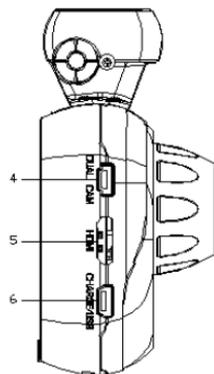
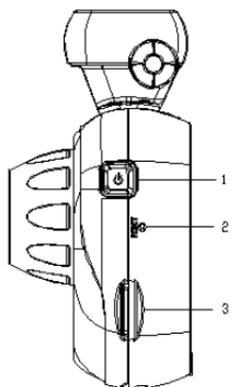


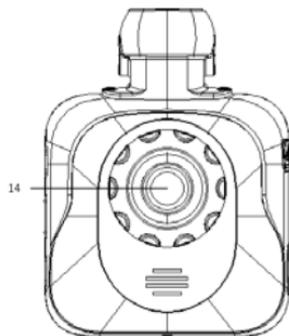
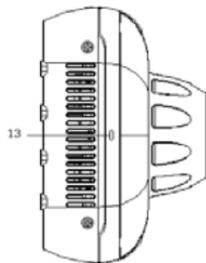
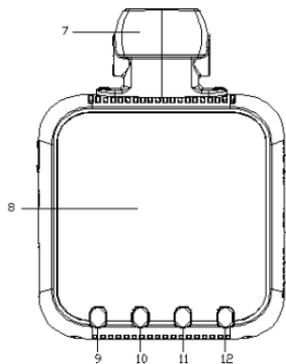
Introduction

Thank you for purchasing this double-recording high definition automobile data recorder. Memory of this machine can be expanded to 32GB. In order to develop maximum efficacy of your machine, please firstly read this operational manual.

Host Product Structure

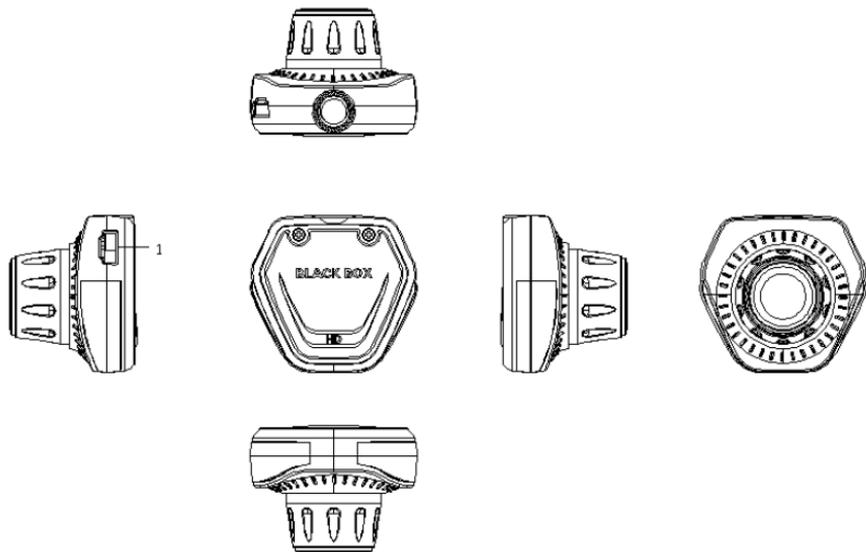
1. Power Button;
2. Reset Button;
3. T Card Slot;
- 4.Rear-view Camera Interface;
5. HDMI Interface;
- 6.USB/DC Interface;
- 7.GPS;
8. Display;
- 9.Video Button;
10. Menu Button;
11. Playback Button;
12. Camera Button;
13. Microphone;
14. Lens





Appearance of Rear-view Camera

1. Interface connecting to host



Start to use the automobile data recorder

1. Power on: (1). The machine will automatically power on and began recording after it was connected to the charger;
(2). The machine also provides the mode of long pressing the Power Button for power on, namely press the Power Button

once and wait about 3 seconds, after showing the Boot screen, the green power indicator lights up for the boot.

2. Power off: (1). The car cigarette lighter stalls during the videoing, it automatically saves and stalls after 10 seconds of videoing, The car cigarette lighter stalls when it stops videoing, the machine will automatically shut down;
(2) Long press the Power Button once, the machine appears the shutdown screen and power off.

Note: If being low battery, the automobile data recorder automatically powers off after the indication of low battery.

Battery Charging

There are three ways to charge the battery, the red charging indicator lights during charging, with about 2 hours of entire charging time, and the red charging indicator automatically lights off after the completion of charging.

- 1 . Use the power socket for charging
- 2 . Use the USB for charging
- 3 . Use the vehicle power supply for charging

Insert Memory Card

The Micro SD Memory Card inserts into the slot straightly according to the giving direction until hearing a sound.

Remove Card

The Micro SD Card is pushed forward, and it can be removed after the card pops.

Note: This machine uses high-speed Micro SD card and above CLASS 6.

Basic Operation of Automobile Data Recorder

I How to Switch Camera/Photo/System Setting

After power off, it automatically enters the camera state and began recording, if pressing the Photo Button during the videoing, you can get the picture you want to save; after press the Camera Button to save the file, and then press Menu Button, and you can enter the Setup Menu of the system.

II How to Camera

A . Videoing with Single Camera

If the automobile data recorder has not inserted the rear-view camera, it automatically carries out the videoing with single camera when starting up, and press the Videoing Button to stop videoing and press once again to restart the videoing.

