



CUBE HM201 800mAh T-Plug Lithium Battery User Manual

[Home](#) » [CUBE](#) » CUBE HM201 800mAh T-Plug Lithium Battery User Manual 

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Contents

- [1 WARNING](#)
- [2 Installation Guide](#)
- [3 The Installation Drawings](#)
- [4 HM201 Operation](#)
- [5 Remote Control Matching](#)
- [6 APP Operation](#)
- [7 Troubleshooting](#)
- [8 Product Parameters](#)
- [9 FCC Rules](#)
- [10 Customer Support](#)
- [11 Documents / Resources](#)
 - [11.1 References](#)
- [12 Related Posts](#)

WARNING

1. Please read these instructions carefully.
2. This product supports 9V-36V power supply and designed for use on motorcycles.
3. Please turn off the power of motorcycle before finishing installation.
4. When install the camera bracket, please ensure that area is clean. Vehicle waxing will affect the installation effect. Before installation can use lighter or hot gun to heat 3M sticker.

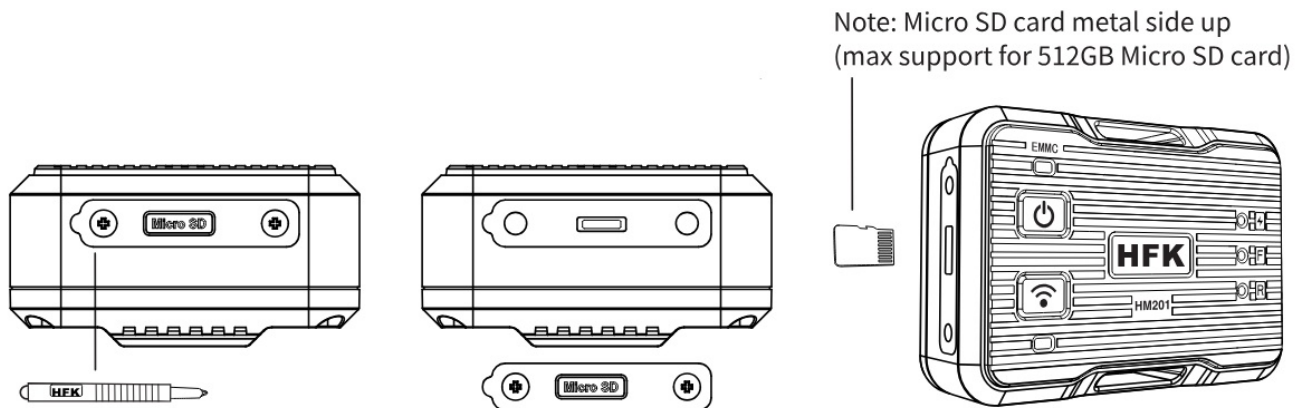
5. Do not use high-pressure water gun to flush the machine!
6. HM201 cameras are fully sealed waterproof, but still need to avoid using Cleaning Naphtha, alcohol, and Solvents such as tar detergent come into contact with the lens to prevent damage the waterproof layer.
7. For storage speed and security, please clean the Micro SD card regularly.

