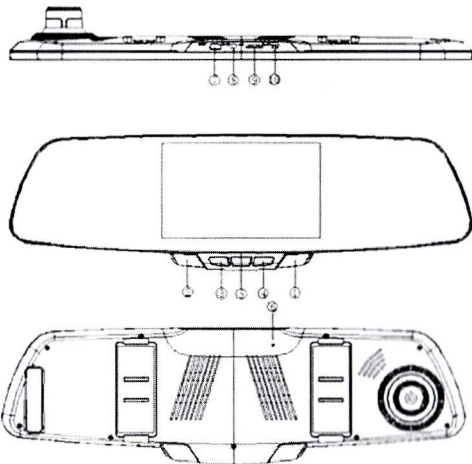


HD DVR

This product adopts high-performance chip, provides high definition video and seamless dynamic image. The product has passed strict authentication of European CE and America FCC, which supports FHD1080P full high definition camera shooting. Please read the manual carefully before using and properly keep it. We hope this product can meet your requirements and establish a long-term service relationship with you!

I. Illustrations of Appearance and Functions:



- | | |
|------------------|---------------------|
| 1. Power key | 6. Reset key |
| 2. Menu/Mode key | 7. USB port |
| 3. Up Key | 8. Rear camera port |
| 4. Down key | 9. TF card slot |
| 5. Ok key | |

1. Power key

Function 1: power on & off function

In switch-off state, press and hold this key long for 2s to power on this device, then it will automatically start to work. In switch-on state, hold this key long for 2s to switch off with video file automatically saved.

Function 2: turn on/off screen

In standby state, press the Power key shortly to turn the screen off and again to turn the screen on.

2. Menu key/Mode key/Emergency Lock Key

Function 1: Menu function

In standby state, press this key shortly to enter the main menu function setup list, press the UP/DOWN key shortly to choose your desired option and then press the OK Key shortly to confirm. After setup, press the Menu Key shortly until you exist from men setup. (Menu setup is the same in video mode, image mode and playback mode.)

Function 2: emergency lock function

During videoring, if finding vehicle collision, press the Emergency Lock Key shortly to start emergency lock function, there presents files lock icon on the upper left of the screen at this moment, which shall save the video of accident occurred as a special video and this video will not be covered.

Function 3: Mode switch

In standby status, press Mode key can realize switch among different modes (video recording/photograph/replay).

3.Up Key/Fast Backward/ Camera switch

Function 1: Page upward

In menu setup and replay mode, this key is to page upward.

Function 2: fast backward

In replay mode, short press Up Key can realize fast backward.

Function 3: camera switch

It will automatically display dual cameras after connecting external rear camera. In video recording mode, short press Up Key can realize switch among four display modes: front camera, rear camera, picture in picture and split-screen presentation; in photo-graph mode, short press Up Key can switch front camera and rear camera.

4.Sound Recording/Down Key/Fast Forward/Parking Monitor

Function 1: turn off sound recording

In video recording mode, short press Down key can turn off sound record. Microphone on the upper left of screen becomes a prohibition icon, which means sound recording function has been turned off. Short press again can turn it on, the icon shows sound recording is turned on.

Function 2: page downward

In menu setup and replay mode, this key is to page downward.

Function 3: fast forward

In replay mode, short press Down key can realize fast forward.

Function 4: parking monitor

In standby mode, long press Down key can turn on/off parking monitor function.

5. Video Key/Image key/OK key/ Full screen

Function 1: Turn on/off video recording

In video recording mode, short press Ok key to start video recording and again to stop recording.

Function 2: Take pictures

In photograph mode, short press OK key can take a picture.

Function 3: file play

In file browsing mode, short press OK key can play video.

Function 4: Confirm

In video recording mode/photo mode/replay mode, press the Menu key shortly to enter the main menu mode, press the UP/DOWN Key shortly to browse and the OK Key to confirm.

6. Reset Key

When the DVR is dead, press this key shortly to restart the device.

II. Installation instructions

1. Shut off the automobile engine.

2. Insert the TF card into the card slot of the device.

[Note] Please use high-speed TF card (above Class 6) with capacity not less than 512MB and supporting 32GB maximally.

3. Fix the recorder on the original rearview mirror of automobile.

4. Plug car charger into automobile cigarette lighter.

5. Connect the USB port of the recorder with the on-board charger with the charge extension line.

[Note] In wiring, lay the charge extension line along the edge of the windscreen.

6. Install the rear camera at the back of automobile, pay attention to direction when installing. Wiring can be along the roof of vehicles. After finishing installation, connect the plug to rear camera interface of the recorder.

