Car DVR 323

User Manual

Production introduction   FCC ID: 2AS7I-323

Product structure.

1) Select down button   2) Mode selection button   3) OK selection button
4) Select up button   5) Power switch button   6) TF card slot
7) bracket   8) USB interface   9) horn
10) camera   11) reset key

Key function description:
1) Select down button
     Menu options, select the function key down
   In standby or camera state, press this key to achieve microphone turn on / off function
2) Mode selection button
     Press this key to switch between camera / photo / playback;
Long press this key to output function settings menu; consecutive short press this key can switch between the settings
   Press this key in video state to lock files during video recording
3) OK selection button

Video and photo confirmation button, camera mode, short press this key to start recording, again short press stop recording

Image; short press this button to take photos in photo mode; confirm button in menu mode;

4) Select up button

In the menu option, select the function key up;

Long press 3 seconds to enter WiFi mode, short press 3 seconds exit

5) Power switch

Long on / off machine, short press screen

6) TF card slot

Memory card slot

7) support

Slot for mounting bracket

8) USB interface

The USB interface 1 is used for connecting PC to transmit data for connecting an external power source to charge the battery or to provide a working power source;

9) loudspeakers

Keystroke or playback audio speaker

10) Lens

View window

11) reset button

Restart the machine

● Special function description:

● G-sensor function

When gravity accelerates, the machine automatically saves the video of the accident as a non-delete file.

G-sensor gravity induction can be adjusted in the menu high-medium-low factory default;

Automatic on / off

After supporting the connection of on-board power, the car starts the video automatically, saves the video automatically and shuts down the machine.

Basic operating instructions for camera / photo:

Boot and shutdown

Long press the power switch button to turn on, the blue indicator light will be turned on when the machine is turned on;

Once again press the power switch button is off, this time the blue indicator lights out;

Note: the video recorder automatically shuts down when the battery voltage is low

Camera mode

Short press mode selection button, switch to camera mode, the upper left corner of the screen display image icon;

Press OK selection button to start the camera, while the video indicator began to flicker, marking the video work;

Photo mode

Click mode to select button, switch to photo mode, the upper left corner of the screen shows the photo icon;

Press the OK button to take photos. When the picture is taken, the screen stops.

Video / photo playback

Select button by short press mode, switch to playback mode, display playback icon in upper left corner of screen;

The file can be selected up by pressing the up button.

The file can be selected down by pressing the selection button.

Press OK selection button to play the selected video file;

Menu setting

Long press the mode to select the button, out of the settings menu;

By pressing the up selection button or the down selection button, you can loop up and down in each setting item;

Select the settings that need to be changed and enter the change by pressing the OK selection button short;

Exit settings menu

Press the mode to select the button continuously, exit the setting state;

Time setting

Enter the setting item by a continuous long press mode selection button, select a date setting by a short push up selection button, press OK selection button to enter, press OK selection button, and switch between years / months / day / hour / minute / second, Adjust the required value by selecting the button up or down, press OK selection button to confirm the modification;

WIFI connection and APP installation and usage instructions:

1) the LCD screen displays the WiFi icon 3 seconds after the boot up button is pressed.

2) turn on Android smartphone WiFi. search device (HDCarDVR) on the WiFi network

3) to be properly connected to the mobile phone

4）Use your phone to scan the QR code that comes with this guide and select your mobile system
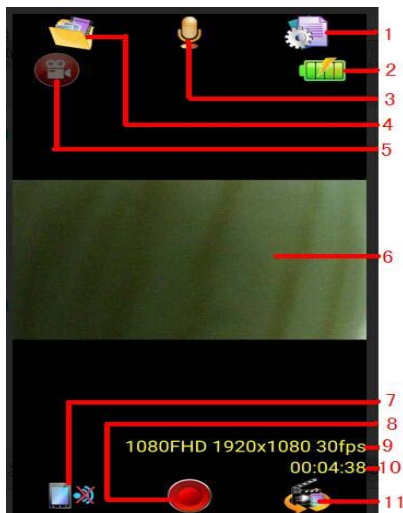

