



Vehicle Blackbox DVR

USER MANUAL

Introduction:

Thank you for purchasing this FHD Digital vehicle driving recorder. This product is based on maintaining the original appearance of the original vehicle, and hard evidence for today's traffic accident specially developed a fashion, beautiful, convenient and durable multi-vehicle driving recorder, can record your life lit by lit and it's the best choice for escort for your trip.

Product Overview:

This product is a FHD Digital vehicle driving recorder, with Quad HD 1440P high resolution video, G-Sensor, SOS emergency saving, Audio saving, HDMI output, ADAS function (LDWS, FCWS), etc. functions. This product is exclusive design, elegant appearance, does not affect the overall appearance.

Warm prompt:

● 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!

Using this product, enjoying the real high quality life.

● 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!

● Do not put the machine into the damp working condition, this machine have no waterproof function, so please make the machine no pour water or exposed

1

to rain water.

● Do not try open the shell or try repair by yourself, if the accessories for this machine have any problem, please do to the professional maintenance station to repair.

● Do not use the thrill chemical substance, clean solvent or cleaner to clean this machine, please use the moist soft cloth to clean.

● Do not use this machine under the condition that the dust and density is too large, to avoid affecting the video.

● Please protect the environment, don't discard this machine randomly; do not throw this machine into fire, otherwise will have an explosion.

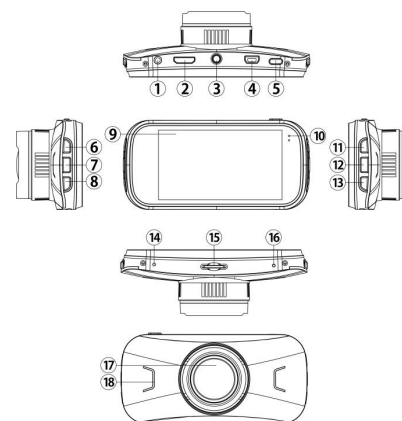
● Please pay attention to clean the lens surface, use the moist soft cloth clean the lens then use, to avoid the video is not so good.

Content Guide

- (A) Unit Structure chart
- (B) Button and Interface Instruction
- (C) Charge and Power on/off instruction
- (D) Photograph/Video/Playback basic operation instruction
- (E) Menu Setting Instruction
- (F) Product Specification
- (G) Installation and Usage of GPS Player
(only suitable for the unit with GPS function)
- (H) Frequently Asked Questions

2

A. Unit Structure chart



- 1 AV-OUT or GPS
- 2 HDMI Interface
- 3 Holder Connector
- 4 USB Interface
- 5 Power/Photo Taking Button
- 6 MODE Button
- 7 MENU Button
- 8 SOS Emergency Button
- 9 LCD
- 10 Radiator shutter
- 11 Up Button
- 12 Down Button
- 13 OK Button
- 14 MIC
- 15 TF Slot
- 16 Reset
- 17 HD Cameras
- 18 Speaker

3

B. Button and Interface Instruction

Button Name	Button Function	Instruction for Use
Power/Photo Taking Button	Power on/off Take Photos Playback file selection	1. Power on: Short press to turn on and the red indication light on. 2. Power off: Long press to turn off and the red indication light off. 3. Take photos: In the photograph mod, short press to take photos. 4. In the playback mode, short press could switch between locked file and unlocked file.
Reset	Reset	short press to turn on again when the machine standby
OK Confirmation	Video start/stop/ photograph function Menu confirmation	1. In the video mode: short press to start record, short press again to stop recording. 2. In the photograph mode: short press to confirm make photo. 3. In the menu mode: set and confirm.
Menu	Photograph/record/ playback, all functions setting	1. In the video mode: short press once to switch video setting. 2. In the photograph mode: short press once to switch photograph setting. 3. In the video/photo playback mode: short press once to switch playback setting.
Up	Choose up Turn on/ off the audio recording function	1. In the menu mode: Up. 2. In the video mode : short press to turn on/off the audio recording.
Down	Choose down	In the menu mode: Down

4

Mode	Switch among photograph/ record/ playback	1. In the video mode: Switch among photograph /record/playback. 2. Screen shot: In the video mode, short press mode button could screen shot the current figure.
SOS Emergency Button	Press to lock the file	Press to lock the file when under the video status.
TF card Slot	TF card Slot	Insert the TF card into this Slot
HDMI Interface	High definition output	Connect the HD television by HDMI cable, in the video mode, view the video/photos; in the photograph mode, make photos, view video and photos.
AV or GPS Slot	AV Output or GPS Output	1. The AV slot can't be acted as AV output if the machine be set with GPS, only acted as GPS output. 2. The AV slot can't be acted as GPS output if the machine be set without GPS, only acted as AV output.
Holder Interface	Install holder	Install the holder on the machine
USB Output	storage/charging	1. Connect USB cable for auto recording, and view the video/photo. 2. Connect USB cable for auto charging.

