Instruction Manual

READ ALL INSTRUCTIONS BEFORE USE
SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

Contents

1.Important Notice

• This dash cam is intended for use in motor vehicle only. Do NOT install the camera where it might block the driver's view of road or the deployment of the airbag.

• Before using this device, please check the memory card first, and format the SD card, set the time and date in the menu.

• This camera records video at high resolution, Be sure to use a U3 or above high-speed Micro SD card. Maximum support 256G cards.

• To access the menu settings, please press the OK button to stop the video recording first.

• Do not leave the camera in direct sunlight for a long period of time or where the temperature could go above 140°F(60°C)

• Do not disassemble, repair, or modify the product yourself.

• For internal inspection and repair, contact the service center.

2. Pakage Included

D

C

B

Instruction Manual

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A

E
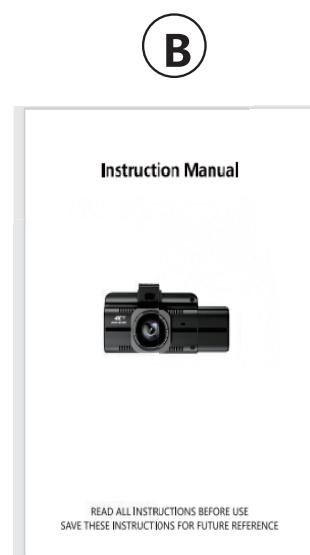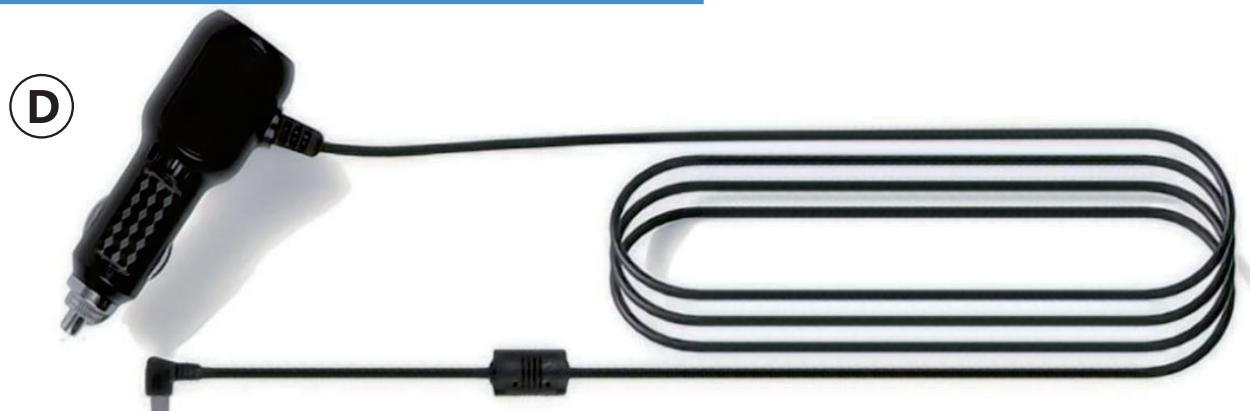
A. Front Dash Camera   **B.** User Manual   **C.** 360°Suction   ount
D. Car Charger

E. Rear Camare

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3. Specification

Model	Dash cam
Screen Display	3.0inch IPS Screen
Lens	170° Wide Angle Lens
Video Resolution	3 records: 4K+1080P+1080P
Video Format	Mp4
Video Coding	H.264 /H.265
Video Mode	Normal / Loop Recording
Picture Format	JPG
Loop Recording	1 Min/3 Min/5 Min
Power ON Recording	Supported
G-Sensor Lock	Supported
Language	English /Japanese/ German / French / Spanish
Audio Recording	ON/OFF
Storage	Micro SD Card (Up to 256GB)
USB Interface	TYPE-C
Internal Power	battery
External Power Supply	DC12V IN, DC3.7V BATTERY
Storage Temperature	-20°~60°C(-4°F~140°F)
Operating Temperatur	-10°~50°C (14°F~122°F)

