

INNOVV™

Protect Your Road Trip and Record Fun On The Way

INNOVV H5 Helmet Cam

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

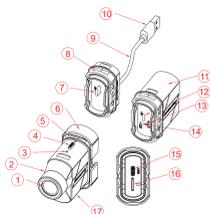
INNOVV H5 Product Overview

The INNOVV H5 is a high-end helmet camera specially designed for motorcycle enthusiasts. The camera is able to capture videos in 4K at 30 FPS. Utilizing unique anti-shake and stabilization technology, the H5 is a perfect lightweight device for capturing videos, photos, and audio in a rapid motion environment. The DVR comes with a removable battery which can be replaced with the power supply enabling a longer duration of recording without power loss anxiety.

1. Max resolution 4K at 30 FPS up to 20 mega pixels for images.
2. Anti-Shake by EIS offers a more stable image recording ability.
3. Equipped with a helmet microphone with wind/noise reduction technology for a clearer audio recording.
4. The removable battery life is up to 5 hours and the alternative power supply offers even longer recording time.
5. Supports up to 512GB TF card.
6. The waterproof rating of the whole system is IP65, which meets the requirements of splashproof, waterproof and dustproof.
7. Small sized DVR allowing for various and easy installations.



Brief Introduction



1. Lens
2. DVR
3. Wi-Fi indicator
4. Button
5. Recording indicator
6. Upper & Lower buckle
7. Type-C USB connector
8. Power Supply
9. Power extension cable
10. USB connector
11. Battery
12. Type-C USB connector
13. Type-C USB charging port
14. Charging indicator
15. Type-C USB cable
16. TF card socket
17. Internal microphone

TF-Card Instruction & Installation

We recommend using a TF card with High Endurance Type, U1/U3 or above rating (UHS Speed Class 1 or 3).

Please note that the TF card should be formatted to FAT32 for the first time using.



Format the TF-card
Format the TF-card in camera:
Insert the TF card into the camera and format the card by the INNOVV App via settings menu.

Format the TF-card on computer:
Insert the TF card into a computer and format it as FAT32.



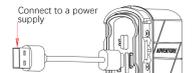
Insert the TF-card into the TF card socket in the forward direction.

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Installation Guide

Charging the Battery

1. Disconnect the battery.
2. Insert the USB Type-C cable in the connector port of the battery.
3. Connect the USB cable to a power supply (i.e., adapter, power bank, etc.)
*The output of the power supply should be 5V/2A.



Caution: The battery is not waterproof when separated from the DVR. Handle it with care and keep it away from liquids and moisture.

DVR Installation

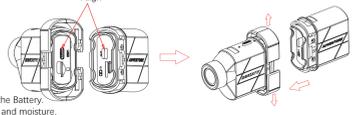
The camera bracket can be positioned on the left, right side or top of your helmet.

Step 1. Stick the side/top mount bracket into place on the helmet.

Step 2. Slide the DVR into place on the side/top mount bracket.

Step 3. Enter the App by connecting H5 Wi-Fi, then click to start recording.

Step 4. Adjust the camera position according to personal preference and lock the back mount into place.



Caution: The DVR is not waterproof when separated from the Battery. Handle it with care, and keep it away from liquids and moisture.

DVR Installation onto Helmet

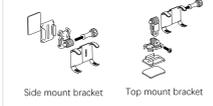
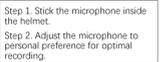
The camera bracket can be positioned on the left, right side or top of your helmet.

Step 1. Stick the side/top mount bracket into place on the helmet.

Step 2. Slide the DVR into place on the side/top mount bracket.

Step 3. Enter the App by connecting H5 Wi-Fi, then click to start recording.

Step 4. Adjust the camera position according to personal preference and lock the back mount into place.



DVR Installation onto Bicycle

Fix the DVR on the bicycle with the handle bar bracket.

Step 1. Fix the handle bar bracket on the bicycle.

Step 2. Slide the DVR into the back mount.

Step 3. Turn on the DVR and enter the App by connecting the H5 Wi-Fi.

Step 4. Adjust the camera direction and lock the back mount into place.

User Guide

1. Install App: Scan the QR code on the right or download the INNOVV H5 from App market.
2. Assemble the camera: Insert the TF card, power on the unit by the INNOVV USB power supply or INNOVV battery.
3. Starting up: Press the button for 1 second, the camera will work onto the red light is on after two short vibrations.
4. Connect to the Wi-Fi: Enter the App on your mobile phone by connecting the Wi-Fi INNOVV H5, the default password is 12345678, the green light will be solid on after connected, green light will keep flashing if the Wi-Fi connection has failed.
5. Record pause: Click in the App interface, the red light flashes when recording is paused, the camera will resume to recording by click again.
6. Snapping pictures: Press the button once while the camera is recording, the red light will flash one time, the photo will be saved in the "photo" file.
7. Activate the Wi-Fi: The green light will go off in the power down mode, if you need to activate the Wi-Fi, please press the button and the green light will flash, meanwhile, there is a snapped picture be taken and saved in the "photo" file.
8. Turn off the camera: The camera will go off after a long press of the button for 4 seconds, and the red light will be off after a short vibration.
9. Copying videos: Take off the TF card from H5 and copy the videos in your computer, or check the videos by connecting the camera to the PC by a USB cable.
10. Reset the camera: Reset the H5 by removing the battery or disconnecting the USB power supply.
11. Factory default settings: Restore the default settings by pressing the button for more than 10 seconds when the camera is off, there will be two short vibrations and along vibration during the process.
12. Firmware update:
-PC: Copy the firmware INNOVV_H5.BIN to root of TF card.
-Camera: Copy the firmware INNOVV_H5.BIN to a TF card, insert it into the camera, press the button, the firmware will be automatically updated with red light and green light flashing alternately. The firmware in the card will be deleted once the update succeeds (Caution: The power can not be cut off when the red light and green light flashing alternately).
13. More functions: Please refer to the App interface for more functions.