C. Charge and Power on/off instruction:

1. Charge Method:

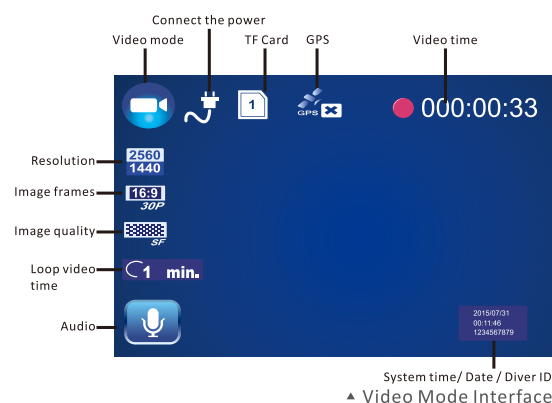
1.1: Charge by connecting the cigarette lighter

5

Attention: the device will be turn off automatically after a warning of low battery when the power is very low.

3.2: Charge by connecting the computer via USB data cable
vehicle DVR mainly use while charging, the full built-in battery could maintain about 10minutes for standby, if use for long time, must connect the power cable for charging; and use by connecting the mobile power at home.

D. Photograph/Video/Playback basic operation instruction:



8

1.2: Charge by connecting the computer via USB data cable
The blue indication light will on when charging, and need about 120 minutes to be full, after it's full the indication light will off.

2. Operating guide

Auto power on/off:

After the vehicle connect with the vehicle power, this machine support auto video record when the vehicle startup, auto power off and save the video when the vehicle shut down.

2.1: the vehicle startup- cigarette lighter connect power- auto power on and video record.

2.2: the vehicle shut down - cigarette lighter disconnect power- auto power off and save the video.

(PS: The key for power on/off: 1. The vehicle power connect the cigarette lighter; 2.the vehicle start on/shut down, the cigarette lighter must have the two actions of electrify/outage)

Attention: very few vehicles the cigarette lighter have no outage after the vehicle shut down; if there is no two actions of electrify/outage, then the machine can't auto power on/off, if such condition happened please consult 4'S shops or vehicle beauty shops for modify to solve the problem. The GPS symbol will not appear when the unit without GPS function in below picture, please connect GPS module before power on (this is only available for the unit

6

Video Mode:

Short press mode button to switch to video mode, there is a video recording icon shown on the top left corner of the LCD; short press OK button to start recording, the red video indication light start to flash, that is the DVR is under recording, short press OK button again to stop recording.

Video process:

Power on — enter video mode — short press OK button to record — short press OK button again to stop recording.

Photo Mode:

Short press MODE button to switch to photo mode, there is a photo shooting icon shown on the top left corner of the LCD, short press Power or Photo Taking button to take photos, when photography is finished, the LCD will be flash one time.

Attention: This machine is limited only for 50pcs photos, and can't take photos when over 50pcs.

Photograph process:

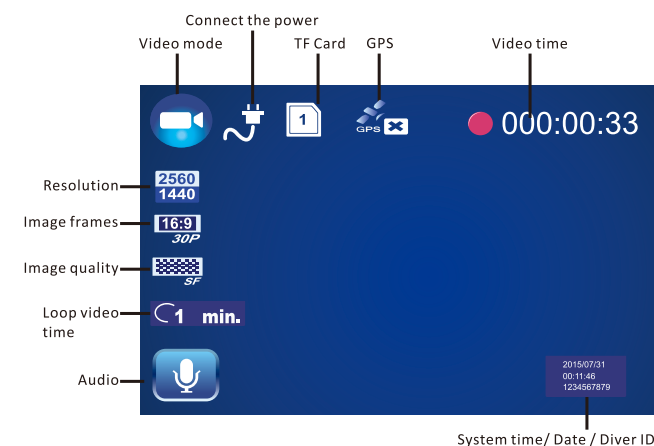
Power on — enter video mode — press MODE button to switch the photograph mode — press Power or Photo Taking button to take photos.

Video/Photo Playback

Short press MODE button twice to switch playback mode, the playback icon will be shown on the LCD top left corner:

9

with GPS function), this GPS shows tracking of the longitude and latitude of driving, without navigation function.