4. Product Features

12 13 14

10
11

2   3

5 6 7 8 9

4

1
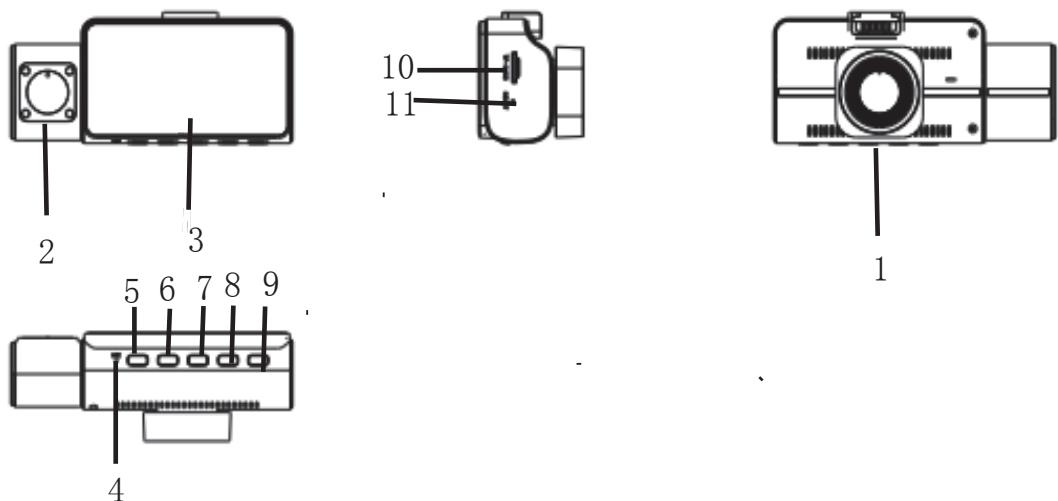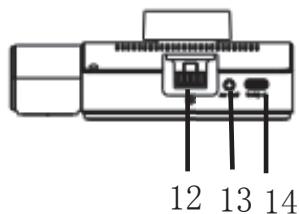
| No.	Name	Description
1	Front Camera Lens	Front facing camera for video recording road events
2	Cabin Camera Lens	cabin camera for in-car video recording
3	LCD Screen	3" TFT Color IPS Display

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4	Microphone	Records clear audio with the video footage
5	Power Button	Turn on/off the device
6	OK Button	Confirms the action; Stop/Start the video recording
7	Up Button	Move selector up
8	Menu Button	Enter/Exit setup menu
9	Down Button	Move selector down
10	Micro SD Card Slot	Provides expandable storgae, up to 256GB
11	Reset Button	Press to force reset the device
12	Mount Connetor	Connects to the suction cup mount
13	AV	Connect the rear camera
14	TYPE-C Port	Type-C port for charging or transferring

5. Button Function

⏻ **Power**	Short press to turn off the screen or turn on the screen, long press to turn on and turn off.
▲	• In Setting Menu, short press to select option and adjust values. • During video recording, short press to turn on/off audio recording.
OK	• In Standby/Video , short press to start/ stop video recording or take a photo. • In Setting Menu, short press to confirm selection and adjustment. • In Playback short press to select and play recorded files.
▼	• In Setting Menu, short press to select option and adjust values. • During video recording, short press to switch front inside and rear image display mode. • In Playback, short press to select media files.
MENU/ MODE	• In Video/ Playback mode, short press to access the menu settings for that particular mode. • In standby, Long press to switch mode between Video /Playback. • Short press during recording to lock the current video.