Installation Guide

PART 1

1. Micro SD card installation

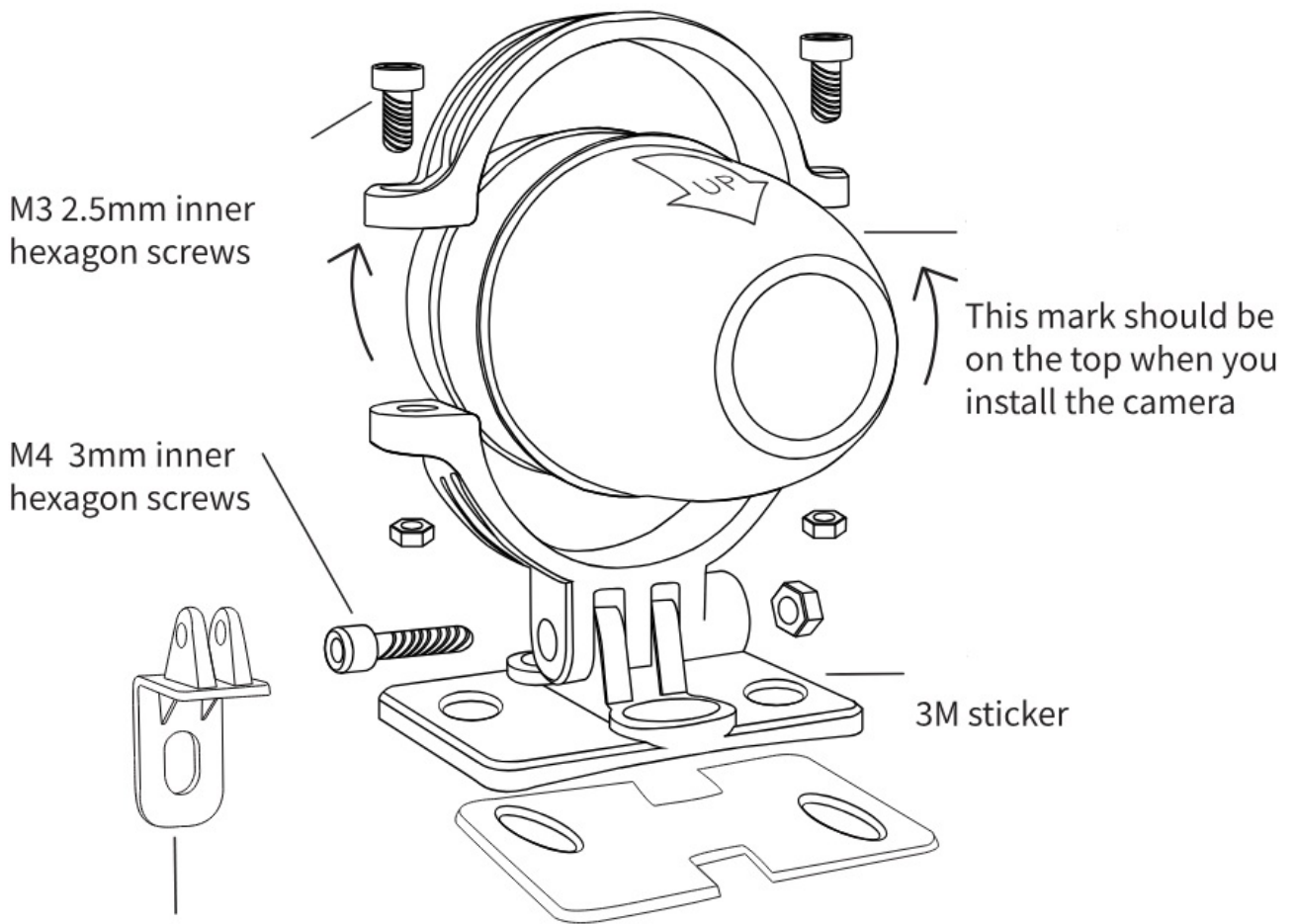
Use screwdriver to open the screw, The screw is stuck in the plug, please don't take out.



After installing the Micro SD card, please cover the plug and tighten the screw.

Note: HM201 built-in eMMC 64GB storage, it can running without Micro SD card. Without inserting Micro SD card, all video files will save in eMMC and loop recording normally. Insert Micro SD card(max support 512G),video files will save in Micro SD card, loop recording will only overwrite Micro SD card saved files. When the video locked, the video will saved in Micro SD card and eMMC (if Micro SD card ejected or not well contacted, the video will saved to eM MC).