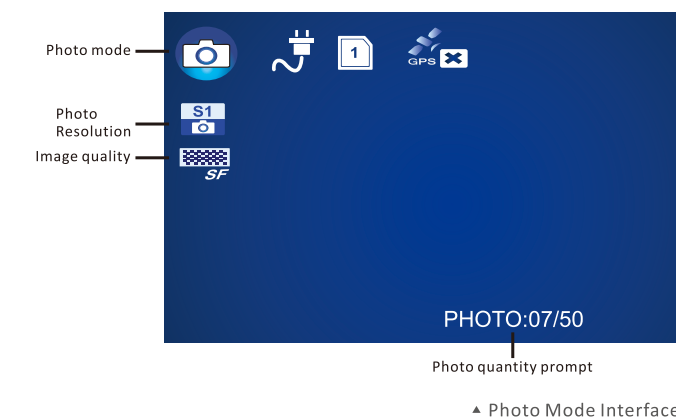


7

3. Before installation, operate instructions by hand:

3.1: Power on/off by hand

Short press Power button, the red indication light will on. Enter the video mode, Long press Power button again, the red indication light will off.



1. Short press Power/Photo Taking Button to selecting the file section (locked section/ regular file section)

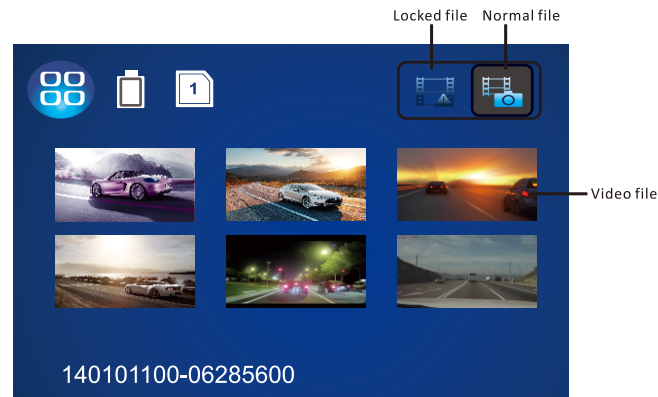
2. Short press OK button to enter the playback section, then short press up/down button to selecting the file, press OK button again to enter single file playback(press OK button again to start playback the video)

Attention: If it's recording, first stop recording, then press MODE button twice to switch the playback mode.

10

Playback process:

Power on—enter playback mode—press MODE button twice to switch the playback mode—press up/down button to enter the section and press OK button to choose—press OK button to enter single file playback(press OK button again to start replay the video)



11

normal recording, as it will cause irregular power off/on and recording time happens if on. please firstly set the “Motion Detection” on and “Auto Off” off in the menu settings before using this feature.

Motion Detection: Fix the camera then turn on (please stop recording by hand if the unit is recording), it will record when there is anything/object moves in front of camera or when camera lens moving. It will stop recording when no any object move, if the image (in front of camera) changes all the time, then unit will record cycle by cycle. not record if object still. Due to the software algorithm, there maybe some error detection which may lead to leakage of recording. Please take a caution before use.

G-sensor setting: Four modes: off/high/middle/low

G-sensor: If car collision, G-sensor will work and automatically save and lock the file, video can not be covered.

Parking Monitor/Parking Mode: On/off, default is off. Please firstly set the “Parking Mode” on in the menu settings before using this feature.

Parking Mode Description: When vehicle vibrate by collision, and vibration strength reach the parking mode operating range, the vehicle will auto on and record, after 30 seconds camera will auto off and save and lock the current video at the same time, which also never be covered by cycle video.

Loop Record Recording: Off/1min

MIC: on/off the default is off, also recommend off.

14

E: Menu Setting Instruction

Video setting

After power on enter the video mode, the video icon will be shown on the LCD top left corner: short press MENU button one time to switch the video setting, the video blue icon will be shown on the LCD top right corner: there are below setting options at the screen, they are Video resolution, Image quality, Advanced driving assistant system detection, Motion Detection, G-sensor setting, Parking Mode, Loop Record Setting, MIC, Anti-flicker etc., short press up/down to switch the setting options, short press OK button to enter the setting, short press up/down button to modify the setting, and short press OK button to confirm the modification.

Attention: Under the video status no any use to press MENU button, first stop recording, then press MENU button again to switch the video mode.

Video resolution:

2560x1440 30P / 2304x1296 30P / 1920x1080 30P 1920x1080 60P / 1280x720 60P / HDR 2560x1440 30P / HDR 1920x1080 30P

Image quality: Three effects: superior/good/general

Advanced driving assistant system detection (ADAS Safety Assistance): on/off, default is off, also recommend off (not available for the resolution of 2304x1296), is the setting of LDWS and FCWS function.

