

**Product Overview**

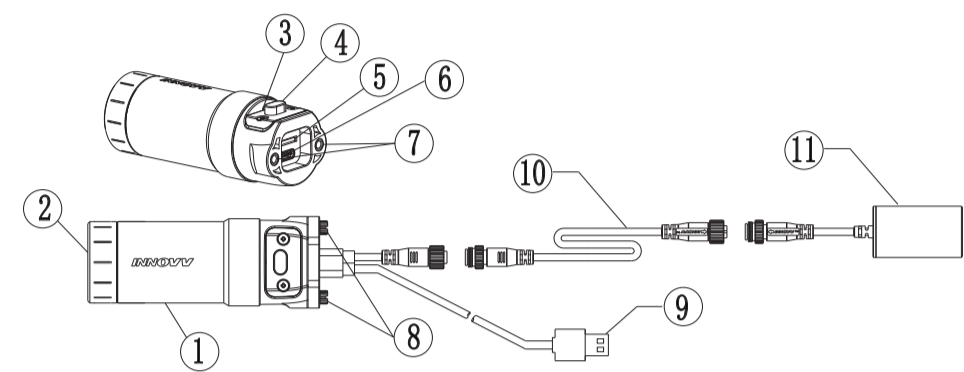
The INNOVV K6 is a high-end mini camera system with 2K & 1080P which is specially designed for Motorcycles and E-Bikes, featured with industrial-leading technology in the video recording area. The QHD video footage ensures that you will never miss a wonderful moment during your trip. The small and durable Aluminium Alloy case ensures an easy installation.

**Product Features:**

1. Dual-Camera with 2K@30FPS & 1080P@30FPS.
2. F2.0 aperture and QHD lens offering a good footage quality with less distortion.
3. Supports up to 256GB TF card.
4. H.265 video coding technology ensures a smaller video size, which helps you save more videos.
5. The camera will be powered by an external power supply from the USB cable, which makes you less anxious about recording time.
6. Easy installation thanks to its small and light body.
7. IP67 rate, superior performance against water, dust and also excellent performance in high & low-temperature environments.



**Brief Introduction**



1. DVR
2. Front camera
3. Internal microphone
4. Button/Indicator
5. TF card input port
6. USB Type-C port
7. Screw-holes
8. Thumb screws
9. USB cable
10. Extension cable
11. Rear camera

**Product Function**

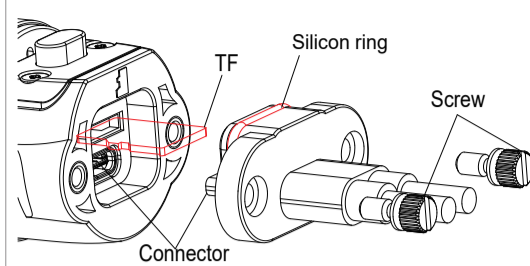
1. **Recording Pausing:** Please go to the App and press to stop the recording.
2. **Taking Pictures:** Please go to the App and press to take a picture.
3. **Copy the Videos:** Take out the TF card from the DVR, or connect the K6 to the PC, you can copy the videos to your computer easily.
4. **Factory Default Settings:** Restore the default settings by holding the button for more than 10 seconds when the camera is on, release the button when the red light starts to blink (please notice that the red light will off for a while before blinking). Blinking red light indicates that the factory default setting is done.
5. **Firmware Updating** (\*Important: the power should not be cut off during below steps)  
Step 1: Copy the firmware (K6.bin) to the root of TF card.  
\*8GB and 32GB TF cards should be formatted into FAT32 in advance.  
Step 2: Insert the TF card into the DVR then turn on the camera by holding the button, the red light will flash at low light, release the button and wait for a few seconds till the updating finishes, the K6 will automatically turn on after the updating, and the firmware in the card will be automatically deleted as well.

**TF Card Instruction**

1. You are suggested to select a TF card fits for K6 with a capacity from 8GB to 256GB. The TF card should have a writing speed higher than U3.
2. In order to get better compatibility, please connect INNOVV App in your mobile phone with K6, then format the TF card in the App settings.
3. Please insert the TF card and connect the Type-C connector to the DVR with the guidance of this manual to avoid any DVR or TF card damages.