7. Adjust the position of the camera and make sure it levels with the ground.

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

[Note] When the recorder is installed correctly, the system work indicator and the charge indicator will be on (or off after the battery is fully charged), the video indicator will flicker and the recorder will be activated into the recording state. Be sure to check if the picture on the screen is normal. If the picture is reverse, adjust it by switching the positive/negative phase of the camera.

III. Brief introduction of function

1. Use automatic recording function

Start the engine of the vehicle, then the recorder will automatically start, the charge system and the charge indicator will be on and the video indicator will flicker. Stop the engine, then the recorder will automatically save the recording content and stop automatically. The recorded video will be stored in the TF card by segments. When the TF card is full, the early video will be covered. The recording time interval may be set up in the menu and chosen from 1min/2mins/3min s/off.

【Notice】

a. If any gear in "1/2/3" is chosen, the recorder shall cover the previous recorded video when TF card storage is full;

b. If you choose "off", then the recorder shall save the files recorded in every 5 minutes, and stop video recording once TF card is full.

c. Video of front and rear camera are respectively saved in "DCIMA" and "DCIMB" folder of TF card.

2. Use manually recording function

Press the Power key of the recorder, then the recorder will be activated and start automatic recording and the video indicator will be on and flicker. Press and hold the Power key again for 2s, then the recorder will automatically save the record and then power off.

3. Use shooting function

In power-on state, press the Mode key shortly to enter the image mode. In such case, the icon in the left upper corner of the screen will change from video recorder to image taker; press the Ok key shortly again to take pictures. To switch to video mode, press the Mode key shortly for twice.

4. Collision sense function

There's built-in collision sensor (G-sensor) in the recorder. If serious vehicles collision occurs, the recorder will lock the recorded video of accident occurred and save it as a special video, meanwhile, there presents lock icon on the upper left of screen. The locked video shall not be covered.

【Note】

a. Filename of the locked video begins with SOS, common files begins with REC.

b. Collision sensor (G-sensor) supports sensitivity adjustment, which can be changed and set in setting menu by users as actual needs.

5. One key lock function

This machine is equipped with one key lock function, which can lock the video needs to be saved instead of cyclic covering. In video recording mode, short press Mode key, the recorder can lock the video recorded.

6. Date/Time Setup

In standby state, press the Menu key shortly to enter the system setup menu; press the UP/DOWN key to move the cursor to the option of date setup. Then press the OK key shortly to confirm and enter the setup menu.

[Note] For the effective recording of the date and time for the traffic accident, be sure to set correct time before use.

7. Function of One-key Mute

In working state, press the Down key shortly, then the microphone icon in the left upper corner of the screen will turn white, indicating that the video and audio synchronization has been off. In such case, the recorder will record only video rather than audio; press the Down key shortly again, then the microphone icon in the upper part of the screen will turn colorful, indicating that the video and audio synchronization has been recovered.

[Tip] The setup will be saved automatically and thus it is unnecessary to set mute for the next startup.

8. U-disc Mode

Connect the recorder to the PC USB port with data cable, then the screen will display the optional modes of disc and camera. Press the Up/Down key to choose the option of disc and press the OK key shortly to enter U-disc mode.

9. Replay

In power-on state, press the Mode key shortly for twice to switch to replay mode. Press the up/down key shortly to find the desired file, press the OK key shortly to play the file. To exit, press the Mode key again.

10. Visual image of automobile reversing

First of all, car charger must be connected to the recorder. Black and red line on the pulling camera need to be connected to backup light. Plug the car charger in can automatically start video recording state. If a car is in reverse gear at any state, it will present reversing image. After finishing visual rear view, the recorder returns to video recording mode automatically.

11. Parking monitor

When parking monitor function is on, in the state of power-off, if there's slightly vibration of automobile, the recorder shall start and take video automatically. If the automobile is in a status of flameout, the recorder shall save recording for 20 seconds and then power off.

IV. Products specification

| | |
|-----------------------------|-------------------|
| Built-in image sensor | 120W |
| Resolution of rear camera | 720*480 |
| Lens angle | 170° |
| Video resolution | HD1280x720, 30FPS |
| Image resolution | 1280x960 |
| Store and compressed method | MPEG |
| Video format | MOV |
| Image format | JPEG |
| Storage temperature | -30℃~70℃ |
| Operation temperature | 0℃~50℃ |
| Operation humidity | 15~65%RH |
| Standard voltage | DC5V |