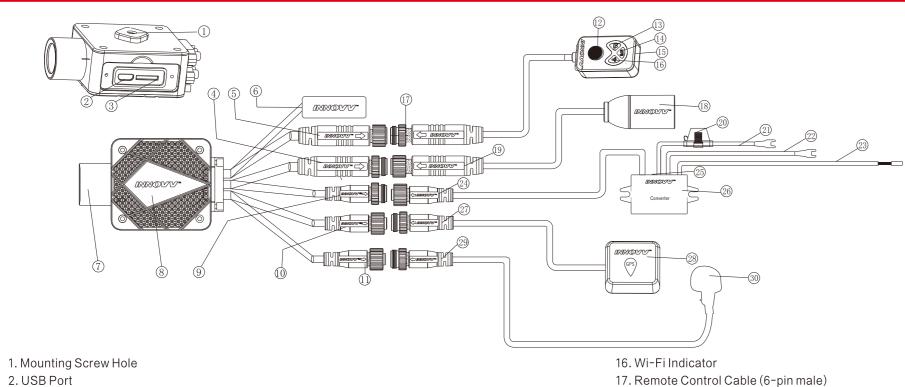


**INNOVV K5 Dash Cam** Intended For Powersports (Motorcycles, ATVs, UTVs & Others)

## INNOVV K5 Product Overview

- 1. INNOVV K5, is the brand new 4K motorcycle dash cam that records the real 4K video (over 8 million pixels) at 30FPS with its front camera and 1080P HD quality video at 30FPS with its rear camera.
- 2. It features dual band Wi-Fi (2.4 GHz/ 5.8 GHz) with faster transmission and more stability. 3. The whole unit is certified with an IP67 rating, and it is absolutely alright to use on raining
- 4. The whole unit is constructed of durable and lightweight aerospace aluminum alloys, enabling a better anti-electromagnetic interference capability. 5. It uses the intelligent DC converter for power supply to better protect the device from battery draining problem. 6. It runs faster with A53 dual-core processor on DVR.
- 7. It offers the high level video quality and saves storage space by using the high efficiency video coding (H.265). 8. It is easy and flexible to install with its small size and smart design.

# Brief Introduction



18. Rear Camera

20. Fuse Holder

26. DC Converter

28. GPS Module

30. Microphone

27. GPS Cable (3-pin male)

29. Microphone Cable (3-pin male)

19. Rear Camera Cable (6-pin female)

21. Positive Terminal of Power Supply 22. Negative Terminal of Power Supply

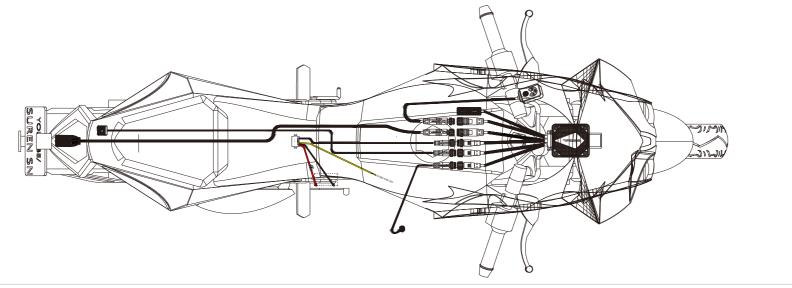
24. Power Output Cable (3-pin female)