2. Front and rear camera installation

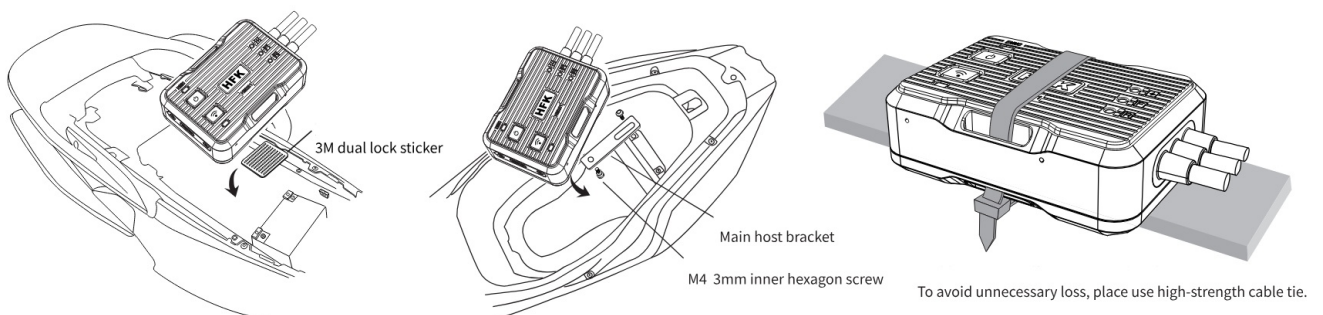


Multifunction camera bracket

3. Main host installation

HM201 main host can be installed under on motorcycle cushion or other right place based on motorcycle model. Choose bracket and 3M dual sticker to fix the main host according to the installation position. Also can use high-strength cable tie to fix the main host in a suitable position.

Note: Please avoid installing the main host in a place with high temperature.

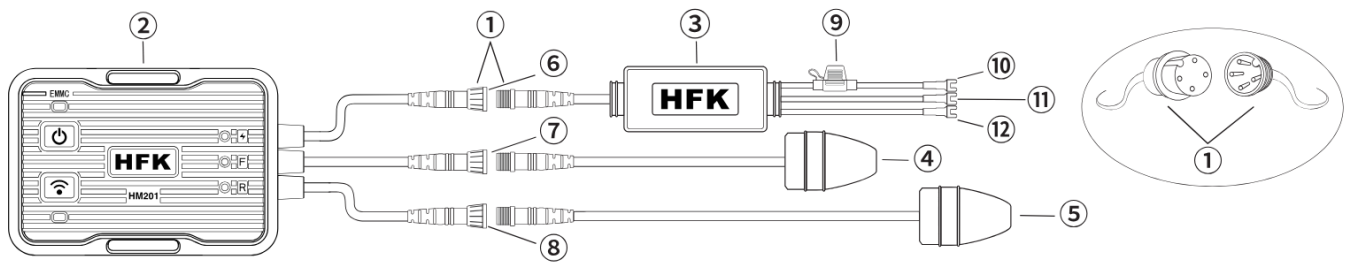


WARNING

This product waterproof IP67. Forbidden to use high-pressure water gun to flush the DVR. If damage caused by this reason, no warranty.

The Installation Drawings

PART 2



1. **Note:** please connect the cable correctly with right color
2. HM201 Main Host
3. Power adapter
4. Camera with short wire
5. Camera with long wire
6. The red cord connect with power adapter
7. Connect with front camera
8. Connect with rear camera
9. Fuse
10. Red B+ (positive)
11. Orange ACC Power
12. The black cord lead to ground (negative)

Note: Please flexible to choose the long /short wire camera according to the installation position.