6. Screen Overview
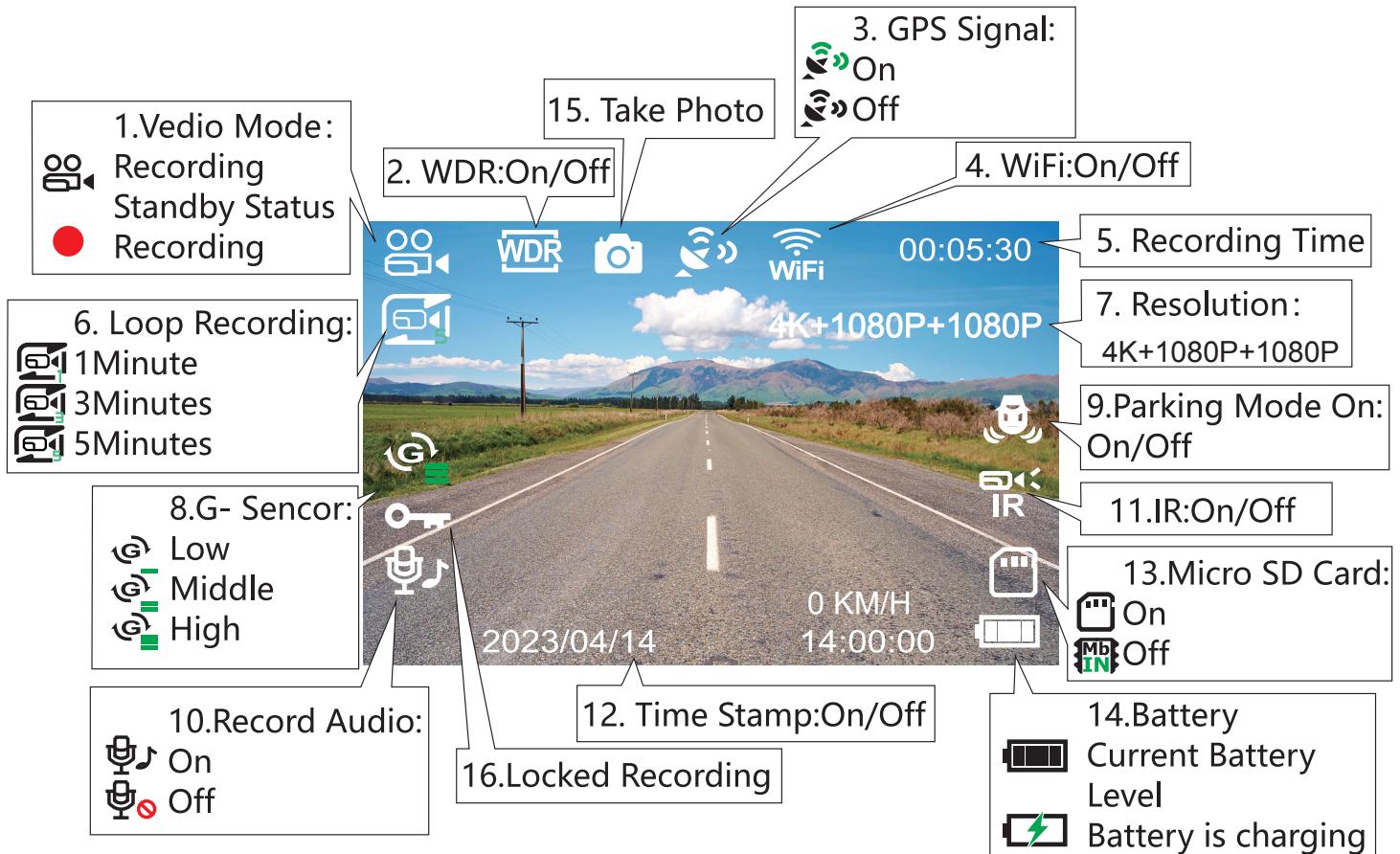
3. GPS Signal:
On
Off

15. Take Photo

4. WiFi:On/Off

1.Vedio Mode:
Recording
Standby Status
Recording

2. WDR:On/Off

5. Recording Time

00:05:30

4K+1080P+1080P

7. Resolution:
4K+1080P+1080P

6. Loop Recording:
1Minute
3Minutes
5Minutes

9.Parking Mode On:
On/Off

11.IR:On/Off

8.G- Sencor:
Low
Middle
High

13.Micro SD Card:
On
Off

0 KM/H
2023/04/14   14:00:00

12. Time Stamp:On/Off

14.Battery
Current Battery
Level
Battery is charging

10.Record Audio:
On
Off

16.Locked Recording

1. Vedio Mode

9. Parking Moniter

2. WDR

10. Record Audio

3. GPS Signal

11. IR Light

4. WiFi

12. Time Stamp

5. Recording Time

13. Micro SD Card

6. Loop Recording

14. Battery

7. Resolution

15. Take Photo

8. G- Sencor

16. Locked Recording

7. Install Memory Card
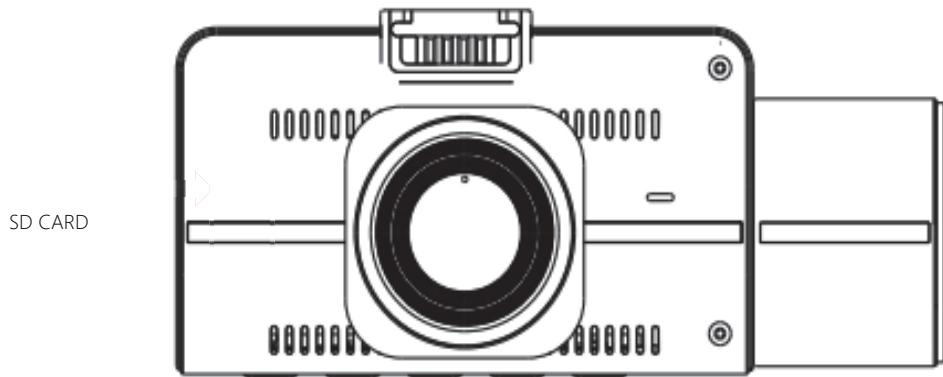
SD CARD

Install the Memory Card

Please insert the SD card in the correct direction. Please insert the SD card when dash cam is off. Carefully insert the memory card into the camera's card slot until it clicks.   SD card is already inserted in the SD card slot)

To remove the memory card

To remove the card, power off the camera first, then push the card into the slot until it clicks again.

Note:

- Please do not remove the card while the camera is recording to prevent data loss/corruption.
- Please use a Class 10 or higher rated micro SD card with a maximum capacity of 256GB.
- Ideally, the Micro SD card should be formatted once a month to maximize the lifetime of the memory card.
- Please format the Micro SD card before the initial use.

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8. Installation Guide

Installing the front dash camera onto your windshield