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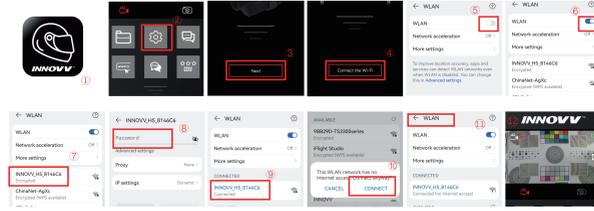
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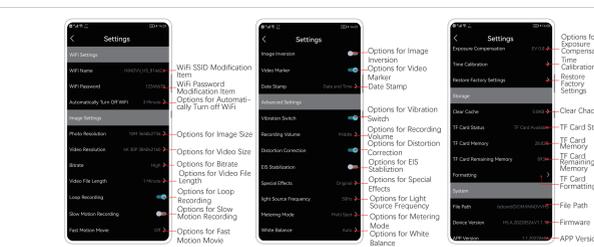
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App Guide

Wi-Fi connection tips



App interface



The instruction manual was made in June 2022. Due to product updates, INNOVV reserves the right to make final revisions to the instruction manual without further notice.

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Indicator Instructions

Recording Led	Button & Indicators				Indicators in the battery		
	Status	Button	Recording Indicator	Wi-Fi Indicator	Vibration	Status	Red
Turn On/Recording	Press the Button for 1 Second	Solid On	Flashing	Two Short Vibrations	Charging	Solid On	
Turn Off	Long Press the Button for 4 Seconds	Off	Off	One Long Vibration	Fully Charged		Solid On
Snapping a Picture	Press the Button for Once	Flash Once		One Short Vibration			
Record Pause		Flashing					
Low Battery		Flash Three Times	Flash Three Times	Three Short Vibrations			
No TF Card		Flashing		Short Vibration Every 3 Seconds			
Firmware Updating		Alternate Flashing between Two Lights					
Wi-Fi Connecting			Flashing				
Wi-Fi Connected			Solid On				
Wi-Fi Off			Off				
Repeat to Default Settings	Long Press the Button for 10 Seconds						

Specifications

Structural Parameters	Battery Parameters
Color	Silver Gray
Installation Position	Side mount/Top mount
Waterproof Rate	IP65
Housing Material	Engineering Plastics
Size	L110*W32*H55mm
Weight	150g
Processor	A7
Field of View	120°
Anti-Shake	EIS
Sensor	Gyroscope
Special Function	Vibration
Wi-Fi	2.4G
Storage	TF Card: 8GB-512GB
Photo Format	JPEG
Photo Resolution	1080P/4K (Supports slow motion), 1080P (1080*1920)/720p (720*1280) (Supports slow motion)
Video Resolution	1080P/4K (Supports slow motion), 1080P (1080*1920)/720p (720*1280) (Supports slow motion)
Operating Mobile System	Android 5.1 / iOS 8.0 and above

Troubleshooting

No	Problem	Solution
1	The H5 is vibrating with the light indicator blinking slowly	Please confirm the TF card is inserted properly, you are suggested to show another card with higher standard.
2	The H5 Wi-Fi is not found	Please check if the green light is blinking or not, and press the light indicator to activate the Wi-Fi.
3	I can't access the App since I forget the password.	Power off the H5, press the light indicator and the red light is off after about 10 seconds blinking. The Wi-Fi password will be defaulted as 12345678.
4	The H5 is not powered on or automatically goes down after being powered	1. Please confirm the battery is sufficient. 2. Please make sure the USB power supply is 5V/1A or higher. 3. Please check if the USB power supply is inserted properly or damaged.
5	The indicator light is off when being charged.	1. Please check whether the charging USB cable is plugged in or damaged. 2. Please check whether the adapter is working properly.
6	It takes quite a long time to charge the H5 battery.	1. Please choose a power supply with 5V/2A. 2. Please be sure the charging temperature is between 0°C-55°C. 3. Please charge the H5 by the original Type-C cable.

Customer Support

Download the manual and check out our official website for more details about INNOVV products and accessories: www.innovv.com. If you have any comments, suggestions, or require customer support: Please contact your place of purchase.

Important

1. The H5 is a high precision product which should not be dropped or severely impacted.
2. Do not immerse the H5 in water as it may cause product failure.
3. Never take the product close to a strong magnetic field such as magnet, electrical machinery, or it may cause product failure such as image damage or voice failure.
4. Do not store the H5 in a high temperature environment.
5. Please use a TF card with high endurance type to maintain a perfect performance.
6. Do not place the TF card in a strong magnetic field as it may cause data loss in the TF card.
7. The recommended charging temperature is from 0°C to 50°C, higher or lower temperature may shorten the battery life.
8. In case of any heat, smoke or smell of something unusual, please stop charging by unplugging the power supply to avoid fire.
9. Keep the unit away from the reach of children while charging, it may cause suffocation or shock.
10. Store the H5 and the battery in a dry, clean, cool and proper temperature environment.
11. It is not recommended to remove the battery or disconnect the power supply USB cable when the camera is recording (it may cause video loss or damage).
12. Please be sure the camera is off when you try to remove the battery or USB cable.

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