

# 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.

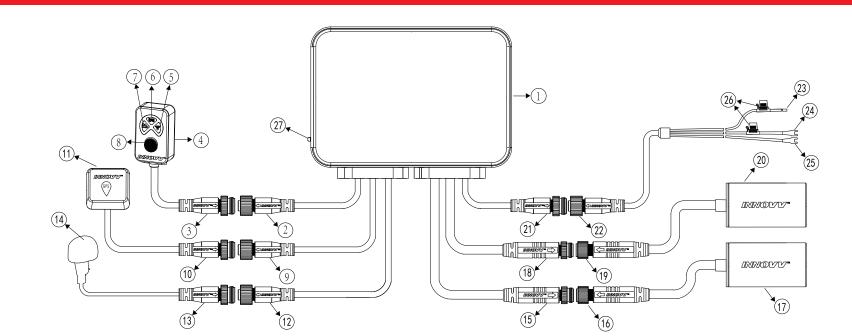
\*The EIS function effectively solves the problem of video blur caused by shaking.

#### **Product Features:**

- 1. Front and rear dual channel recording with resolution 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 (5.8G/2.4G) with faster transmission and more stability.
- 7. The full body is IP67 waterproof to withstand rain and dust outdoors.



### **Product Introduction**



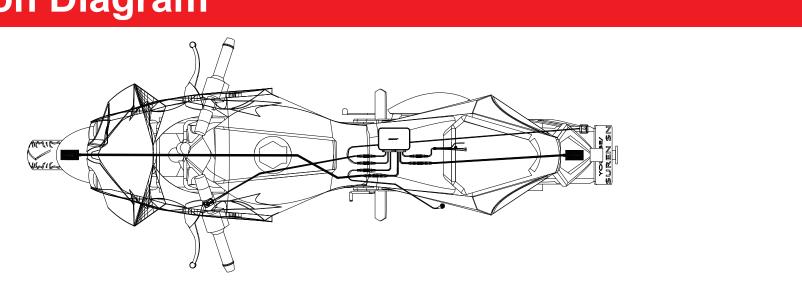
- 1. DVR 2. Remote Control Cable Connected to DVR (6-Pin Female)
- 3. Remote Control Cable (6-Pin Male)
- Remote Control Wi-Fi Indicator
- GPS Indicator 7. Recording Indicator
- 8. Function Button

9. GPS Cable Connected to DVR (3-Pin Female)

- 13. Microphone Cable (2-Pin Male) 14. Microphone
  - 16. Rear Camera Cable (6-Pin Female)
  - 17. Rear Camera
- 10. GPS Cable (3-Pin Male) 11. GPS Module
- Front Camera 12. Microphone Cable Connected to DVR (2-Pin Female) 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) 15. Rear Camera Cable Connected to DVR (6-Pin Male) 24. Positive Terminal of Power Supply (Red Wire) 25. Negative Terminal of Power Supply (Black Wire)
  - 26. Fuse Holder 18. Front Camera Cable Connected to DVR (6-Pin Male) 27. TF Card Port

19. Front Camera Cable (6-Pin Female)

### **Installation Diagram**



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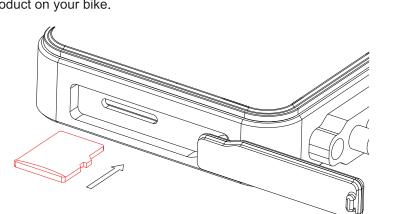
### Installation

**Tips:** 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



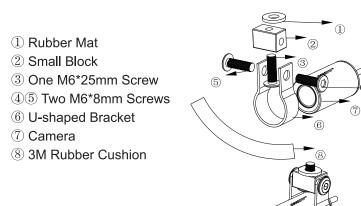
1. Camera Installation Method-1 (With Deformable Metal Plate

### 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)
- Motorcycle Electric Door Lock
- 7 Motorcycle Battery

### 2. Camera Installation Method-2 Vithout L-shaped Bracket)

Remote Control Instruction



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.