12

Anti-flicker: 60Hz/50Hz

System setting:

After power on enter the video mode, the video icon will be shown on the LCD top left corner: short press MENU button twice to switch the system setting, the video blue icon will be shown on the LCD top right corner: there are below setting options at the screen, they are Language setting, System: NTSC, Drive ID Setting, Time setup, Stamp setting, Format, Default setting, Auto Power off setting, Card Volume, Warning tone setting, Backlight setting, Version information.

Operation:

1. Short press Up/Down button to switch the setting options.
2. Short press OK button to enter the setting, short press up/down button to modify the setting.
3. Short press OK button to confirm the modification, if no save the modification, just press menu button to exit.

Language Setting: English/ Simplified Chinese etc.

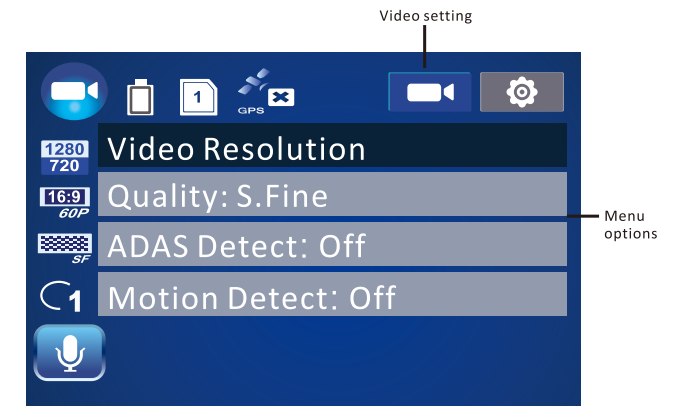
System Format: MTSC/PAL default is PAL

Driver ID setting: set 1-9 9 positions

Time setup: set year/month/date/time

Stamp setting: Three modes: date/time/vehicle driver no. the default is off.

15



Description:

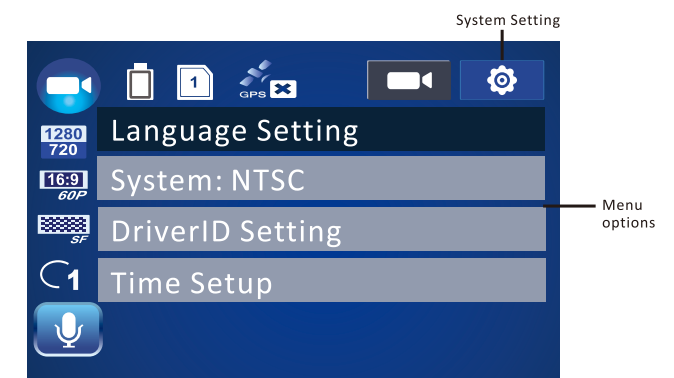
- 1) LDWS - Lane Departure Warning system: when vehicle exceed white lines during changing lanes, it will remind driver.
- 2) FCWS - Front Collision Warning system: when predict the dangerous driving it will remind the driver 3 seconds before dangerous happens, and called the third eye which never tired.

Motion Detection: On/Off, default is off. Please set this function off when

13

Format: choose © or ×, choose © means format, choose × means no.

Default setting: choose © or ×, choose © means reset, choose × means no.



Auto Power off setting: Four modes: off/1 /3/5 minutes

Card volume: Three modes: total capacity /usage /surplus

Warning tone setting: on/off, default is on

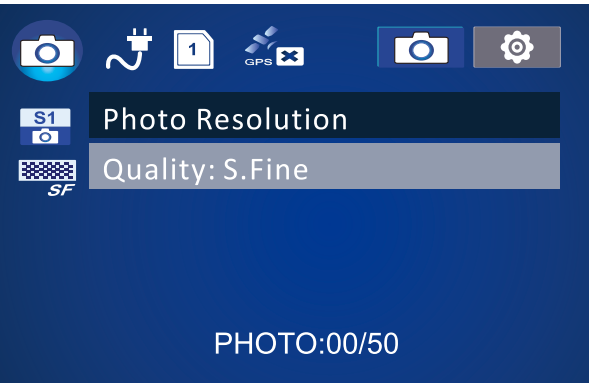
Backlight Off setting: Four modes: off/1 minute /3 minutes/5 minutes
Without any buttons press operation for unit during the setted time, the screen will off, but the unit is still working.

