


Black Box WIFI Dashcam

User Manual



USER MANUAL
Exclusive 3 channels camera

Please download WIFI products
(No download required for non WIFI)
Press and hold the key to open
the hot spot of the machine

一、 Product Specification

DDR	Built-in 64M
FLASH	8M SPI norflash
Display Screen	2.0 inch IPS HD screen
LCD resolution	800X480 pixels
External port	MINI USB 5V/2A power adapter port
Speaker	2.5mm digital 720P rear view lens port
MIC	Monophonic 15*10mm speaker
MIC	4015 Standard Omnidirectional Microphone

Features:

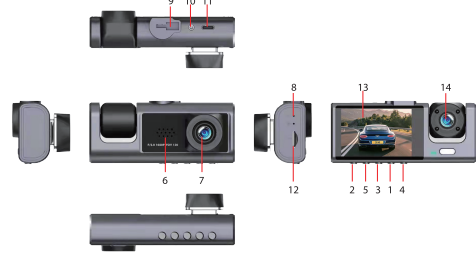
Front camera	6-glass/F2.0aperture/170° wide angle
Inside camera (optional)	VGA 120°
GPS tracker	NO
AV OUT	NO
Rear camera	6M cable/2.5mm port
Photo	Support
Lens rotates	Adjust manually
WDR	Support
HDR	Support
Reversing Visual	Support
Video format	AVI
Image format	JPG
Compression format	H.264
Battery	150mAh polymer lithium battery
Language	support multi-language
G-sensor	Support

Motion Detection	Support
Delay shutdown	Support
Loop recording	Support, Do not leak seconds
Sound record	Support
Fill light for night vision	Support (Open manually)
Parking monitoring	Support
Front camera resolution	Max 1680x960 (30f/s)
In-car camera resolution	HD640x480 (25f/s)
Camera resolution	Max support 3M

Working Environment

Operating temperature	-40°C~70°C
Operating humidity	15-65%RH
Storage temperature	-40°C~70°C

二、 Key Features (picture for reference only, mainly in kind)



1) Menu / Camera / Playback	2) Power button
3) Down	4) Confirm button
5) Up	6) Front camera
7) Microphone	8) Reset button
9) Holder interface	10) Rear camera interface
11) Power interface	12) TF Card slot
13) Display screen	14) Inside camera (optional)
15) Turn night vision on / off	

[O] Power button, short press to turn on/off screen, long press to switch on/off the device.
[M] Menu / camera / playback button
 Press **[OK]** key to stop recording, press **[M]** to enter photo mode, press **[OK]** to take photo; in the camera mode, press **[M]** to enter playback mode, press **[OK]** key to playback. Lock function: In case of video recording, short press **[M]** for a key lock function to protect the current video file, and this file will not be covered by the cycle video. In video mode, long press **[M]** to enter video menu settings as follows:

Recorder Menu		
1 Resolution	1080P FHD/720P/VGA	
2 Loop recording	Off/1minutes/2minutes/3minutes	
3 High dynamic range HDR	on/off	Improved image quality, Better visual effect
4 Exposure compensation	-3, -2, -1, 0, 1, 2, 3	
5 Motion detection	on/off	In standby mode, it will automatically record while a objective moves
6 Sound record	on/off	Turn on/off sound record
7 Time stamp	on/off	
8 Car number	on/off	
9 G-sensor	High/Medium/Low Sensitivity	When car occur collision/accident, it will lock current video and can't be covered
10 Parking monitor	on/off	unattended surveillance
11 Date/time	Adjustment Years/months/days/hours/minutes/seconds	
12 Automatic shut-down	Off/3minutes/5minutes/10 minutes	
13 keypad tone	on/off	
14 OSD language	Support multilingual	Choose a language

15 Light source frequency	50HZ/60HZ	Choose the Light source frequency
16 format	Confirm/ cancel	format TF card
17 Screen saver	Off/30seconds/1minute/2minutes	
18 Default setting	Confirm/ cancel	
19 version	Machine software version number	