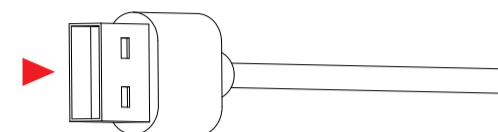
**Installation**

**TF Card & Connector Connection**



1. Unscrew the screws by a wrench or hand.
  2. Hold the DVR and pull out the Type-C connector, insert the TF card into the card slot, please refer to the left picture.
  3. Please Confirm the TF card is inserted properly and the silicon ring is placed correctly, then connect the Type-C connector cable back to the DVR and tighten the screws (Please partially and alternately tighten between both screws).
- \*Please note product failures such as recording failure or water leakage will be caused by improper TF card insertion or unsealed silicon ring.

**Power Supply Information**

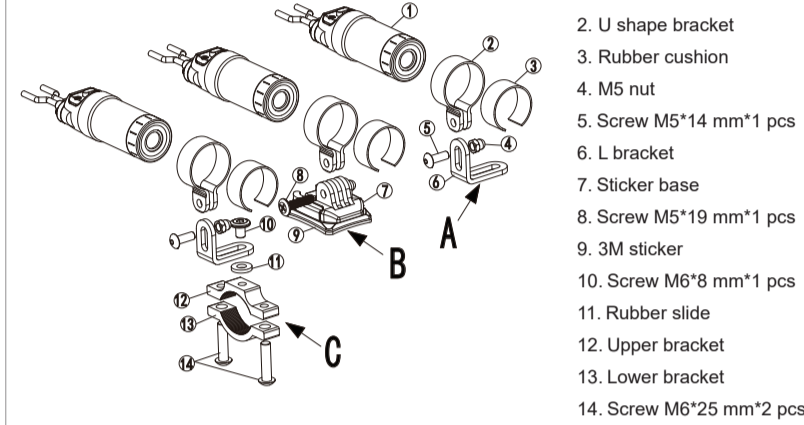


The INNOVV K6 is designed to be powered by a standard external power supply with a USB port, it requires the power supply with DC 5V±0.5V/2A±0.5A.  
\*Power bank, USB Power outlet, mobile phone adaptor and other standard 5V USB power supplies are recommended, an unqualified one may cause product failures such as start-up failure, shut down randomly, or even damage the DVR.

