

User Manual



Product characteristics:

Product Features:3-way/4-way 1080P

There is no gap or omission between files

3.0 inch screen

High definition wide-angle camera

Video file format: TS stream

Built-in microphone (speaker)

Support for high capacity TF (micro SD) memory cards

Support pulse overvoltage protection function during car startup

Built-in WIFI function

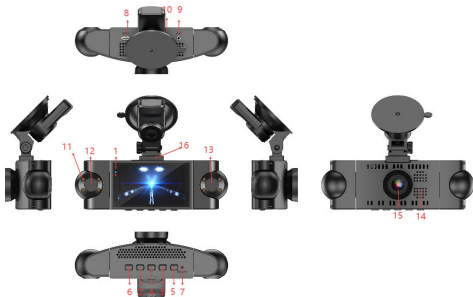
One click emergency data protection function

G-sensor impact sensing lock function

Supporting step-down line (optional)

Support for rearview camera function (optional)

Product structure



- 1) Work indicator light 2) Menu key 3) Up key 4) Down key
5) OK key 6) Power key 7) Reset hole 8) Power interface/external GPS interface/buck line interface 9) Pull back camera interface
10) TF card slot 11) Infrared lamp 12) Left camera 13) Right camera
14) Horn 15) Front camera 16) Bracket opening

一: Key and Function Description

1) Work indicator light

After turning on, the red indicator light will light up, and the red indicator light will flash during recording; The red indicator light is on during charging

2) Menu key

Short press this key to access the function settings menu;

Short press this key during the recording process to lock the current video file and save it as a non removable file

When playing regular videos and photos, long press this button to prompt for deleting files

When playing a locked video, long press this key to prompt for unlocking the file

3) Up key

Select the function key up from the menu options;

This key is used to switch the screen in recording mode

4) Down key

Select the function key down from the menu options;

Short press this button during standby or recording to take photos with one click;

5) OK key

Record confirmation key. In video recording mode, short press this key to start recording, and then short press again to stop recording. In playback mode and menu mode, it is the confirmation key

6) Power key

Short press to turn on and long press to turn off, and short press to rest the screen in standby mode.

7) Reset hole

Crash reset button hole

8) Power interface/external GPS interface/buck line interface

Used to connect external step-down wires or vehicle charging power to provide working power to the machine;

9) Pull back camera interface

Rear view camera video input port

10) TF card slot

Memory card slot

11) Infrared lamp

Night vision fill light

12) Left camera

Left viewfinder

13) Right camera

Right viewfinder

14) Horn

Play video or audio files through the speaker hole, and use sound prompts

15) Front camera

Front viewfinder window

16) Bracket opening

Notches for installing brackets

二: Special Function Description

1) G-sensor function

When gravity accelerates ($1g=9.80 \text{ meters/second}^2$), the machine will automatically lock the video at the time of the accident and save it as an indelible file;

G-sensor gravity sensing can be selected from the menu, and the machine has four sensitivity options: low, medium, and high. The factory default is off;

2) One click lock function

Short press the menu button during the recording process, and the machine will lock and save the current video as an undeleted file.

3) Automatic on/off

Support automatic startup and recording of car power after car startup, and automatically save and shut down after car shutdown;

4) WIFI function

Short press the menu button in standby mode to enter the WiFi switch option. Set WiFi to on and enter WiFi mode. If you need to exit WiFi mode and enter the menu option again, turn off this function to exit.

You can connect and operate this phone through a dedicated mobile app.

5) Reduced time recording (this option requires a step-down cable to function, and car charging does not support this function)

Enter the time recording settings: You can select: Off/8 hours/12 hours/24 hours. After this function is turned on, the system will continue to maintain the corresponding recording time after the car is turned off (ACC power off). System default shutdown

Note: This function cannot be used when the car battery is completely powered off.

6) Parking monitoring function (this option needs to be equipped with a step-down line to have the function, and car charging does not support this function)

After the parking monitoring is turned on, when the vehicle stalls, the dash cam enters the automatic shutdown program. If the vehicle body receives vibrations caused by external forces, the dash cam will turn on the camera to record for about 20 seconds before automatically turning off; When the vehicle body vibration is detected again, activate the camera function again; When the car battery is completely powered off, this function cannot be used.

7) GPS function (optional)

(1) When in standby mode, press the menu button to enter the menu options and select GPS information to insert the GPS search value,

(2) The GPS icon on the display screen turns green when a GPS satellite is found

三: Application installation and WiFi connection instructions:

1) When in standby mode, press the menu key to enter the menu options, select the WiFi switch option, and briefly press the OK key to confirm to enter the WiFi mode.