**3.** Factory reset by pressing the button for 10 seconds.

2. Photo taking by pressing the button twice in a short time.

LED Indicators

Flash quickly Flash slowly Flash quickly for Flash quickly

a long time (flash twice/second)

protected video

or parking video

specific conditions

(flash twice/

Connecting

# 8 Camera

### ① One M6\*25mm Screw ② L-shaped Bracket ③ One M6\*12mm Screw 4 Rubber Mat ⑤ Small Block 67 Two M6\*8mm Screw 9 U-shaped Bracket 10 3M Rubber Cushion

3. Camera Installation Method-3 (With L-shaped Bracke

take and save

① Cable Clip

<sup>☼</sup> Small Block

③ 3M Rubber Cushion

4 U-Shaped Bracket

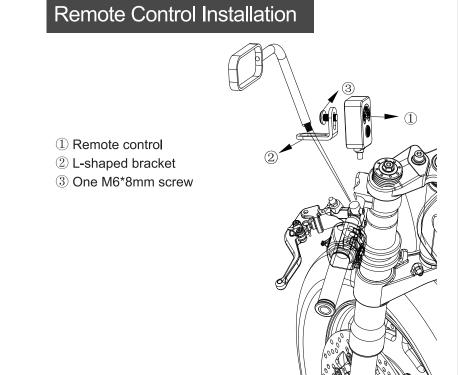
5 6 Two M6\*8mm Screws

**8** Deformable Metal Plate

9 3M Double-sided Tape

① One M6\*12mm Screw

② Camera



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570\*420mm



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# Protect Your Road Trip and Record Fun On The Way

### 1. TF Card Instruction

The K7 supports TF cards with a capacity ranging from 8GB to 512GB. The selected Enter the mobile APP to pause the recording. 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. Apple Download Android Download \*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.

### If the Parking Mode has been enabled with the INNOVV App on your phone, the INNOVV K7 will provide around-the-clock protection even when you are away and the engine is not running. The K7's smart power supply module triggers parking

App on your mobile phone.

7. Parking Mode Instruction

**Troubleshootings** 

3. The DVR is not working after motorcycle ignition is on.

Please check the yellow ACC wire is connected correctly.

1. Please check if the microphone is off in the App settings.

. Use the app on a mainstream mobile phone for a better experience.

lenses with dust-free cloth.

4. The Wi-Fi can not be found.

5. Forget the Wi-Fi password.

6. There is no audio in the video.

7. GPS indicator light flashes or light off.

shell or cable blocks the host.

1. The camera is shaking during riding, and the videos are jittery.

4. Factory Reset

mode automatically, and the INNOVV K7 will wake up and start recording when an impact or motion is detected by the Built-in G-sensor. In order to make the Parking Mode function properly, please make sure that the INNOVV K7 should always be connected to a power source. The red wire and the black wire of the converter shall be connected to the motorcycle battery's positive terminal and negative terminal separately. The yellow cable shall be connected to the ACC wire. Lastly, the output voltage of the battery shall be at least 12.5 V.

Please check if the camera is parallel to the ground and confirm if the screws are tightened enough.

Please check if the blue light on the remote control is flashing. If the blue light is not on, turn off the

Please long-press the Function Button on the Remote Control for 10 seconds to reset the K7 to the factory default settings. Then, reconnect the K7's Wi-Fi using the default password 12345678.

1. Flashing light: Please make sure the GPS antenna is installed in a reasonable position, make sure side is facing the sky and there are no metal wires or the like blocking the upper part of it.

Check whether the host is properly installed. Ensure that the text faces upward and no metal

2. Please check if the microphone's connectors is loosened or damage to the wiring harness.

ignition, shut down K7, then turn on the ignition and restart K7 to activate Wi-Fi.

The video is blurry.Please check if the lenses are clean without any finger marks, dust or other smudges, and wipe the

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Factory reset by pressing the remote control button for 10 seconds.

When using INNOVV K7 for the first time, please first connect your mobile phone to

the INNOVV K7 camera system through the Wi-Fi network. Then enter settings →

Advanced settings → Time calibration and calibrate the time through the INNOVV

2. Pause Recording Instructions

5. Time Calibration Instructions

### **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 0.6A		
Sensor	G-sensor, Gyroscope	Working temperature	-30°C -60°C		
Storage method	TF card	Storage temperature	-30℃-70℃		
Wireless connections	Wi-Fi dual-band (2.4G/5.8G)	Waterproof level	IP67		