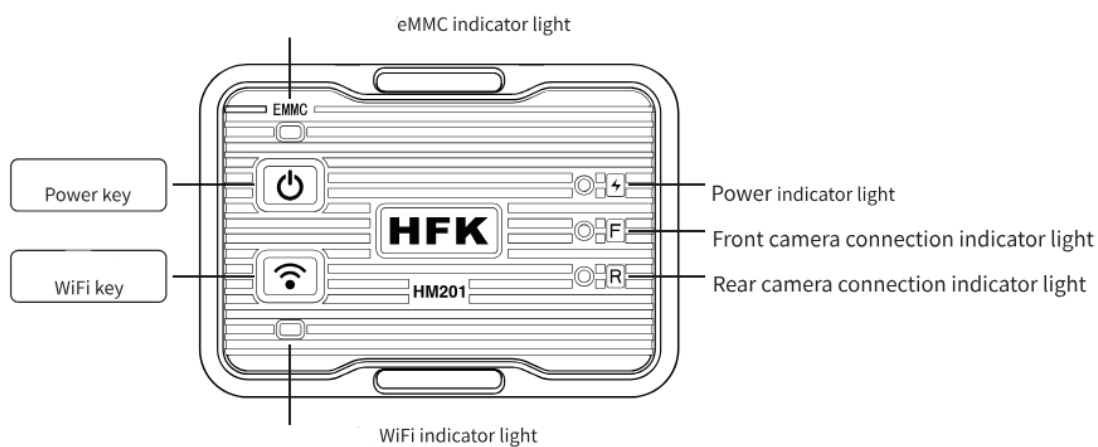
Note: ACC signal line connected with motorcycle ACC power, can be switched on/off with motorcycle key. It also can be connected to the positive of the motorcycle power supply, so that you need to turn on by manually. Please remember to shut down the DVR after the motorcycle is turned off to avoid power consumption of motorcycle. (Recommended to connect the motorcycle ACC power supply)

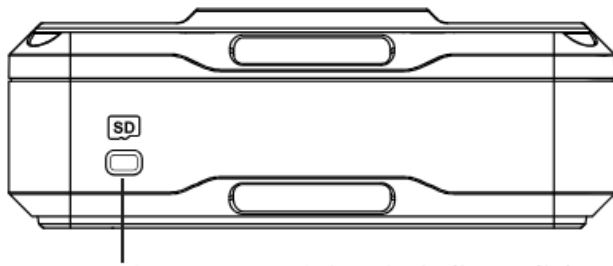


HM201 Operation

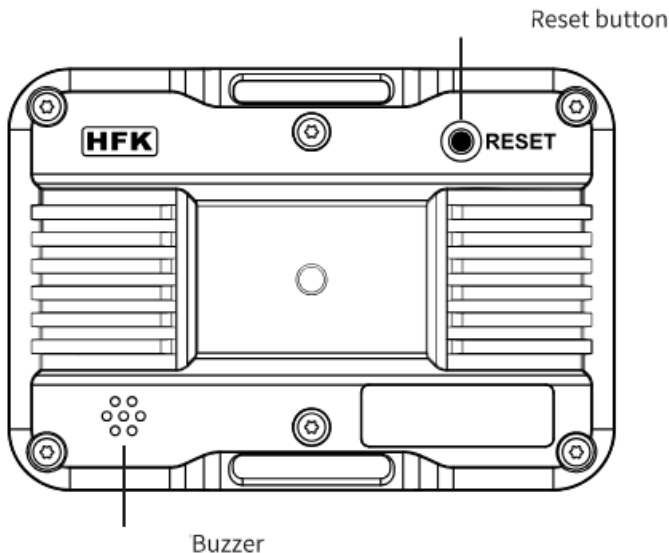
PART 3

Function Buttons and Indicator Lights





Micro SD indicator light



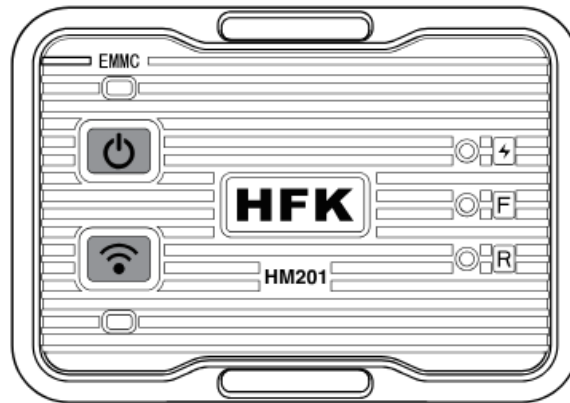
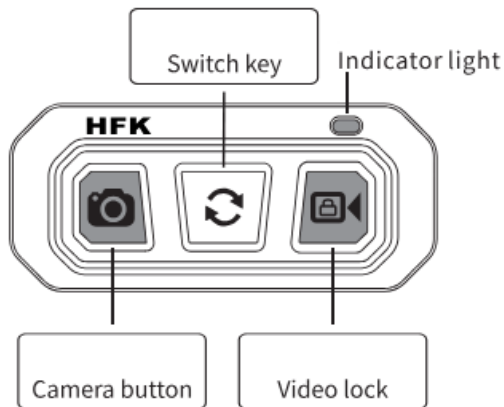
Reset button