In photo mode, long press [M] to enter photo menu settings as follows:

1 Shooting method	Single shooting/2 seconds timer / 5 seconds timer / 10 seconds timer
2 Resolution	1M/2M/3M
3 Continuous shooting	on/off
4 Picture quality	High quality/standard/economy
5 Acutance	Strong/standard/soft
6 White balance	Automatic/sunlight/cloudy/hungsten lamp/fluorescent lamp
7 ISO	Automatic/100/200/400
8 Exposure compensation	-3, -2, -1, 0, 1, 2, 3
9 Time stamp	Off/ Date

Installation Notes

1. Please test the rear view camera firstly, if it works well then install (package without rear view lens can be ignored).
2. Turn off the car engine.
3. The TF card insert the recorder slot.
4. The recorder via a bracket fixed to the front windshield of the car.
5. Insert the car charger into the car cigarette lighter.
6. Install the rear camera at the rear of the vehicle, and pay attention to the up and down direction. Wiring can be buried along the edge of the car roof lining. **[Note]** There are two ways to install the rear camera.
 - A Adorbed on the glass above and behind the car, hands-on self-installation (Reversing visual function can not be achieved, only real-time recording rear view).
 - B To find a professional installation staff installed in the license plate above the camera at the same time need to connect the power reversing lights (Reversing visual function can be achieved).
7. Adjust the lens position to ensure the best viewing angle.
8. Start the engine and check that the machine is operating properly.

Features

1. Use the automatic recording function. Start the car engine, the recorder automatically starts to open the recording function. Close the car engine, the recorder automatically saves the contents of the log and shuts down. recorded video segments are stored on the TF card. When the TF card is full, the recorder will overwrite the oldest recorded image preferentially.
2. The video segment of record can be set 1/2/3 minutes in the menu.
 - a. Time segment of record can be set 1/2/3 minutes in the menu.
 - b. The video individually saved in the folder named "DCIMA" and "DCIMB" in TF card (package include rear view lens).
3. Use motion detection. In standby mode, enter the menu screen open the motion detection mode. When the lens is sensitive to the peripheral area of a moving object, the state machine into the camera, recording 30 seconds after the system stops recording. To exit the motion detection mode, in standby mode to enter the menu screen close motion detection mode.
4. G-sensor. The built-in gravity sensor (G-sensor), if serious vehicle collision, the recorder will lock the first 5 seconds and 10 seconds after the image date when the accident occurred while the bottom left of the display screen displays a lock icon; locked images will be saved as a special file, the file will not be overwritten cycle. (note) Gravity sensor (G-Sensor)sensitivity adjustment support may actually need to change setting in the setup menu according to their image.

FAQ

Machine appears "file error" message	Settings menu -> Restore factory settings and format the memory card. the general problem is TF card
The screen appears horizontal stripes interference	Please select the correct power supply frequency 50HZ/60HZ
How to properly turn on the 24-hour parking monitoring function	While in normal driving, please do not open it, easily lead to automatic shutdown or crash after parking is required to open, configure the built-in or mobile power please.

Night shooting screen is not clear enough
 Recorder shooting depends on the outside strong light source (such as streetlights or car light)

The machine always reverts to the default date and time
 Shutdown in the first case full of electricity, you can use car charger or mobile power supply to add power

what is the reason for video file leak seconds
 Turn off motion detection (Turn on the loop recording function) With a certain choice of their own genuine card C10 high-speed card

Why during recording, the machine automatically shut down suddenly
 Please turn off the parking monitoring function first! Ambient temperature exceeds 70 °C, will cause automatic shutdown

[Note] Practice proof
 Most of the problems sources from the memory card, a small part cause of power cord

The information provided in this manual is for reference only. Please prevail in kind (some special features depend on different models) . All rights reserved.