2) In the menu option, selecting the product information screen will display the WiFi name/WiFi password

3) Scan the QR code below with your phone, download and install the app. For Android phones, please select 'Secure Download', and the IOS system will automatically redirect to the APP Store for download



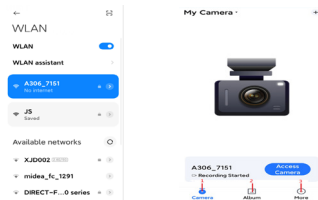
4) Add device

iPhone: Enter the system WiFi, select Recorder A306_***, Enter the WiFi password (default password is 1234567890), connect, enter the "6 Frame Probe" app, and

complete the addition;

Android phone: Enter the "6 Frame Probe" app, click "Add Recorder", follow the add wizard, enter the system WiFi interface, and select Recorder A306_***, Enter the WiFi password (default password is 1234567890) to connect. After the connection is completed, click 'Return' to complete the addition;

Introduction to APP Functions



1. Recorder: This page manages the recorder, allowing you to add, view, delete, and access the recorder's video preview interface;

2. Album: Manage images and videos downloaded from the recorder to your phone;

GPS trajectory map playback

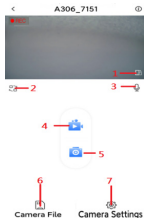
(1) Download the videos from Qianlu to the local album on the app

(2) Disconnect the recorder from the phone's WiFi connection and use the data network on the phone

(3) Enter the local photo album on the APP interface, click on the front road video you want to play, and you can view GPS trajectory details and car driving speed

3. More: language settings, problem feedback, and information about the APP;

Introduction to Recorder Functions



1. Full screen display: Click to view the video in full screen;
2. Lens switching display: Click to switch the display screen of the lens;
3. Microphone: Click to turn on or off the sound of the microphone;
4. Video recording: Click to pause/start, and save the video on the recorder after completion;
5. Take a photo: Click to complete a photo and save it on the recorder after completion;
6. Recorder files: Enter the file list on the recorder and categorize it into circular videos, capture events, emergency events, parking monitoring, and local albums;
Recorder file download
Click "Recorder File" to enter the file list interface, click the "Select" button, select the image or video you want to download, click "Download" to start downloading the file. After the download is completed, the file will be saved to your phone, and you can view it through "Album";
Recorder file playback
Click on "Recorder File" to enter the file list interface. You don't need to download it, you can directly play the video on the recorder, and you can also take photos of the current playing screen of the video;
Download: Download the video to your phone;
Delete: Delete the selected file;
album

Enter the "Album" to manage the pictures or videos that have been downloaded to your phone. Click "All" to enter the list of all videos in this category. The file list is arranged by date. Click "Select" to select multiple files for operation;

Video: All video files;

Photos: All photo files;

Urgent: collision sensing files;

7. Recorder settings: Enter the recorder settings interface and set the microphone switch, recording resolution, and recording file duration;

四: Basic operating instructions for camera/photography:

- 1) Power on and off

Short press the power button to turn on the machine, and the power indicator light will light up when the machine is turned on; After turning on the machine, long press the power button to turn off the light;

- 2) Camera mode

Video recording mode: Short press the OK button to start recording. During recording, the red dot on the screen will start flashing, and the blue indicator light will start flashing to enter the recording mode;

- 3) Video/photo playback

Short press the menu button to enter the file browsing menu, select the camera file to view, and select the video and image to play in regular video/locked video/photo;

4) Menu settings

Short press the menu button in standby mode to access the settings menu; By briefly pressing the up or down keys, you can cycle up and down through various settings; Select the setting item that needs to be changed, and enter the change by short pressing the OK key;

5) Exit Settings Menu

Short press the menu button to exit the setting state;

五: Time and date settings

(1) In standby mode, short press the menu key to enter the setting option, short press the up/down keys to select the time and date setting option, short press the OK key to enter, short press the OK key to switch between

year/month/day/hour/minute/second, adjust the desired value through the up/down keys, short press the OK key to confirm the modification and exit the time setting.

(2) When the machine is connected to the phone's WiFi, the time will be automatically updated

Note: When using this product due to improper operation, it can be restarted by pressing the reset button to restore normal operation.