Buzzer

- **Power key:** Long press for 3 seconds to on/off the machine, the power indicator light is on when the DVR is power on. If connect to motorcycle ACC successfully, it will work when you start on motorcycle, the DVR will automatically shut down when unplug the key.
- **WiFi key:** Long press for 3 seconds to on/off the WiFi. The WiFi indicator stays on when WiFi is on. After connected to phone successfully the indicator is on and flash every second.
- **Reset button:** Short press it to shut off and restart the main host.
- **Wireless remote control matching:** Long press power button and WiFi key simultaneously for 3 seconds to start remote control function, after matching successfully the main host will beep 3 times.
- **eMMC indicator light:** It will not light on when a SD card inserted in. No SD card inserted, it will light on in standby mode. When recording it lights on and flashes every second.
- **WiFi indicator light:** WiFi ON it stays on, after the phone connects to WiFi successfully, it lights on and flashes every second.
- **Micro SD indicator light:** It stays on when there a Micro SD card inserted in standby mode. When recording the light flashes every second. No card inserted it will not light on. Micro SD card failure it flashes quickly.
- **Power indicator light:** DVR turns on it lights on, super capacitor full charged will light off.
Front camera connection indicator light: Right connection the light off, faulty connection light on.
Rear camera connection indicator light: Right connection the light off, faulty connection light on.

Remote Control Matching

PART 4



Note: wireless remote control is optional equipment, please purchase it separately if necessary. Please refer to the remote control manual for detailed operation.

HM201 and Wireless Remote Control Matching Operation

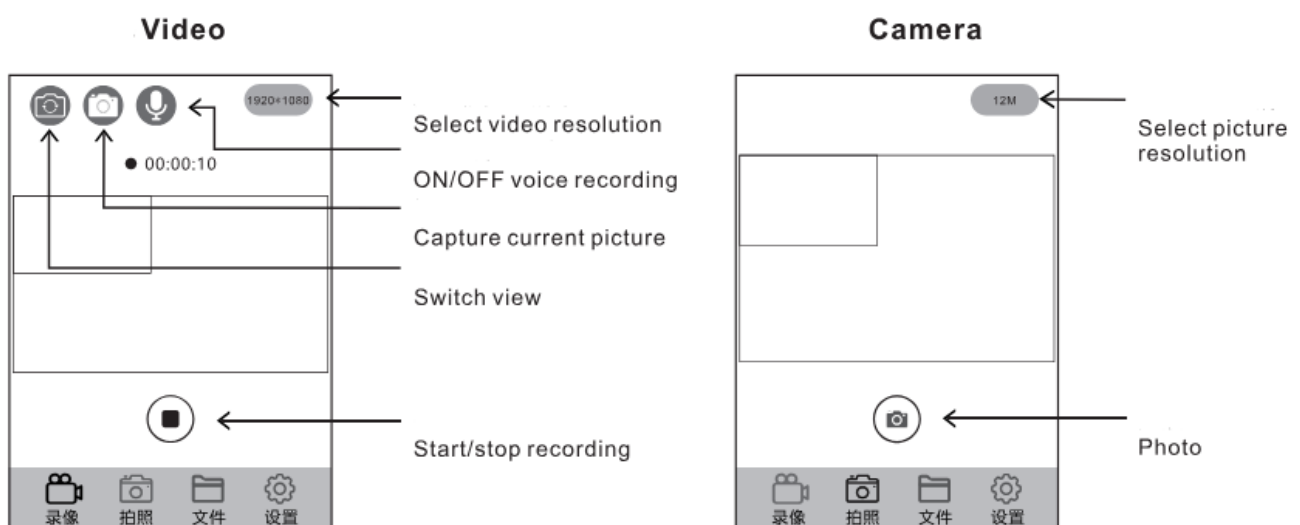
1. Long press power key and Wi-Fi key simultaneously for 3 seconds to start remote control function.
2. Simultaneously press and hold the “Camera button” and “Video lock” on the remote control. After matching successfully, the remote control indicator flashes 5 times, main host will beep 3 times. If not work, please try again.