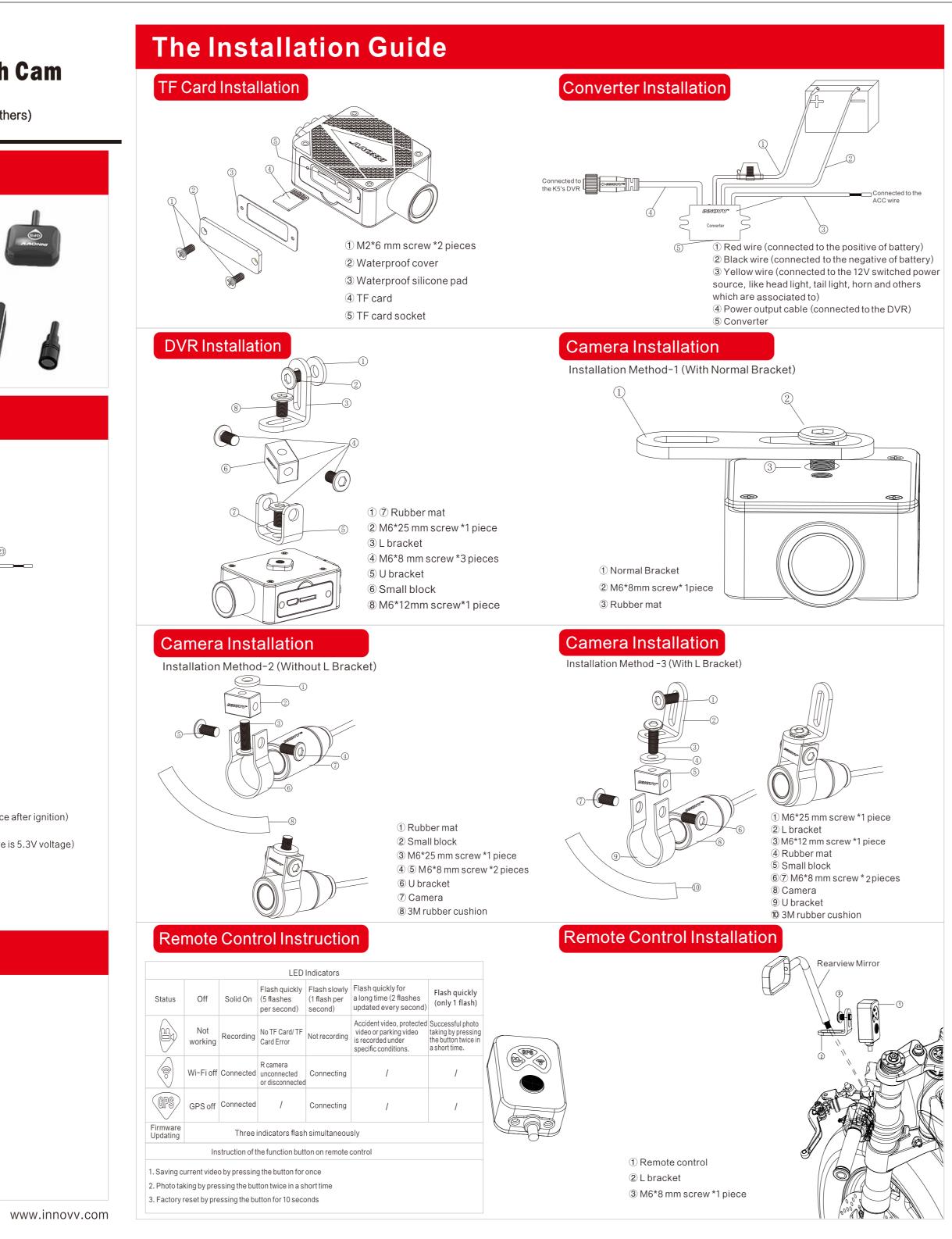
23. ACC Wire (Offers 12V switch power source after ignition)

25. Power Indicator (Blue light on means there is 5.3V voltage)

- USB Port
- TF Card Port
- 4. Rear Camera Cable Connected to DVR (6-pin male) 5. Remote Control Cable Connected to DVR (6-pin female)
- 6. Wi-Fi Antenna 7. Front Camera
- 8. DVR 9. Power Cable Connected to DVR (3-pin male)
- 10. GPS Cable Connected to DVR (3-pin female) 11. Microphone Cable Connected to DVR (3-pin female)
- Function Button Recording Indicator
- 14. GPS Indicator Remote Control

## Motorcycle Installation Demo







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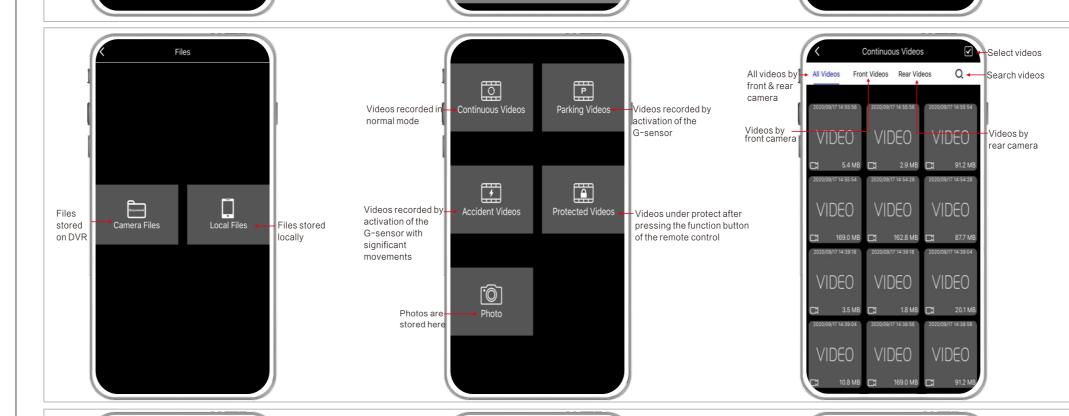
For Android Device For Apple Device

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\_K5\_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.