六: Installation Guide

1. Turn off the car engine.

2. Insert the TF card into the recorder card slot.

[Note] Please use a high-speed TF card (C10 or above)

3. Fix the recorder on the front windshield of the car.

4. Insert the car charger or GPS equipped car charger into the car lighter

Attention: If using a step-down wire, connect the BAT+/ignition ACC/GND -3 interfaces to the corresponding positions in the central control

5. Connect the USB interface of the recorder to the car charger using a charging extension cable.

【 Note 】 When wiring, the charging extension cable can be laid along the edge of the car windshield.

6. Install the rear camera at the rear of the vehicle, paying attention to the direction during installation. The wiring can be laid along the roof of the vehicle. After installation, connect the back pull plug to the back pull interface of the recorder.

7. Adjust the lens position to ensure that the lens is level with the ground.

8. Start the engine and check if the machine is installed correctly.

【 Note 】 When the machine is installed correctly, the system operation indicator light will light up; The machine starts and enters the recording state, and the recording indicator light flashes. Please pay attention to checking if the image on the display screen is normal.

七: Installation and wiring diagram of rear camera (matching)

Two installation for option

① Fix it on backside winshield



② Or, install it on car license plate



八: GPS track map player download (Optional)

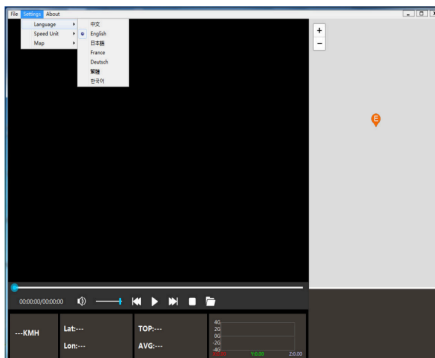
1. PC version enters website <https://pcgps.ce2ce.com/hit/hitplayer.html> to Download

Note: system requirements: 1. windows 7/8/10 operating system, 64 bits, 32 bits;

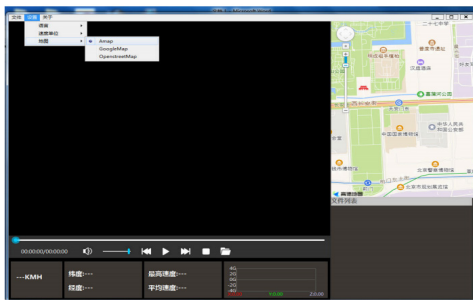
(windows XP does not support)

2. Mac OS system directly in the store search: HIT GPS Playerv download and install.

After downloading and installing, the following interface appears when opening the player:



3. Open the software after installation, open the video file that needs to be played, or drag the file directly to the player bar, then display the GPS track after playing.



九：Product Specification

Product characteristics	High Definition Camera, High Definition Video
G-sensor	Built-in (car emergency save, not deleted)
LCD Display Size	3.0inch
Camera lens	140 degree wide angle lens
language	Support for Multilingualism
file format	TS stream
Video Resolution	1080P
Video encoding format	H.264
On-board switch	Supporting automobile ignition start, extinguishing delay shutdown
Year, month and day	Support
Memory card	TF (maximum support 128GB)
Photo Mode	2 million
Photo format	JPEG
Microphone	Support
WIFI function	Supporting Mobile Connection
Back-pull camera	Support(matching)
GPS	Support(matching)

Step-down line	Support(matching)
Power Interface	5V/ 2A

†: Trouble shooting:

Under normal operating conditions, if there is a problem with the product, please refer to the following methods to solve it:

Unable to take photos or videos

Check if the TF card has sufficient space and is locked.

When recording, it will automatically stop

Due to the huge amount of high-definition video data, please use a high-speed TF card that is compatible with SDHC. The high-speed TF card will have a C10 label.

When replaying pictures and videos, there is a "file error" prompt

An error occurred while storing data on the TF card, resulting in incomplete image files. Please use the camera's "format" function to reformat the TF card.

The captured image is shrouded in mist

Please check the lens for dirt or finger marks; Before shooting, wipe the lens with lens paper.

When shooting scenes such as the sky and water, the image is very dark

In large contrast scenes, the exposure function of the camera can be affected, which can be corrected by adjusting the "EV" value in the machine settings menu.

Horizontal stripe interference in the image

This is caused by setting the wrong 'light source frequency'. Please set it to '50Hz' or '60Hz' based on the local power supply frequency.

Crash

After the machine crashes, please briefly press the reset button to restore and restart.

FCC Statement

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.

To assure continued compliance, any changes or modifications not expressly

approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

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

This equipment 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.

Radiation Exposure Statement:

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.