APP Operation

PART 5

HM201 APP connection

Press the WIFI key for over 3 seconds, the WIFI indicator lights on, select the WIFI “HM201- xxxx” on your phone, the initial password is 00000000. And return back to HFK APP.(Connected successfully the WIFI indicator lights flashing every second)

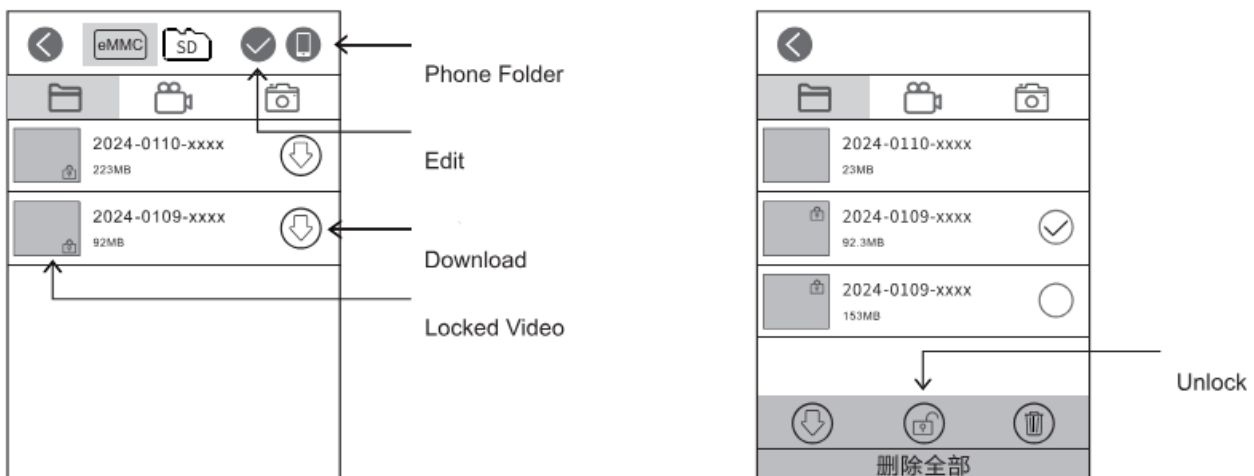


Scan QR code and download App (Android/IOS)



Android Download

Select “Folder” enter in “eMMC / Micro SD Folder” (default in “eMMC”, if insert a Micro SD card, it can switch to “SD”), download the file. Or you can download the file directly in preview. Then back to phone “Files” to check the downloaded files.