1. Attach the Suction Mount to the camera's mount connector, pushing it in until it clicks.

Note: Please press this lock button down to lock the suction mount and dash cam, press up to unlock it.

2. Thoroughly clean the windshield using water or alcohol, and wipe clean with a dry cloth.

3. Wipe the suction mounting pad clean on the suction mount.

4. Securely attach the suction mount to the windshield. Recommended mount the front camera near the rear view mirror, adjust the lens angle for best coverage.

5. With the Type C USB Cable, connect the supplied car charger to the camera mount base.

6. Carefully route the power cable around the windscreen and tuck it under the trim.

7. Insert the car charger into your vehicle's cigarette lighter port. The indicator will light up meaning power is on.

8. After installation, please start the engine, and test it to make sure all function works well.

Cigarette Lighter Socket
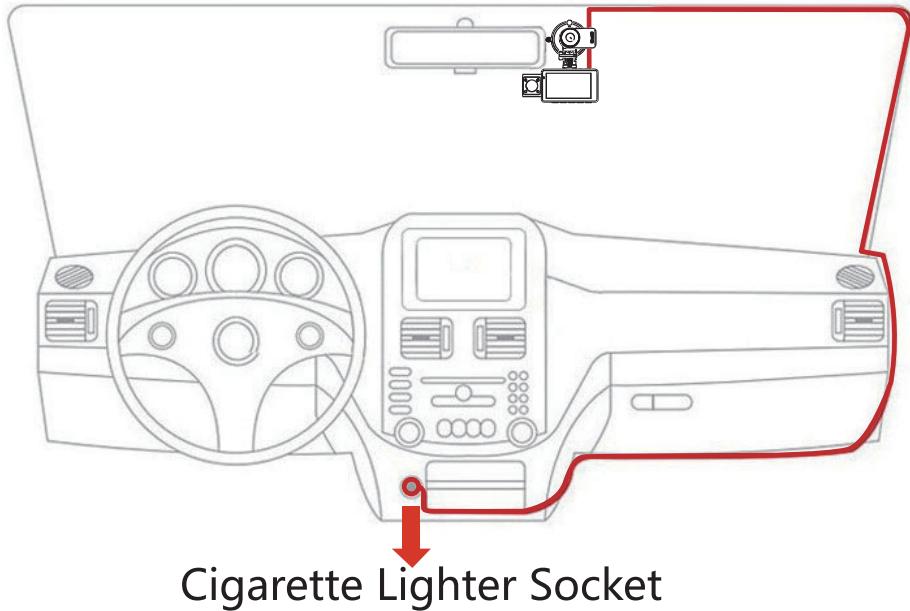
Warm Tips:
- Do not install the dashcam in a location that will obstruct your required driving view.
- Make sure that the lens is within the wiping range of the windscreen wiper to ensure a clear view even when it rains.
- Do not touch the lens with your fingers. Finger grease may be left on the lens and will result in unclear videos or snapshots. Clean the lens on a regular basis.
- Do not install the device on a tinted window. Doing so may damage the tint film.
- Use only the supplied car charger to power up the device.
- Connect the car charger's one end to the dash camera's USB port.
- Connect the vehicle's cigarette lighter socket to the other end of the car charger. The dash camera automatically powers on and begins recording when the vehicle's engine is started.