Camera Parameters				
ze	Dia 25*45mm		Camera size	Dia 25*45mm
ution	2K@30FPS		Maximum resolution	2K@30FPS
ew	120°	Door comerc	Field of view	120°
ture	6G+1IR	Rear camera	Lens structure	6G+1 <b>I</b> R
	F1.8		Aperture	F1.8

Cable length	1.5m		Cable length	2m		the text side is facing the sky and there are no metal wires or the like blocking the upper part of it.  2. Light off: Please check if the connector of the GPS antenna is loosened or the wiring harness is
Weight	110g		Weight	120g		damaged.
Video Resolution						<ul><li>8. Video frozen when it is played or downloaded in the App.</li><li>1. The distance between phone and the camera should be within 2m, and make sure there are no</li></ul>
	I				1	

### 2K@30FPS+2K@30FPS Front camera and rear camera

### 1080P@30FPS+1080P@30FPS+EIS 1080P@60FPS+1080P@60FPS

### Packing List

Search videos

All videos by front & rear camera

Current firmware version number

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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

### **Notices 1.** The INNOVV K7 is a high-precision product that should not be dropped or severely impacted.

2. Please follow guidance of this user manual in order to avoid any damage to the DVR or TF card due
to wrong operation.
3. Please power the K7 with a standard 12V power supply, an unqualified one may cause product failure
such as start-up failure, shut down randomly, or even damage the DVR.
4. When installing the DVR and cables, keep away from heat source and electromagnetic interference to

avoid DVR failure. 5. Before connecting the aviation plug, please ensure that the waterproof rubber ring is intact to prevent issues such as waterproof failure and water leakage.

6. Please select a TF card with a writing speed higher than U1, unqualified TF cards may cause failure. 7. Do not install the DVR near objects with strong magnets, such as magnets and motors, to avoid

product failure or damage to images, sounds, etc. 8. Please do not keep the TF card close to objects with strong magnetic to avoid any TF card file loss.

### 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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## App Instruction Download And Installation

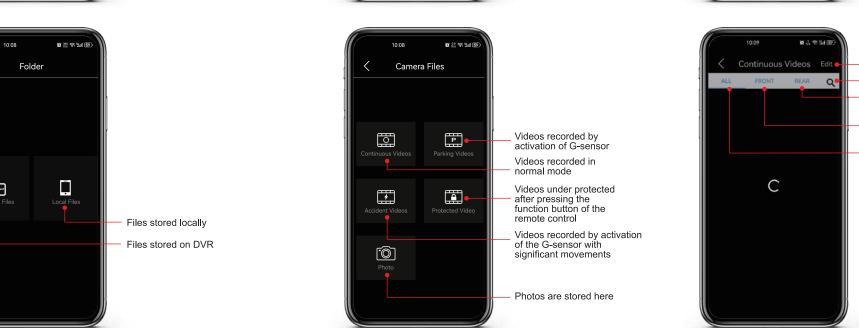
**iPhone:** Please search the *INNOVV* in the Apple store or scan the QR code on the right, and install it on your phone. Android: Please search the INNOVV in the Google play or scan the QR code on the right, and install it on your phone. Please power on the K7, then search the INNOVV Wi-Fi (INNOVV\_K7\_xxxx) and connect it with the default password 1234567

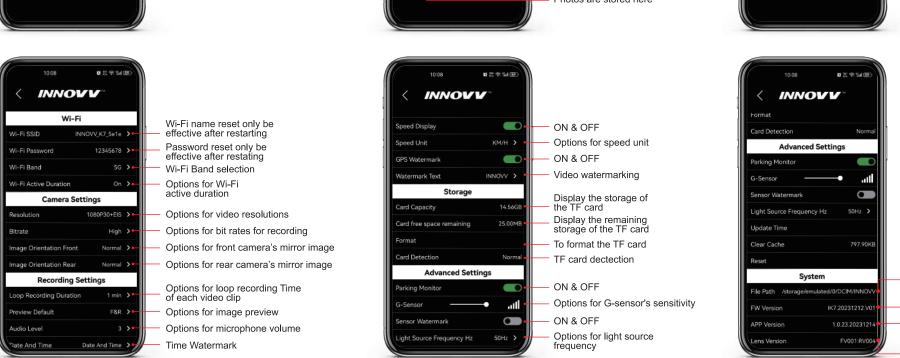
\*The blue light indicator (Wi-Fi) on the K7 remote control will be solid on after the Wi-Fi is connected.

- 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







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.