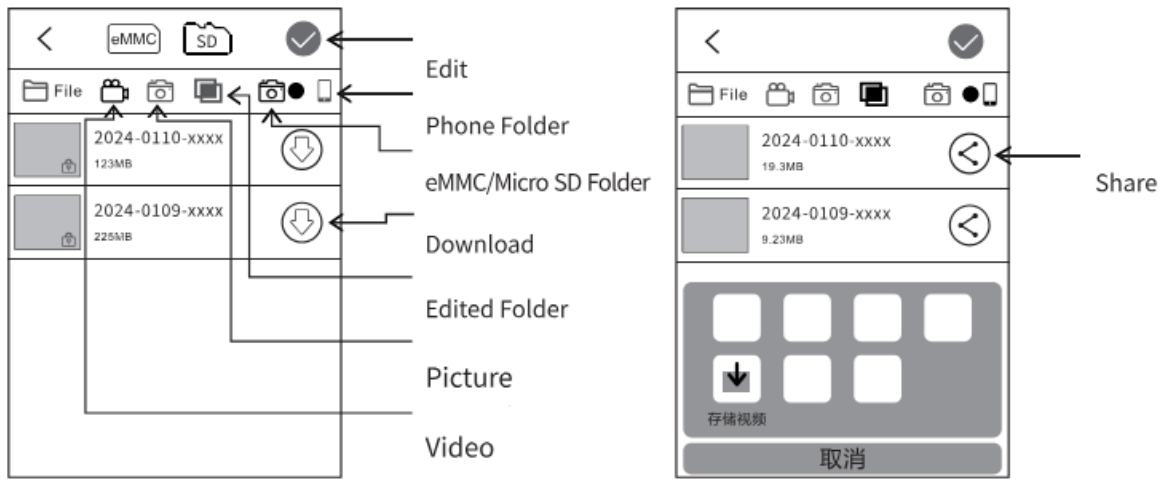


Unlock the locked videos

Select “Folder” enter in “eMMC / SD Folder”, click “Edit” to choose the files which need to unlock.

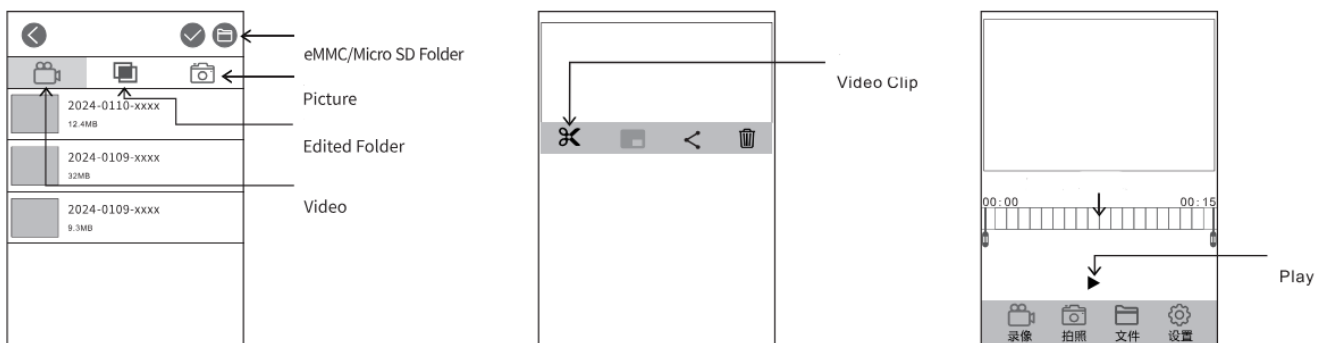
iOS Download

1. Select “Folder” enter in “eMMC/Microsd Folder” (default in “eMMC”, if insert a Micro SD card, it can switch to “SD”), download the file you need, and also can download the file directly in preview
2. Select “Phone Folder” ,you can view the downloaded files on your phone. Select “Share” to “Save the video” or “Save the Photo” .Then back to phone “Photos” to check the downloaded files.
3. Edited videos saved in “Edited Folder”, they can be shared directly to social media(Keep phone on line, if cannot share, please disconnect the WIFI between phone and DVR). They also can download to the phone folder, same operation as above.



Video Clip

1. Select "Folder" enter in "eMMC/Microsd Folder", download the file you needed(also can download in preview).
2. Select "Phone Folder", find the downloaded file, play the video and click "Video Clip" to edit the file.
3. Drag the progress bar in the video, select you needed part. Click "Play" to preview the selected video clip, click "Done" to finish. Drag the sliders at both ends of the video to reduce the video time. The clipped video files will be stored in the "Edited Folder".