Installing the rear camera

Position 1: For easy installation, install the rear camera on the rear windshield.


Fig.1

Position 2: Rear camera should be installed near the license plate. Position 2 is very advised. Both the rear viewing and reverse guidance images are sharp and clear. To use the reversing function-please install the rear camera in this position.

Fig.2
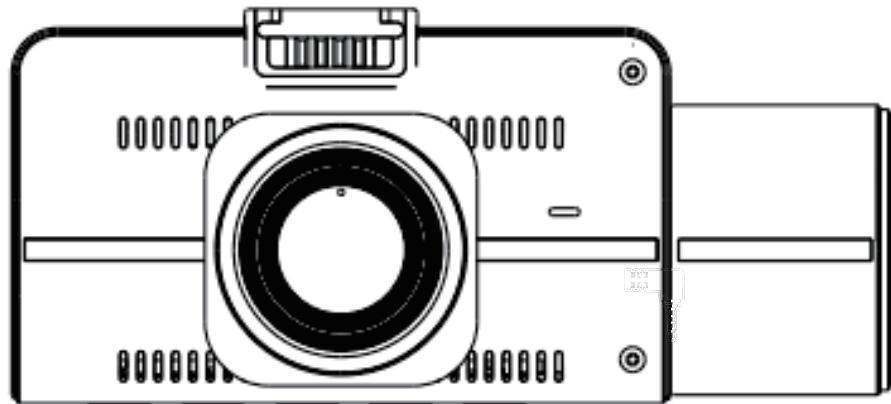
Basic Operation

There are two ways to power ON/OFF the camera:

A. Manually

Single press the Power Button to power ON the camera unit, long press the button to power it OFF.

A. Automatically

When connected to the car charger, the camera will auto-power ON after you start your car and the battery charging will commence. The camera will power OFF 5 seconds after you turn off the car engine.

Reset the Device

If the dash cam does not function normally,try restarting the dash cam. Please insert a flattened paper clip into the "R" hole on the side of the dash cam for 5 seconds, then release it. The dash cam will restart.

9. Initial Settings

Before using the dash cam we recommend Formatting the Inserted Micro SD Card, setting the correct Language, Time and Date. After setting the initial settings, press M to return to standby mode. Press the OK button to start camera operation.

Set the Language

1). Press the OK key to stop the recording and press the M key to enter the system menu twice.
2). Press the right button to select the language option and press OK to enter the language setting.
3). Press the up or down button to select your language, press OK button to confirm and return to the system menu.

Set the Date and Time

Setting the Time and Date allows you to stamp your footage with the time as a reference.
1). Press the OK button to stop the recording and press the M key to enter the system menu twice.
2). Press the down button to select the date and time option, and press OK to enter the setting.

3). Press to the up or down to adjust the number, press OK to confirm and go to the next item.
4). Press M to return to the system menu.

Format the Memory Card

Formatting the Micro SD card will delete all information on the inserted Micro SD Card and prepare the card for use with the dash cam.
1). Press the OK button to stop the recording and press the M key to enter the system menu twice.
2). Press the right button to select format option, press OK to enter the setting.
3). Press the down button to select "OK", press OK to confirm the formatting and return to the system menu.

Note:

1.Menus cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.(The blinking red dot on the screen means the camera is recording video).
2.Formatting your Micro SD Card will delete all files from the card. Once these files have been deleted you will not be able to recover them.
3. After setting the initial settings, press M to return to standby mode. Press the OK button and the camera starts working.

