User manual

Product description

● Product structure
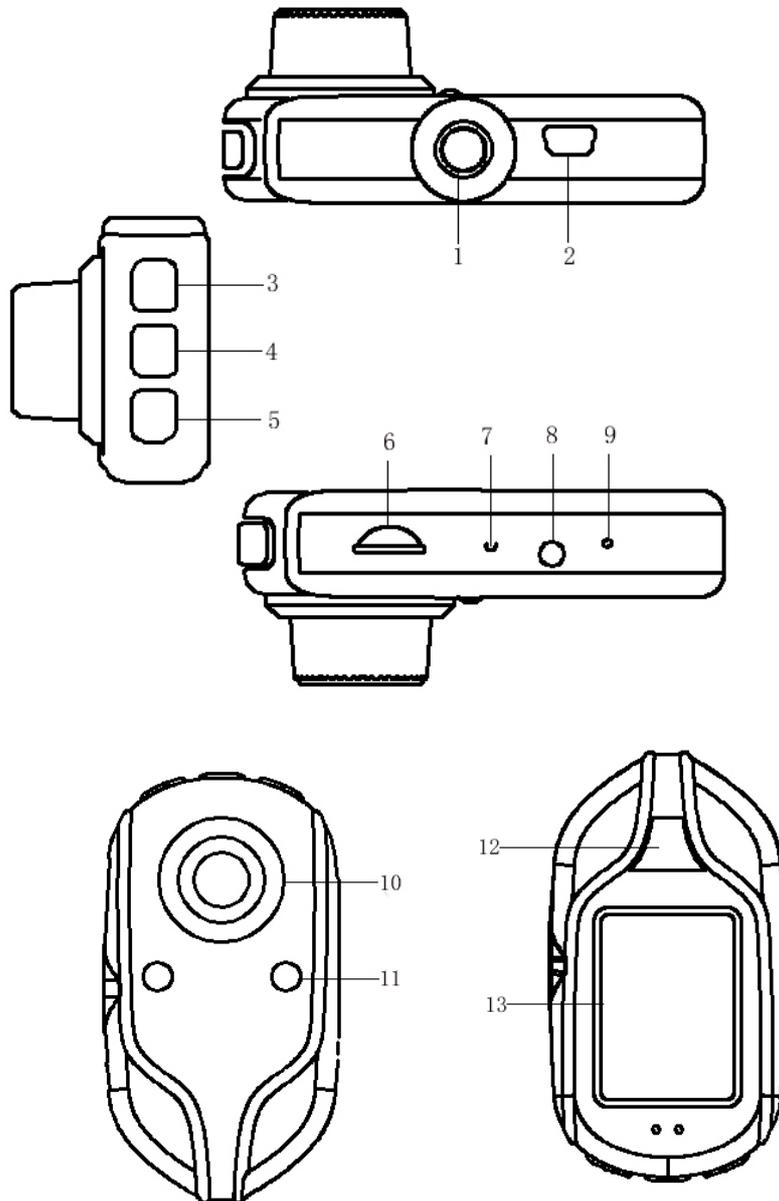
1）Bracket hole	2）USB interface	3）UP button
4）MODE /MENU	5）DOWN button	6）TF slot
7）MIC	8）AV-OUT	9）Reset hole
10）Camera	11）LED flash light	7）Power button /OK button
13）Display screen		

Button and interface function description：

- 1）Bracket hole

  Install vehicle bracket hole

- 2）USB data interface

  Connect PC for Data transfer

  Connect external power to charge battery or provide working power.

- 3）UP button

  Choose up function in MENU item

- 4）MODE /MENU button

  Short press on this button to shift among "photo mode-REC mode –playback mode"

  SOS function: short press this key to enforce saving the current video when Video recording

  Short press on this button to show function setting menu.

- 5）DOWN button

  Choose down function in MENU item

- 6）TF slot

  Slot for memory card

- 7）MIC

- 8）AV-out

- 9）Reset slot

  Use this to restart when crash

- 10）Camera

  120°wide-angle Len；

- 11）LED flash light

  Night vision flash light which can be open by short press on "POWER" button.

