INNOVV™

Protect Your Road Trip and Record Fun On The Way

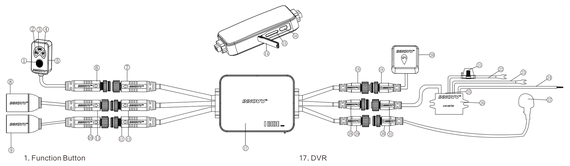
INNOVV K3 Dash Cam

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

INNOVV K3 Product Overview

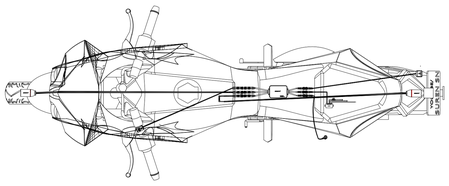
1. The INNOVV K3 dash cam features dual cameras to provide complete coverage around you, capturing footage in Full HD 1080P at 30 FPS.
2. It is equipped with the Wi-Fi and GPS module, allowing you to access and share routes, tracks and waypoints via INNOVV App.
3. Both of the DVR and cameras are certified with an IP67 rating.
4. Both cameras are constructed of durable and lightweight aerospace aluminum alloys, enabling a better anti-electromagnetic interference capability.
5. It adopts the intelligent DC converter for power supply to better protect the device from battery draining problem.
6. It runs faster and has better performance with dual-core processors on the DVR.
7. It is easy and flexible to install with its small size and smart design.

Brief Introduction



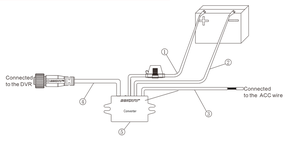
1. Function Button
2. Recording Indicator
3. GPS Indicator
4. Wi-Fi Indicator
5. Remote Control
6. Remote Control Cable (6-pin male)
7. Remote Control Cable Connected to DVR(6-pin female)
8. Front Camera
9. Rear Camera
10. Rear Camera Cable (6-pin female)
11. Front Camera Cable (6-pin female)
12. Rear Camera Cable Connected to DVR (6-pin male)
13. Front Camera Cable Connected to DVR (6-pin male)
14. Waterproof Silicone Plug
15. TF Card Port
16. USB Port
17. DVR
18. GPS Cable Connected to DVR(3-pin female)
19. GPS Cable (3-pin male)
20. GPS Module
21. Fuse Holder
22. Positive Terminal of Power Supply
23. Negative Terminal of Power Supply
24. ACC Wire (Offers 12V switch power source after ignition)
25. Power Indicator (Blue light on means there is 5.3V voltage)
26. DC Converter
27. Microphone
28. Power Input Cable Connected to DVR(3-pin male)
29. Microphone Cable Connected to DVR (2-pin female)
30. Microphone Cable (2-pin male)
31. Power Output Cable (3-pin female)

Motorcycle Installation Demo



The Installation Guide

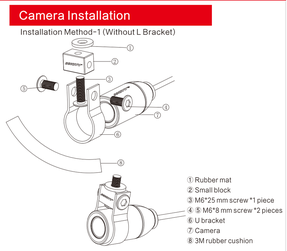
Converter Installation



① Red wire (connected to the positive of battery)
② Black wire (connected to the negative of battery)
③ Yellow wire (connected to the 12V switched power source, like head light, tail light, horn and others which are associated to the ignition)
④ Power output cable (connected to the DVR)
⑤ Converter

Camera Installation

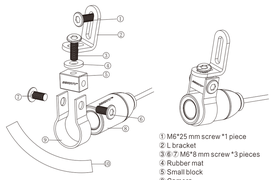
Installation Method-1 (Without L Bracket)



① Rubber mat
② Small block
③ M6*25 mm screw *1 piece
④ ⑤ M6*8 mm screw *2 pieces
⑥ U bracket
⑦ Camera
⑧ 3M rubber cushion

Camera Installation

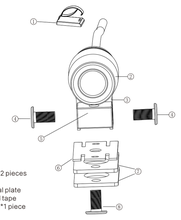
Installation Method-2 (With L Bracket)



① M6*25 mm screw *1 piece
② L bracket
③ ⑥ ⑦ M6*8 mm screw *3 pieces
④ Rubber mat
⑤ Small block
⑧ Camera
⑨ U bracket
⑩ 3M rubber cushion

Camera Installation

Installation Method-3 (With Deformable Metal Plate)



① Cable clip
② Camera
③ U bracket
④ M6*8mm screw *2 pieces
⑤ Small block
⑥ Deformable metal plate
⑦ 3M double-sided tape
⑧ M6*12mm screw *1 piece

Remote Control Instruction

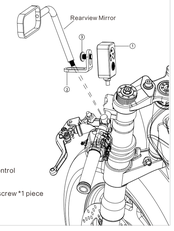
LED Indicators

Status	Off	Solid On	Flash quickly (5 flashes per second)	Flash slowly (1 flash per second)	Flash quickly for a long time (2 flashes updated every second)	Flash quickly (only 1 flash)
	Not working	Recording	No TF Card/ TF Card Error	Not recording	Accident video, protected video or parking video is recorded under specific conditions.	Successful photo taking by pressing the button twice in a short time.
	Wi-Fi off	Connected	R camera unconnected or disconnected	Connecting	/	/
	GPS off	Connected	/	Connecting	/	/
Firmware Updating	Three indicators flash simultaneously					

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 short time.
3. Factory reset by pressing the button for 10 seconds.

