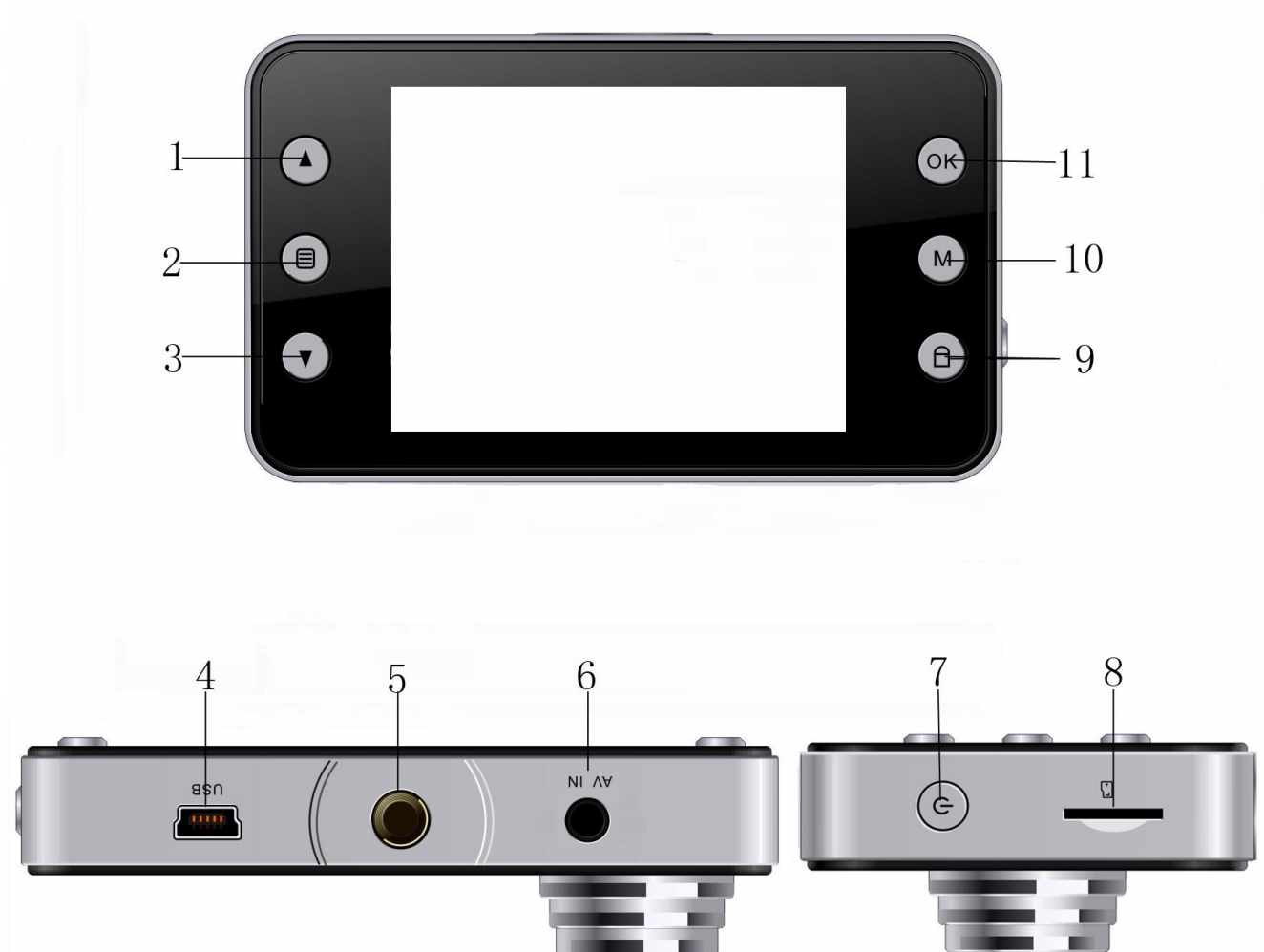


User Manual

Product Introduction

- Product structure



- | | | |
|----------|-----------------|------------|
| 1) UP | 2) MENU | 3) DOWN |
| 4) USB | 5) Bracket Hole | 6) AV Port |
| 7) Power | 8) TF Slot | 9) HOLD |
| 10) Mode | 11) OK | |

Description of Function Keys:

- 1) UP

In standby mode, short press “UP” for changing recording mode only front lens or rear lens or the two together.