- 12）POWER ON/OFF   /OK button

  Power switch: continuous press for power on/off, shortly press for flash light on/off.

Confirmation button for video recording and taking photo;

In recording mode, press this mode to start video recording, re-press to stop；

In photo mode, short press to take photo.

In menu mode means Confirmation button.

- 13）Screen

    View window

Special function description

- G-sensor function

    When gravitational acceleration reach 6g(1g=9.80m/s), machine will save present video as undeletable files

    Automatic power on/off function

- Support   recording Start and shutdown synchronization with Auto and save the video files After connect to the car power supply

- Seamless loop recording, don't leak second

- SOS

    Short press "M" to enforce saving the current video when video recording

REC/photo operation specifications

- Power on/off

    Long press on "power on/off" button to start, Indicator light will shine when power on

    Then long press again on "power on/off" button to shutdown and the indicator light go out

    Notice: video instrument will automatically power off after waning of low battery

- REC mode

    Short press on "M" button shift to REC mode, REC icon is on the top left corner

    Short press on "OK" mode to start recording, flashing red dot on REC icon indicate the recording is on the way

- Photo mode

    Short press on "M" button shift to photo mode, an photo icon is on the top left

corner

Then short press on "OK" button to take a photo, screen flash one time means photo completed

● Video/photo playback

Short press on "M" button, shift to playback mode, playback icon is on the top left corner

Short press on key can choose files up

Short press on key can choose files down

Short press on "OK" button to play the selected video files

● Menu setting

Short press on "menu" mode, enter video set status, and now the background color is yellow in "video icon" column; then press "M" button again shift to set status, the "set icon" column background is yellow.

In the setting items, press on   keys can make shift up and down in sub items, then press "OK" button to set sub items.

Short press on "MENU" or "MODE" button can exit the setting status.

● Time settings

Short press "MENU" button to enter "setting status", here short press on 'menu' button to set menu. Through   keys to choose date time items, short press "OK" to enter, short press on "OK" button can make shifts among y/m/d/h/m/s.

Adjust figure through   buttons, then press "OK" button to confirm modification.

● SOS

short press "M" to enforce saving the current video when video recording

USB mode

Separate USB cable and computer, press "power on" button, car DVR will automatically show USB menu, two mode are available:

1：USB-Disk

In this mode we can access video files and photo files

2：PC-Camera

In this mode USB video equipment are shown, can take photo or make video chat

Battery instruction

● Battery indication image：

| Full battery | slightly low battery | low battery | battery empty |

● There are three methods to charge, the red indicator light up when charging, the entire charging time is about 30 minutes, and the red indicator light automatically off when charging completed.

1. Use power adapter to charge

2. Use PC-USB to charge

3. Use car power to charge

Notice: Video instrument can only use 5V car power supply, or it may cause device damage.

This products Car power can only be used in 12V/24V

Remark: when appear crash because of improper operation, we can remove battery or press "reset" button to restart.

● **Products specifications**

Features	HD camera, HD video recording
G-sensor	Built-in (car accident case of emergency save, will not be deleted)
LCD screen size	1.5LTPS
camera	120 A + grade high-resolution ultra wide-angle len
Language	Russian, Japanese、French, Italian, German, spanish, English, Chinese (simplified), Chinese (Traditional), Korean, etc…
Files format	AVI
Resolution	Max 1080P
Recording video format	M-JPEG
Color	standard
Continuous loop video	seamless loop recording, don't leak second
Automatically power on/off	Support auto ignition boot, turn off shutdown
Motion Detection Function	support
Time synchronization	Support (Y/M/D/H/M)
Carrier media	SD CARD
Photo mode	5million
Photo format	JPEG
Memory card	TF (max 32GB)
MIC	Support
Built-in stereo	Support
Infrared night vision	Support
Video format	PAL/NTSC
Current frequency	50HZ/60HZ
USB function	1：USB-Disk 2：PC-Camera
Power interface	5V 800ma

Battery	Built-in 200mAh

Trouble shooting:

➢ **For problems in normal operating situation ,please try these methods below:**

● **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