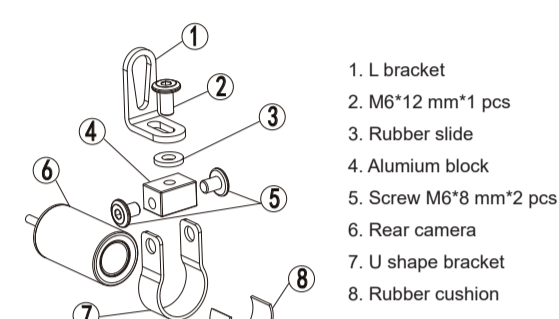
**Product Installation**

\*Please install the camera system by following the guidance below

**DVR Installation**

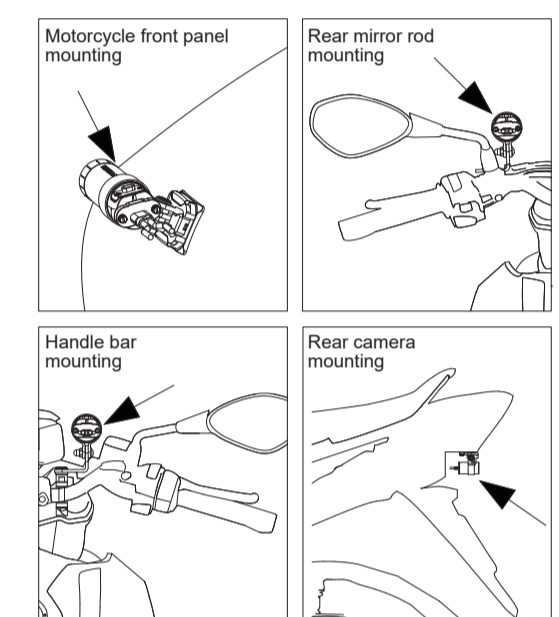


**Rear Camera Installation**



**Installation Position and Wiring Arrangement**

- Notice:
1. To avoid cable breakage, please reserve enough length of cable in the front of the bike.
  2. In order to get a better video angle, please go to the App preview interface while installing the system.
  3. All cable connectors should be mounted in place and locked, please reserve enough the length of the cable connector to avoid strong extrusion and bending phenomena, and damage to the connector or wire harness.
  4. Please use cable ties to fix all cables, which make the installation neat and also avoid damages.