### TF Card Instruction

INNOVV K5 innovates with the Sony 8-megapixel sensor on its front camera, producing high-quality 4K Ultra HD video. It is significantly larger than 1080p and as a result re quires a lot more storage space. One minute of 4K video at 30 FPS will require a 375 MB. Therefore, you are suggested to use a U3 (UHS Speed Class 3), V30, V60, or V90 (Video Speed Class 30, 60, 90) rated TF card. Please kindly check the UHS Speed Class Mark and the Video Speed Class Mark as below.



Video Speed Class Mark: V30

———UHS Speed Class Mark: U3

The INNOVV K5 could support up to 512GB TF card capacity to enable longer recording times.

### -Fi Connection Instructio

The INNOVV K5 is compatible with dual-band Wi-Fi, and the 5.8 Ghz Wi-Fi band is enabled by default. If you fail to search the K5's Wi-Fi, please kindly check whether your phone could support the 5.8 Ghz Wi-Fi or not first. You could kindly check those smartphones which could support 5.8 Ghz Wi-Fi and play 4K videos smoothly from https://www.innovv.com/smartphone-list. If not, please kindly download the latest firmware (With Default 2.4 Ghz Wi-Fi) from INNOVV website via https://www.innovv.com/downloads and follow the instruction to update to the latest firmware.

### Time Calibration Instruction

When use the INNOVV K5 for the first time, please kindly connect your phone to the INNOVV K5 dash cam system via Wi-Fi network first and then go to Settings→Advanced Settings→Time Calibration to calibrate the time via INNOVV App on your phone.

### 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.

If the Parking Mode has been enabled with INNOVV App on your phone, INNOVV K5 will provide around-the-clock protection when you are away and even the engine is not running. The K5's smart power supply module triggers parking mode automatically, and the INNOVV K5 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 K5 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 12V.

### S-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.

| Model                | K5   |                        |                    |             |
|----------------------|--|------------------------|--------------------|-------------|
| Structure Parameters |  | Parameters of Lens     |                    |             |
| Installation         | Side mounted/ Front mounted                  | FLens                  | Maximum Resolution | 4K@30FPS    |
| Size                 | 52*48*25mm                                   |                        | Viewing Angle      | 120°        |
| RLens                | Dia 25*L52mm                                 |                        | Structure          | 7G+1IR      |
| Weight               |  |                        | Aperture           | F1.8        |
| Color                |  | R Lens                 | Maximum Resolution | 1080P@30FPS |
| Waterproof Rating    | IP67   |                        | Viewing Angle      | 120°        |
|                      |  |                        | Structure          | 6G+1IR      |
|                      |  |                        | Aperture           | F1.8        |
| Parameter of DVR     |  | Parameter of Converter |                    |             |
| Processor            | A53 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 ± 0.2V |
| Wi-Fi                | Dual-band transmission<br>(2.4 Ghz/ 5.8 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                                  |                        |                    |             |

Video resolutions for K5's front and rear cameras 4K@30FPS+1080P@30FPS; 4K@30FPS+720P@30FPS; 2K@60FPS+1080P@30FPS; 2K@60FPS+720P@30FPS; Front Camera & Rear Camera 1080P@96FPS+1080P@30FPS;1080P@96FPS+720P@60FPS;

### Please kindly check the TF card Recording Indicator flashes first or try to use another slowly and it is not working. The recording videos are blurry Please kindly clean the camera lens and the sharp details are lost. with a lens tissue or cleaning cloth. Please kindly check the yellow The DVR is not working after ACC wire and other cable motorcycle ignition. connection first. There is no videos by rear camera. Please kindly check the rear camera connector and related cables. There are many videos recorded Please kindly decrease the 5 in normal mode are saved in file sensitivity of the G-sensor in named accident videos. settings with INNOVV App.

Please kindly make sure you have turned on the Microphone. 6 There is no sound in all videos. If that still fails, please kindly turn off the time-lapse video in settings with INNOVV App.

### Important Notice

1. Don't bend the Wi-Fi antenna sharply or kink it.

720P@96FPS+1080P@30FPS; 720P@96FPS+720P@60FPS;

2. The chipset in DVR may run hot due toheavy use. The whole DVR device is constructed of aerospace aluminum alloys and it spreads the heat well. Please be careful of the over-heating on DVR's case (about 122 °F) after heavy use.

3. Keep wires away from easily overheating areas, such as engine and exhaust during installation.



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