B . Videoing with Double Camera

If the automobile data recorder has inserted the rear-view camera, it automatically carries out the videoing with double camera when starting up, and press the Videoing Button to stop videoing and press once again to restart the videoing.

C. Option Setting of Camera

In video mode, press the Videoing Button to stop videoing, press the menu button to enter the "Menu Setting" option, and then the bar of the "Menu Setting" is a yellow background.

Resolution: 1080P(FHD)30fps /720P(HD)60fps

Cycle recording: off /2 minutes /5 minutes

Motion detection: close /30 seconds /1 minute /3 minutes

III How to Take Photo

Press Photo Button in the videoing process, the symbol of taking photo appears on the screen to suggest being in photographing, the system has automatically recorded a photo of the same resolution with the video, and you can choose the Playback to view the photo in playback mode.

IV System Setting

Press the Up Button of Direction Button to shift to the main menu system for setting menu, and press Right or Left Button of Direction Button to shift to the system setting.

Language setting: set the required language menu

Format: OK / Cancel

Time setting: set date and time

Automatically close the screen: 30 second /1 minute /5 minutes / Off

Default setting: OK / Cancel

Gravity sensor: High / Medium / Low / Off

Button tone: On / Off

Version: review the software version

Light frequency: 50HZ/60HZ

Automatic shutdown: Close /1 minute /3 minutes /5 minutes

Time stamp: On / Off

V Playback File

Press the playback button in the camera mode to enter the playback mode

The playback mode can be played back the photos / video playback /G-Sensor video files / cycle video files / mobile detection files

The corresponding files operation can be done according to the button symbols suggested on the screen

VI Special Functions

A . Function of Single Camera Videoing

In the state of inserting the rear-view camera, setting up 1080P/30fps, the machine starts up the front camera for Function of Single Camera Videoing.

If pull the rear-view camera, it directly enter the 1080P/30fps video state of the single camera after power on, and the menu can set the video resolution of 720P/60fps.

B . Function of Single Camera Videoing

After the rear-view camera is inserted, it automatically starts up the double camera of 720P/30fps for videoing the file.

C . Photo Function During Videoing

In the process of videoing, pressing Photo Press can shoot the photos convenient for recording the instant photo the user wants.

D . GPS Function

In the process of previewing and videoing, the display shows the GPS symbols, shows red symbol for no GPS signal, and shows green symbol after receiving the GPS signal.

The video file after receiving the GPS shows the location information in the lower right, and can be connected to the Google map and Baidu map with the built-in media player, and you can see the your driving trajectory visually.

E . G-Sensor

The Gravity Sensor (G-Sensor) can induce the shaking impact information from different directions, this information can be showed the data in the GPS/GSensor options of the menu, and the built-in player also can see motion curves of three direction axes visually.

That the G-SENSOR starts up the emergency saving is designed for saving important picture. When the accelerated speed generated from the violent impact of the vehicle reaches the value set by the G-SENSOR, it triggers this function, and then the system carries out the protective processing for the video file and previous one file to ensure that the emergency video files are not deleted by the cycle video of the machine.

Connect to Computer

Download of Video and photo data

1. After the USB line is connected to the computer, press the Power Button to power on, at the same time the green power indicator lights up, and the computer automatically identify Micro SD card disk.

Note: Computer operating system: Windows 2000/XP/Vista/Windows 7, MAC OS x 10.3.6 and above

1. Use the computer for browsing and managing the files.
2. Remove the USB line to close the automobile data recorder.

Note: when the computer crash caused by improper operation in use of this product, it can press the Reset Button for starting up again and the machine can be restored to normal.

Product Characteristics

- 110 degree Class A+ high resolution ultra wide angle lens and 140 degrees Class A+ high resolution ultra wide angle lens with double shot of 720P/30fps, with the perfect combination design of a 2.4 inch display more convenient for videoing and shooting with various angles on occasions.
- Built-in 1/2.5 inch photosensitive element with low noise and high quality can capture the ultra clear picture in dark places.
- Built-in lithium electricity with simultaneous functions of charging and videoing
- Built-in microphone / speaker
- Support the high capacity SD Micro up to 32G
- GPS satellite positioning function
- GSensor gravity sensing function
- Mobile detection video function
- Cycle recording function to automatically delete old file and record new file
- It automatically starts up for videoing functions when the vehicle powers on
- With delay starting function to prevent the machine from the damage caused by transient pulse current when the vehicle starts.

Technical Specification

Size of LCD screen	2.4LCD(4:3)
Camera lens	Front camera 110 degree /rear-view camera 140 degree Class A+ high resolution ultra wide-angle lens
Language option	English/German/French/Spain/Italian/Portuguese/Chinese-Traditional /Chinese-Simple/Japanese/Russian
Video	1080p(FHD)30fps/double-record 720p(HD)30fps
Video form	AVI
SD memory card	Micro SD (suggested use 8G Class6 and memory card above)
Microphone/Loudspeaker	Built-in
Light source frequency	50Hz/60Hz
GPS	Built-in
GSensor	Built-in

USB interface	USB2.0
Power interface	5.5V 2A
Battery	Built-in Battery 650mAh
System requirements	Above Windows 2000/XP/Vista/Windows 7,MAC OS x 10.3.6

Note: The product retains the change right of design and specification without prior notice. If there are differences, the actual product shall prevail.

Parts list

1.Vehicle Power Supply ; 2.Vehicle Mount ; 3.Specification ; 4.Connect Line of Rear-view Camera ; 5. HDMI Line.

Note: The parts list refers to the actual packed parts.