



Vehicle Blackbox DVR 行车记录仪

使用说明书
USER MANUAL
РУКОВОДСТВО

Product Overview

This product has industry-leading digital wide dynamic, FULLHD1080P full HD camera, G-sensor gravity sensor, SOS emergency button to save, voice storage, one-touch recording switch, HDMI high definition output, TV sync output functions. This product is exclusive design, elegant appearance, does not affect the overall appearance, humanized design concept allows you to enjoy the noble class treatment!

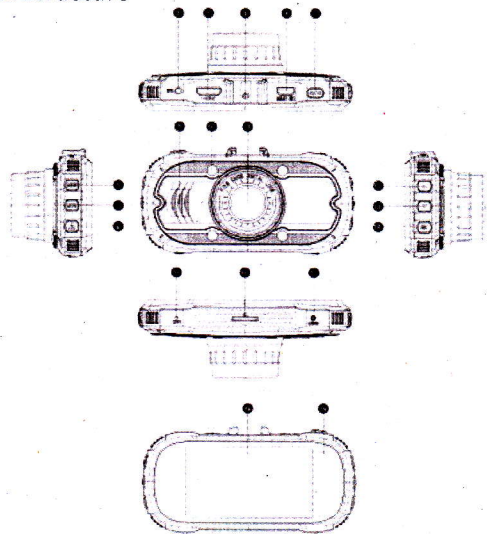
Tips:

This user manual will detail how to use, operation, technical specifications and precautions. Before use, please read this manual thoroughly and fully understand, Please keep this manual, we hope our products can meet your needs and long-term service to you!

This manual in the printing process, the machine because of the appearance, software or hardware repair process leads to the same part of the manual operation of non-conformance, the Company has maintained the final interpretation!

This product complies with FCC & CE certification authority such as indicators, to ensure the safe use of customers.

Product Structure



1) AV-OUT port	2) HDMI port
3) Bracket mounting mouth	4) USB port
5) power button	6) mode key
7) menu	8) Emergency lock button
9) speaker	10) Infrared night vision light
11) HD lens	12) UP
13) DOWN	14) OK
15) MIC	16) TF Deck
17) reset hole	18) display
19) indicator	

KEY FUNCTION INSTRUCTION

- menu button
Short-Press to bring up the feature set menu; Continuous short press this button can switch each other between each set;
- up
Up to select the function key menu options; ; Standby or short video process click here button can digital zoom adjust;
- OK
Video and take pictures to confirm button, the camera mode, short press this key to start recording again press stop recording; camera mode Short Press to take pictures; menu mode to confirm OK.
- down
In menu setting, press down shortly to open or close record functions. After first press the digital zoom function keys, the keys into digital shrink function keys.
- Mode
Short Press to switch between each other in the camera / camera / playback;
Video process short press this key will be on the current screen lock
- HDMI
HDMI OUT PORT
- TF card slot

- USB data interface

- (1) for connecting a PC to transfer data;

- (2) for connecting an external power supply to charge the battery or supplies power to operate;

- RESET

- Select to reset

- Power Switch: Short press Power ON Press and shutdown; short press

- to open or close the infrared night vision light; in the camera mode, short press to take pictures;

- emergency locking keys: In the video mode, short press, can lock the current video file can not be deleted;

- Power Indicator

- This power indicator lights turned on;

- Battery charge indicator

- Insert the USB line after the power light light said it was charging, the battery is full after the light quench;

- MIC: The recording receiver;

Special Function Description

- G-sensor

- When gravity acceleration up to ?g, the machine will automatically save the current video of the accident, not delete the file;

- G-sensor can be adjusted in the menu

- 2G-4G-6G-8G;

- SOS

- Press this button, the current video file is saved as can not be deleted;

- Automatically turn on/off

- When connected with car charger, device will turn on when car start, turn off and save the last video when car power off.

- does not leak seconds

- REC/photo operation specifications

- Power on/off

- Press the power button first boot, the red indicator light lights up at boot time

- Again long press the power button is turned off, the red light goes out;

- Note: The recording instrument will be prompted to low battery voltage automatic shutdown when battery is low

- REC mode

- Short press mode key, switch to camera mode, the upper left corner of the screen displays a camera icon;

- Short press ok button to start the camera, the camera icon will appear flashing red dot, indicating the video work

- Camera mode

- shortly press mode button to switch to camera mode, in the top left corner display camera icon, press OK / Power key to take photo, take pictures when the screen flashes for one time, it indicate photographe is completed.

- Photo mode

Short press mode key, switch to camera mode, the upper-left corner of the screen displays the camera icon;

Short press ok key camera, take pictures of the screen flashes once said camera to complete.

Video / photo playback

- Short press mode key, switch to playback mode, the upper-left corner of the screen to display the playback icon
- Short press up key up to select the file;
- Short press down key down to select the file;
- Short press ok button to play the selected video files;
- Menu setting
Short press menu key, key to enter the setting menu
Short press up or down key, you can set the sub key up and down select switch,
Short press ok to enter set sub key.
- quit menu setting
Short press menu key to quit menu setting;
- Time setting
Short press menu key to enter the set state, short press here Short press down key to set up menu, though this button to select the date and time options, Short press Short press ok key enter, Short press ok button to select the date and time options, short press switch to playback mode,

USB mode

Connect DVR with computer by USB Cable, press "power on" button, car DVR will automatically show USB menu ,there are 1 modes available :

USB-Disk : In this mode we can access video files and photo files.

Battery instruction

- Battery indication image:



Full battery slightly low battery low battery battery empty

- here 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	HD Camera, HD Video
G-sensor	Built-in (emergency save car accident case, will not be deleted)
LCD screen size	2.7LTIPS 16:9
lens	170-degree-A+-grade high-resolution ultra-wide-angle lens
Language	Russian, English,Chinese (simplified), Chinese (Traditional),Korean,Japanese, etc...
Files format	MOV.
Video resolution	1920x1080 30fps built in lens1200W
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
Carrier media	Built-in memory
Photo mode	1200w
Photo format	JPEG
Memory card	TF (MAX 32GB)
mic	support
Built-in stereo	support
IR	support
Video format	PAL/NTSC
frequency	50HZ/60HZ
USB function	1 :USB-Disk 2 :PC-Camera 3 :charging
Power interface	5V 1A
battery	Built in :300mAh

FAQ

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 lens.
- 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