Troubleshooting

PART 6

Note: This system max support for 512GB Micro SD card. In order to make sure video recording normally, we suggest to use brand Micro SD card. Because the recording system keep reading and writing data, so please must be use high speed (10) [3] Micro SD card or above (reading speed of 100Mb/s, writing speed of 60Mb/s). When the DVR is working, please do not remove the Micro SD card, it may cause the Micro SD card damaged.

1. After turning on the motorcycle but the DVR cannot start on, first please check power connection if normal.
2. Press "ON" button but DVR cannot start on, please check the power connection if normal.
3. If DVR can't recording, please check if you inserted the Micro SD card or you need to format Micro SD card. If the problem is still on after formatting the Micro SD card, please re-insert the Micro SD card or re-format or replace a new card. (when there has a card in it the light is on, when card faulty, the light will flash fast)
4. If the light "F" is on, please switch front (or rear) camera' s plug. If the light of "F" is on but "R" (F) is off, that means the camera with problem, please change a new camera.
5. "F" and "R" both light on, check the cameras connection if right.

6. If the video comes blurry, please check the lens if with dust, and wipe them clean.
7. If the recording video has no voice, please check the microphone if "ON" .
8. During normal driving when you realize the videos locked, please adjust the G-sensor sensitivity, the default setting is medium, please select low.
9. Motorcycle Collision but the DVR recording video comes unlocked: Please connect to APP to check if the G-sensor is "ON" , if it is on, please adjust the sensitivity level up.
10. WiFi connection is abnormal: check the WiFi if "ON" . when WiFi is ON the indicator is stay on . Off state the indicator is not on. Connecting normal WiFi indicator will flash. Please turn off the phone Bluetooth when connecting WiFi.
11. If the DVR crashed, please press "RESET" and try again.
12. Recording video if have stray electromagnetic interference or purple-grained electromagnetic interference: 1, Please check the motorcycle spark plug model, please use R rated resistive spark plug. 2, Check if there has any problem with the cable lines or binding of the cameras. Please straighten the cable don' t fold them up and keep a certain margin. Do not tie them too hard or squeeze too tightly with the motorcycle shell.

Product Parameters

Model	HM 201
Product Dimensions	79x55x28.Smm
Waterproof	IP67
Video	1080P/60FPS
View angle	137°
Camera lens	FLSS
Video format	MP4(H.264)
Picture format	JPG
Storage	Built-in 64GB eMMC
	Micro SD card support max 512GB(512GB Micro SD card can be recorded a bout 44 hours without being overwritten. The 256GB card is about 22 hours, the 128GB card is about 11 hours, and the 64GB card is about 5.5 hours)
WiFi	5G WiFi
G-Sensor	G-sensor collision Automatic lock
Super capacitor	5.5V 5F
Power supply	B+, ACC power on
Adapter voltage	DC 9V-36V
Working temperature	-20°C — 70°C
Fixed method	Main host bracket, 3M glue, 3M dual lock sticker

FCC Rules

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter. Radiation Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm from your body.

Customer Support

HFK official website



WeChat

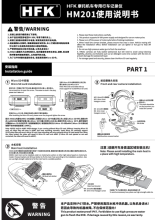


WWW.HFKADV.COM

MADE IN CHINA



Documents / Resources

 The thumbnail shows the cover of the HFK HM201 user manual. It features the HFK logo at the top left, followed by the title 'HM201 使用说明书' (HM201 User Manual) in Chinese. Below the title, there are several sections of text and diagrams, including a 'WARNING' section with a triangle icon and a 'PART 1' section. The bottom of the cover shows images of the battery and its packaging.	<p>CUBE HM201 800mAh T-Plug Lithium Battery [pdf] User Manual</p> <p>HM201 800mAh T-Plug Lithium Battery, HM201, 800mAh T-Plug Lithium Battery, T-Plug Lithium Battery, Lithium Battery, Battery</p>
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References

- [User Manual](#)

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