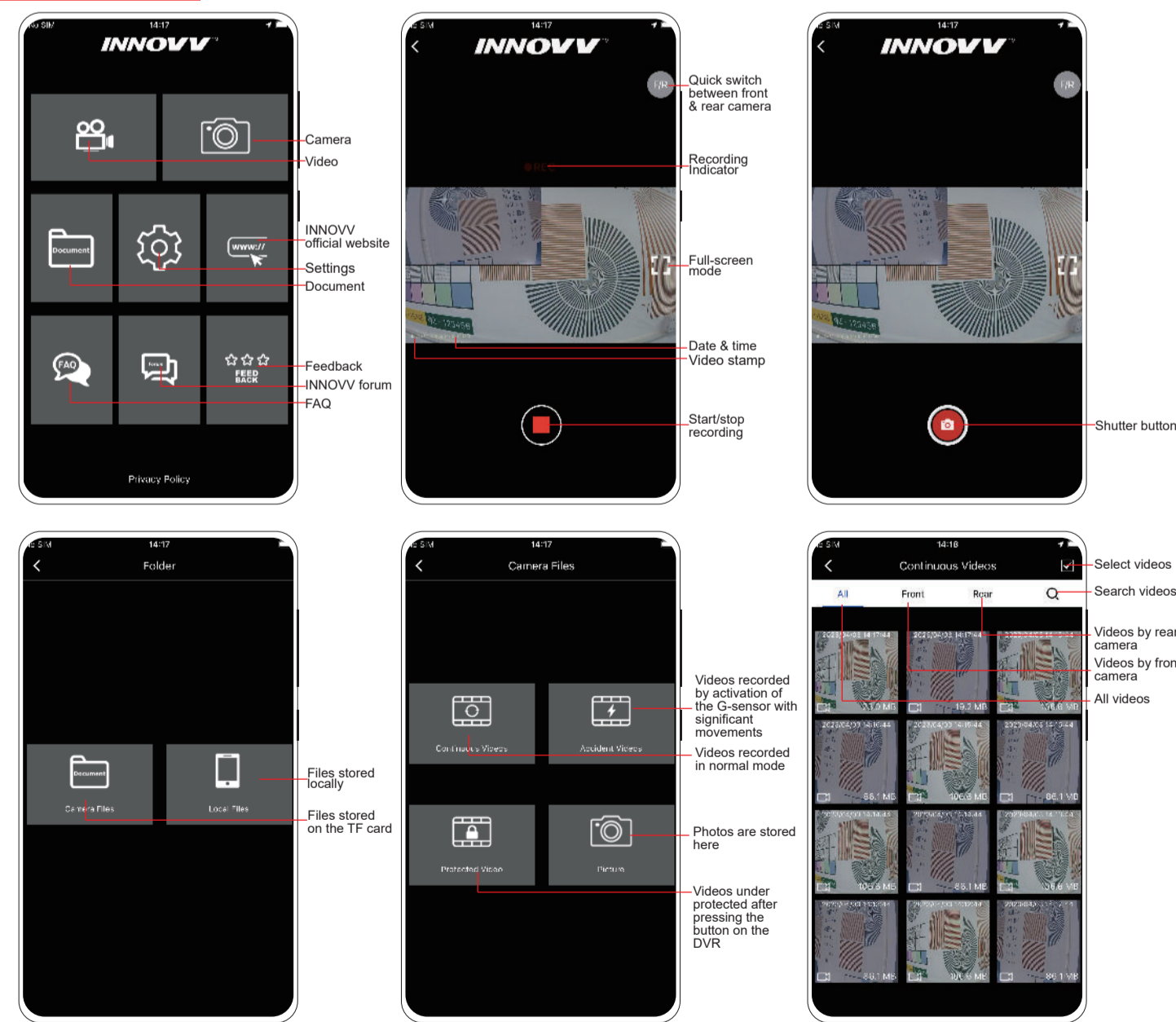
**App Operation**

**App Download**

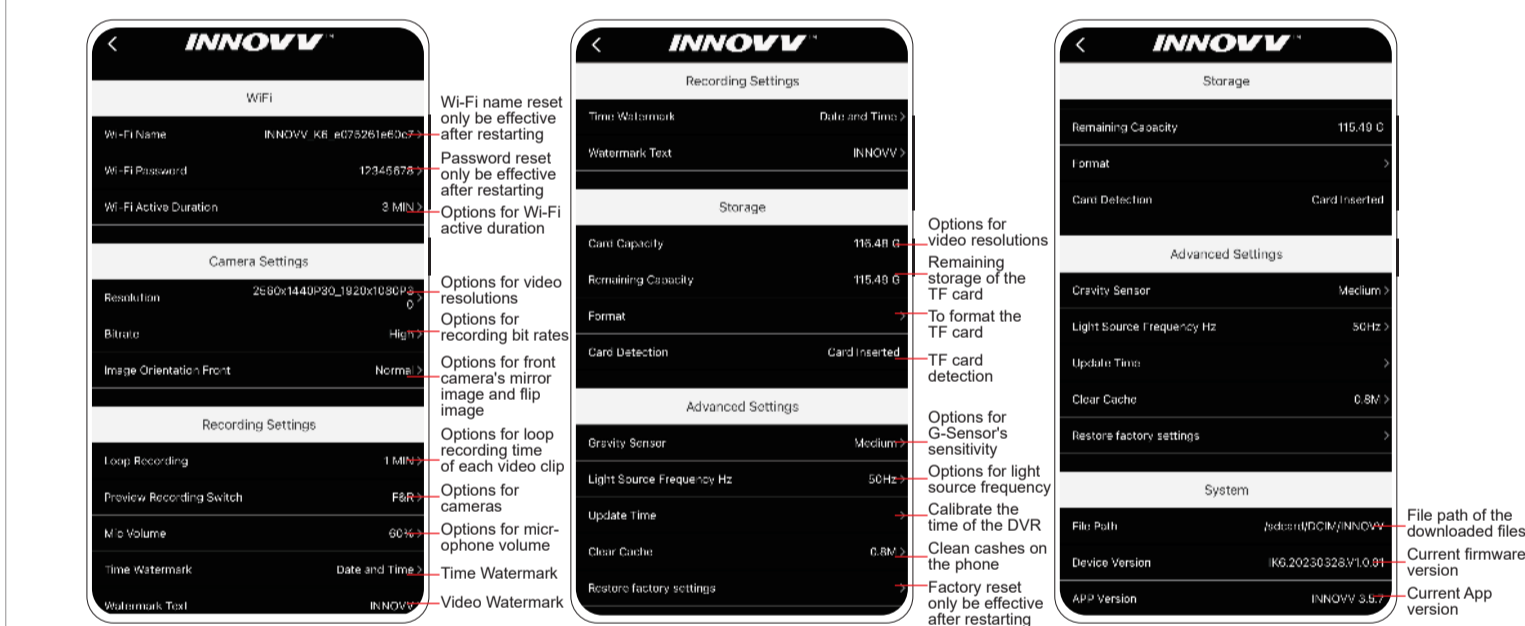


**iPhone:** Please search the INNOVV App in the Apple store or scan the QR code on the right, and install it on your phone.  
**Android:** Please search the INNOVV App in the Google play or scan the QR code on the right, and install it on your phone.  
Please power on the K6, then search the INNOVV Wi-Fi (INNOVV\_K6\_xxxx) and connect it with the default password 12345678.  
\*The green light indicator in the K6 DVR 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**



The instruction manual was made in May 2023. Due to product upgrades, INNOVV reserves the right to make final revisions to the instruction manual without further notice.