16

Version info: view the version information.

Photograph setting

After power on, short press MODE button to switch the photograph mode, the photo icon will be shown on the LCD top left corner, press MENU button to enter the settings, there are 2 setting options:Photo resolution, Image quality; short press up/down button to switch the setting options, short press OK button to enter the setting, short press up/down button to modify the setting, and short press OK button to confirm the modification.




17

Auto turn on/off while vehicle power on/off	Support turn on while vehicle starts. And turn off while vehicle shutdowns.
Motion Detection	Support
Year/Month/Day/Hour/Minute	Support
Photo Pixel	4M/8M/14M/16M
Photo Format	JPEG
Memory card	TF (Support Max 512GB)
MIC	Support
Built-in Speaker	Support
GPS	Support Optional (With GPS no AV, or With AV no GPS)
ADAS Function	LDWS,FCWS
USB Function	1: Storage 2: Charging
Power Interface	5V 1.5A / 1+5-
Battery	Built in Li-ion Battery
Parking Mode	Support
Normal operating temperature range	-30°to 80°

G. GPS player software Installation and Using Instruction

(Only suitable for the units with GPS function)

If need check the GPS information , the professional player must be installed firstly.

- 1.Please install the file provided in the unit:
- 2.Please copy the file  BlackView_Player... to computer and install.

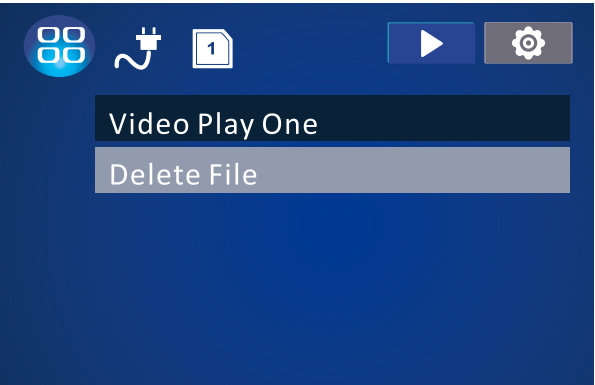
20

Photo resolution: Four modes: 4M(2688×1512 16:9) / 8M(3264×2448 16:9) / 14M(4384×3288 16:9) / 16M (4608×3456 16:9)

Image quality: Three modes: superior/good/general


Playback setting

After power on, short press MODE button twice to switch the playback setting, the photo icon will be shown on the LCD top left corner, press MENU button one time to enter setting, there are 2 setting options (Play mode setting, Delete the file); short press up/down button to switch the setting options,



18

Using the player software:

- (1) Please open  BlackView_Player... and install it for the first use.
- (2) Click File –Open to choose the file which need play, and open the play mode directly, as below:



21

short press OK button to enter the setting, short press up/down button to modify the setting, and short press OK button to confirm the modification
Play mode setting: Four modes: play single/ play all/ single loop/all loop the default is play single.

Delete file: Two modes: delete the current file/delete all files the default is delete the current file.

F. Product Specification

Product Feature	HD Camera, HD Recording
G-sensor	Built-in(to save the file emergency, and cannot be deleted anymore if the collision of vehicles happen)
LCD Size	3 LTIPS 16:9
Lens	170 Degree A+ HD ultra wide angle
Photo Pixel	1800W
Video Pixel	500W
Lens Aperture	F=1.8
Language	English/Simplified Chinese etc
Video Format	MP4
Video Resolution	Seven modes: 2560x1440 30P / 2304x1296 30P / 1920x1080 30P / 1920x1080 60P / 1280x720 60P / HDR 2560x1440 30P / HDR 1920x1080 30P
Video compresion format	Color Effect
Color Effect	Loop Recording
Loop Recording	Auto turn on/off while

19

H. Frequently Asked Questions

Under normal operating conditions, if there is problems with the device, please refer to the following methods to solve.

Can not take picture and record

Please check whether there is enough space for of TF card, or if it is locked.

Stopping automatically while recording

Due to the huge amount of HD video data, please use high-speed C10 TF card with SDHC compatible, there will be the mark of C10 on the TF card.

There is “wrong file” shown on LCD when replay the photo/video

Uncompleted files because of TF card storage error, please format your TF card.

Fuzzy image

please check if the lens stay with dirt, fingerprints, please cleaned lens with paper before shooting.

Dark image when when shooting the scene of sky or water

There will have an impact on the exposure when the big difference between the scene. Please adjust the “EV” in the menu setting.

The color is not good in the cloudy or indoor

Please check the “white balance” is Auto or not in the menu.

22