Remote Control Installation



① Remote control
② L bracket
③ M6*8 mm screw *1 piece

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App Installation Guide

App Download

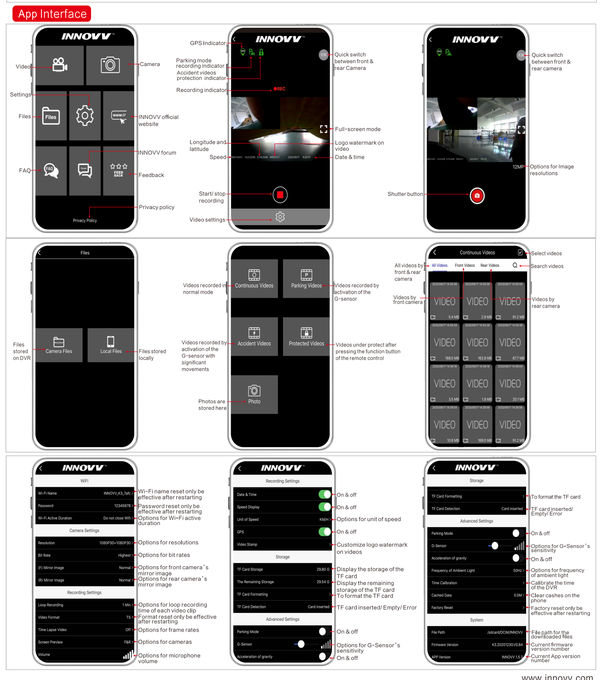
Android User: Search INNOVV in Google Play Store, then download and install it on your phone.
iPhone User: Search INNOVV in App Store, then download and install it on your phone.

With the DVR working normally and the Wi-Fi indicator lights on, please kindly turn on the Wi-Fi and then search the Wi-Fi network named INNOVV_K3_xxxx, and you could easily join it with the default password 12345678.

Some Android users may get the error message that "This WLAN network has no Internet access. Connect anyway?" Please kindly click the "Connect" button to continue the network connection.

For Android Device　　For Apple Device

App Interface



TF Card Instruction

INNOVV K3 dash cam requires at least a U1 (UHS Speed Class 1), V10 (Video SpeedClass 10) rated or faster TF card to ensure better performance.

Video Speed Class Mark: V30
UHS Speed Class Mark: U3

The INNOVV K3 could support up to **256GB** TF card capacity to enable long recording times.

Microphone Instruction

An open foam cover around the microphone is used as the first line of defence against wind noise. You are suggested to put the microphone against the heading direction to further minimize the wind noise.

Parking Mode Instruction

If the Parking Mode has been enabled with INNOVV App on your phone, INNOVV K3 will provide around-the-clock protection when you are away and even the engine is not running. The K3's smart power supply module triggers parking mode automatically, and the INNOVV K3 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 K3 should always be connected to a power source. And 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. The output voltage of the battery shall be at least 12V.

G-Sensor Instruction

There are 5 grades for the G-sensor's sensitivity and each grade has 2 options. Users could easily adjust that with INNOVV App according to different road conditions. The smaller the number is, and the less sensitive the G-sensor is.

Specification

Model		K3	
Structure Parameters		Parameters of Lens	
Installation	Quick assembly with 3M double side tape	F Lens: Maximum Resolution	1080P@30FPS
DVR Size	80*56*15 mm	F Lens: Viewing Angle	120°
Lens Size	Dia 25*34 mm	F Lens: Structure	6G+IR
Weight	/	F Lens: Aperture	F1.8
Color	Black	R Lens: Maximum Resolution	1080P@30FPS
Waterproof Rating	IP67	R Lens: Viewing Angle	120°
		R Lens: Structure	6G+IR
		R Lens: Aperture	F1.8
Parameter of DVR		Parameter of Converter	
Processor	Dual-core	Voltage Input	9~18V
RAM	4G	ACC Input	9~18V
Sensor	G-Sensor	ACC Output	5.0V ± 0.2V
Storage	TF card	Voltage Output	5.3V ± 0.2 V
Wi-Fi	2.4 Ghz	Max Current	2A
Data Interface	Micro USB	Working Temperature	-30℃~70℃
Video Format	MP4 / TS		
GPS			
Working Temperature	-30℃~70℃		
Voltage Input	5.0V ± 0.5V		

Basic Troubleshooting Guidelines

Number	Problems	Solutions
1	Recording Indicator flashes slowly and it is not working.	Please kindly check the TF card first or try to use another TF card.
2	The recording videos are blurry and the sharp details are lost.	Please kindly clean the camera lens with a lens tissue or cleaning cloth.
3	The DVR is not working after motorcycle ignition.	Please kindly check the yellow ACC wire and other cable connection first.
4	There is no videos by rear camera.	Please kindly check the rear camera connector and related cables.
5	There are many videos recorded in normal mode are saved in file named accident videos.	Please kindly decrease the sensitivity of the G-sensor in settings with INNOVV App.
6	There is no sound in all videos.	Please kindly make sure you have turned on the Microphone. If that still fails, please kindly turn off the time-lapse video in settings with INNOVV App.

Important Notice

Please make sure that the Microphone cable is not close to the GPS cable.

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