	Black	Input voltage	9-16V
Processor	Dual core A9	ACC input voltage	9-16V
RAM	4G	Working current	12V 0.5A
Sensor	G-sensor, Gyroscope	Working temperature	-30°C-60°C
Storage method	TF card	Storage temperature	-30°C-70°C
Wireless connections	Wi-Fi dual-band 2.4G	Waterproof level	IP67

Camera Parameters				
Front camera	Camera size	Dia 25*45mm	Camera size	Dia 25*45mm
	Max resolution	2K@30FPS	Maximum resolution	2K@30FPS
Rear camera	Field of view	120°	Field of view	120°
	Lens structure	6G+1IR	Lens structure	6G+1IR
Front camera	Aperture	F1.8	Aperture	F1.8
	Cable length	1.5m	Cable length	2m
Rear camera	Weight	110g	Weight	120g

Video Resolution	
Front camera and rear camera	2K@30FPS+2K@30FPS 1080P@30FPS+1080P@30FPS-EIS 1080P@30FPS+1080P@30FPS

Packing List

Items	Quantity
K7 DVR	1 pcs
Front camera	1 pcs
Rear camera	1 pcs
Remote control	1 pcs
Microphone	1 pcs
GPS module	1 pcs
Accessories	1 set
Manual	1 pcs

Customer Support

For more information about INNOVV products and accessories, please refer to www.innovv.com or www.innovv-powersports.com. For any suggestions or customer support, please contact us by sending an E-mail to cs@innovv.com.

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FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Statement

To maintain compliance with FCC'S RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm between the radiator and your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.