IOS   Android

weixin

Click download install app, Android phone please select 'safe download' iOS system will automatically jump to APP Store for download

5) Open the app and click on the WiFi icon below to connect as follows:

6) after the connection is successful, you will see a real-time picture of the recorder as shown in the following figure

1. Recorder function settings icon   2. Recorder battery icon   3. Microphone icon

4. Playback folder icon   5. Video indicator icon   6. Real time picture

7. Disconnect the WiFi icon   8. Video photo icon   9. Video pixel

10. Video time   11. Video / photo conversion settings icon

APP interface icon usage instructions:

1. Logger function settings icon: click into the recorder to set menu functions

2. Recorder battery icon: view the battery charge of the recorder battery

3. Microphone icon: click set CarLog sound on / off

4. Replay folder icon: click to view the video and photograph pictures online and download them to your phone

5. Video indicator icon: this icon flashes while recording

6. Real-time picture image: real time picture image window

7. Disconnect WiFi icon: click to disconnect WIFI

8. Video photo confirmation icon: click in video mode to record, click in photo mode to take pictures

9. Video pixels: video pixel and frame rate display

10. video time: the display time of the video

11. Video / photo conversion settings icon: click in to set up video / photo switch

● **Battery usage instructions**

● For battery charge indication, please refer to the icon:

| Fully charged | Lower power consumption | Low battery | Low battery |

There are three ways to charge the battery. The red charge indicator lights up during the charging process, the full charge time is about 180 minutes, and the red charging indicator lights are automatically extinguished after the charge is completed.

1: charge using power adapter

2: charging using PC-USB

3: charge with on-board power supply

Note: when the use of this product due to improper operation caused by the phenomenon, press reset button and then boot, can resume normal

- **Products specifications:**

Features	HD Camera, HD Video
G-sensor	Built-in (car accident case of emergency save, will not be deleted)
LCD screen size	2.0 inch
Len	120 degree A + grade high-resolution ultra-wide-angle lens
Language	Russian, English, Chinese (simplified), Chinese (Traditional), Korean, Japanese, etc…
WIFI	Built-in 2.4Ghz WLAN module
Video format	AVI
Color	standard
Continuous loop video	seamless loop recording, don't leak second
On-board switch machine	Support auto ignition boot, turn off shutdown
Motion Detection	support
(Y/M/D/H/M)	support
Photo format	JPEG
Memory card	TF (max 32GB)
MIC	support
USB function	USB-Disk
Built-in stereo	support
Infrared night vision	support
Power interface	5V 1A
Battery	**Built-in polymer battery**

For problems in normal operating situation ,please try these methods below:
- **The APP screen is not smooth or can't view the phone in real time. Too many mobile phones are too far away from the recorder.**
- **Can't take photo and recording**
  Check the if the TF card has enough space or locked
- **Automatically stop when recording**
  Use the compatible high-speed TF card with SDHC because of big HD video data, the high-speed TF card have identifying of C4 and C6
- **Appear "files error" when replay photo or video**
  Uncompleted files because of TF card storage error, please use formatting function to format your TF card
- **Unclear video**
  Checks if there are any dirt or fingerprint; and use lens paper to clear the camera len.
- **Black image when recording sky or water scene**
  Scenes with big contrast will influence the automatic exposure function of camera; you can adjust "EV in setting mode to correct.

- **Color is not perfect in cloudy day and outdoor light**
  Set the "white balance" function to automatic
- **cross stripe interference in image**
  Because of wrong "light frequency", please set it to 50Hz or 60Hz according to the local power supply frequency
- **Crash**

  Restart by pressing shortly on" RESET" button after crash

Warning:

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 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.

NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20Cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with   any other antenna or transmitter