LCD display shows A when front lens working, shows B when rear lens working, A+B for dual lens working;

- 2) MENU

Short press: Setting menu.

Long press: change setting options

- 3) DOWN

In menu status, down to select options keys;

In dual camera working status, short press to switch recording mode between front lens and rear lens.

- 4) USB

USB Data Interface, ①Connecting PC to transfer data; ②Connecting external power for charging or working;

- 5) Bracket Hole

For Bracket installation.

- 6) AV Port

Analog video signal input interface, for connecting external analog signals.

- 7) Power

Long press to turn device on/off. Short press to turn on/off the night vision led lights;

- 8) TF Slot

TF Memory Card Slot

- 9) HOLD

Press this button when recording, the current video is saved and can not be deleting.

- 10) MODE

Short press to switch recording/photographing/replay

- 11) OK

Video and photographs confirmation button. Video mode, short press to start recording, press again for ending.

Photograph mode, short press to take photos

Menu mode, press ok to confirm.

Special Function Description:

- Support AV input

AV-IN port connect external Len to record synchronization with front digital Len and save as corresponding files: Front Len –A files, External Len-B files ,convenient for customers to distinguish Front Len and Rear Len video.

Connecting picture:



- G-sensor function

When gravitational acceleration reach $1g(1g=9.80m/s^2)$, machine automatically save present video as undeletable files, and file is begin with ZW.

G-sensor is adjustable in Menu among 2G-4G-6G-8G, 4G original.


- **HOLD function**

Press on this button when recording, 20seconds around press the video file saved as undeletable file begin with ZW

- Automatic power on/off function
- Support recording Start and shutdown synchronization with Auto and save the video files After connect to the vehicle power supply
- Seamless loop recording, don't leak second

REC/photo operation specifications


- **Power on/off**


Press on  one time to start, Blue indicator light will shine when power on

Then press again on  to shutdown and the blue indicator light go out


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


- **REC mode**

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


Short press on  to start recording, recording icon and indicator light shinning indicate the recording is on the way

- **Photo mode**


Short press on  shift to photo mode, an photo icon is on the top left corner


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

- **Video/photo playback**

Short press on  , 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  to play the selected video files







- **Menu setting**

Short press on  enter video set status, re-press  to shift among “resolution” “video duration” “setting”

Press  or  keys to choose up and down in setting items.

Select the items which needed change, short press  to modify.

- Time settings

Continuous short press  to enter “setting item”, here short press on  to choose Time Setting, short press on  to enter, then short press  can make shifts among year/month/date/hour/minutes/second. Adjust figure through   buttons, then press “OK” button to confirm modification.

- Display switchover

In A+B REC mode, short press  button can switch between front and rear lens.

USB mode

Separate USB cable and computer, press “power on” button, car DVR will automatically show USB menu ,there are three modes 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

3.REC-Mode

Choose this mode can take video recording when connected to PC

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 180 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 vehicle power to charge

Remark: when appear crash because of improper operation, remove battery or press “reset” button to restart.

● Products specifications

Features	External len acceptable HD camera, HD video recording
Program	All-wise
G-sensor	Built-in (car accident case of emergency save, will not be deleted)
LCD screen size	2..4LTPS
Lens	Front len:140 degree A + grade high-resolution ultra wide-angle len Rear len: 90 degree analogue signal output wide-angle len
Language	Russian, Japanese, English, Chinese (simplified), Chinese (Traditional), Korean, etc...
Files format	MOV
Resolution	Internal len 1280*720 pixels External len 720*490 pixels (max)
Recording video format	H. 264, Audio: AAC
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	Built-in memory (total:64MB)
Photo mode	5million
Photo format	JPEG
Memory card	TF (max 32GB)
MIC	Support
Built-in stereo	Support
Infrared night vision	Support
Video input	Support
Video format	PAL/NTSC
Current frequency	50HZ/60HZ
USB function	USB-Disk
Power interface	5V 800ma
Battery	Built-in 300mAh

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

- **Can’t change to rear-len mode**

Check if rear-len connected and well-connected; or reconnect it.

- **Black image with rear-len**

Check if rear-len is well-connected; or reconnect it.

- **Crash**

Restart by pressing shortly on” RESET” button after crash