**Indicator Instructions**

Operation	App Interface	Button & Light Indicators Status
Turn On / Recording	Button	Red Light / Recorder
Turn Off	Hold the button for 3 seconds	Solid On
Protect a Picture	Flash twice in a very short time	Off
Paused Video	Short press the button	Flash Once
Wi-Fi Connecting	Double Click	Flashing
Record Pause	Flashing	Flashing
TF Card Faulty	Warning in the "Card Detection"	Quick Flashing
Firmware Updating	Flashing	Alternate flashing between red lights
Wi-Fi Disconnected	Flashing	Flashing
Wi-Fi Connected	Flashing	Solid On
Wi-Fi Off	Flashing	Off

**Specifications**

Model	K6
Structure Parameters	Parameters of Lens
DVR Size	28*26 mm
Max Resolution	2K@30FPS
Rear Camera Size	27*45 mm
Front Field Of View	140°
Weight	10g
Camera Lens Structure	2K@30+1R
Aperture	F2.0
Minimum Rate	10FPS
Max Resolution	1080P@30FPS
Storage	TF Card
Capacity	8GB - 256GB
Field Of View	120°
Sensor	CMOS Sensor
Lens Structure	6G+1R
Aperture	F1.8
Wireless Connection	Wi-Fi 2.4G
Video Format	Mp4
Input Voltage/Current	5V/2A (Standard USB power supply)
Video Coding	H.265
Working Temperature	-20°C - 60°C
Storage Temperature	-20°C - 70°C
Data Interface	USB Type-C

**Troubleshootings**

No.	Problems	Solutions
1	The camera is shaking during riding, and the videos are jittery.	Please check if the camera is parallel to the ground and confirm if the screws are tightened enough.
2	The DVR mount get loose even though the screws are tightened.	Please add a silicon plate to strengthen the resistance between the bracket and handle bar.
3	The video is blurry.	Please check if the lenses are clean without any finger marks, dust or other smudges, and wipe the lenses with dust-free cloth.
4	The K6 can not be turned on, or shut down automatically.	Please check if the power supply is with DC 5V / 2A.
5	The K6 fails to record and the red light is flashing.	Please check if the TF card is inserted properly or select another TF card and try again.
6	The K6 Wi-Fi can not be found.	Please check whether the green light on the DVR is blinking or not, please press the button twice for a short time to activate the Wi-Fi if you find the green light is not on.
7	Forgot the password of the INNOVV Wi-Fi.	Please reset the DVR to default setting. The default password is 12345678.
8	There is no audio in the video.	1. Please check if the microphone is off in the App settings. 2. Please check if the microphone input hole in the DVR is blocked or not.
9	Video frozen when it is played or downloaded in the App.	1. The distance between your phone and the camera should be within 2m, and be sure there is no obstacle or interference around. 2. You are suggested to operate the App on a mainstream mobile phone to get a better experience.

**Packing List**

Item	Quantity
DVR (Front Camera)	1 piece
Rear Camera	1 piece
Accessory Package	2 sets
Manual	1 piece

**Customer Support**

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

**Important Information**

1. The INNOVV K6 is a high precision product which should not be dropped or severely impacted.
2. Please insert the TF card and connect the connector by the guidance of this user manual in order to avoid any damage of the DVR or TF card due to wrong operation.
3. Please power the K6 with a standard 5V power supply, an unqualified one may cause product failures such as start-up failure, shut down randomly, or even damage the DVR.
4. To avoid any water leak, waterproof failure, or connection failure, please confirm the silicon ring is placed correctly before connecting the connector into the DVR.
5. Please select a TF card with a writing speed higher than U3, unqualified TF cards may not work properly.
6. Strong magnetic area such as magnet or electronic motor will cause product failures such as video quality problems and audio problems. Please keep the DVR away from them.
7. Please do not keep the TF card close to objects with strong magnetic to avoid any TF card file loss.
8. Please store the K6 in a dry, cool, dust-free and proper temperature environment.