10. View the Recorded Videos

Playing Back Video on dash cam
1) Press the OK button to stop recording (no red dot flashing on the screen)
2) Press and hold the M button for 3 seconds to enter photo mode and video playback mode.
3) Select a video by pressing the up or down keys. Press OK to play the video.
4) Press and hold the M button for 3 seconds again to exit and go back to video recording.

Playing Back Video on a PC
1) Connect the dash cam to the computer using the USB cable (included).
2) Select "Mass Storage" on the dash cam.
3) Open the folder in the storage disk on your computer to view your recorded video.

Note:

To playback video files on your PC it is recommended to connect the Micro SD card directly to your PC using either a USB Micro SD card reader (not included) or if your PC has a SD card slot, a Micro SD/SD Card converter(not included). Once the Micro SD card is connected it should appear as a removable storage device. It is recommended that you transfer video files that you want to playback to a file on your computer before attempting to playback. This will reduce any delay in playback.

11. Menu Settings

1. The dash cam operates in 3 modes: Video Recording Mode, Photo Mode and Playback Mode. These modes also have menu to help you configure recording .

2. Long press M button to switch between different modes and access the mode you want. Watch the icon on top left corner of the screen for each mode.

3. In this 3 modes, you can enter the setting mode by pressing the M button.

4. Press the up or down button to select the setting option, press the OK button to onfirm, press the M button to return the menu.

5. After powering ON the camera, press the MENU button to enter the setup process.(If the camera is recording video, press the OK button to stop recording before pressing the MENU button.)

Video Recording Mode

The camera will automatically enter Video Recording Mode and start recording when connected to a car charger and power on. A Red dot flashing on the top left corner indicates recording is in progress. Press the OK to stop recording or start recording again.

Locked Recording

Lock Recording saves the current video file and prevents it from being overwritten. When the car encounters a collision, the G-sensor detects the vibration and the camera automatically locks the video. To manually activate locking video, follow the instructions below.

1.During recording status long press the [M] button for 2 second untill the ⚿ shows on the screen.

2.To unlock the footage, short press the[Ok]button again.

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Resolution: Adjust front lens recording video resolution.

3 Channel Camera:

4k 25 FPS+ Inside 1080P 20 FPS +Rear 1080p 25FPS

3 Channel Camera： FHD P25 + FHD P20 + FHD P25 (setting by defailt)-Front 1080P25 FPS+ Inside 1080P20 FPS + Rear 1080P 25FPS

Loop Recording: Off /1 /3 / 5 Minutes. This function allows you to set the recording video file length to 1/3/5 minutes to automatically overwrite the earliest file when the SD card's storage fills up. We recommend you turn on the loop recording function to prevent the memory card space runs full and stop recording. (3 minute setting by default).

WDR: Wide Dynamic Range: turn on to optimize video quality with wider light range and image details. Default is OFF.

Exposure: Exposure is used to manually control the light sensitivity settings.The default is 0.

G sensor: G-sensor will detect significant or sudden shock and movement then the camera will automatically lock current recording file.The detection sensitivity can be adjusted to OFF / Low / Middle /High.If set to "High", the camera will automatically lock the video even if the car goes over a speed bump. This will cause a lot of useless video to be locked. Recommended setting is "Middle ".

IR LED: Turn on or off the 4 IR LED lights next to the inside camera. If set to "Auto", the IR LED light will automatically turn on when the light dims.

Record Audio: Turn sound recording on or off.

Date Stamp: Enable/Disable the date and time marks in video files.

Parking Monitor: (Optional) With optional hard wire kit connected, the Parking Monitor is enabled,the camera will stay standby after the engine is turned off. When camera detects shaking, it will automatically turn on and take a short video, then return to standby automatically. (Must use the hard wire kit when using the Parking Monitor function.)

Date/Time: Set the time and date. Press the up or down keys to adjust the numbers, then press the [OK] button to confirm/change, and press the [M] button again to exit the time setting.

Screen Save: Timing can automatically turn off the display screen, so that the product can work under extremely low power consumption. Choose "1" Minutes" means that it will enter the power saving mode after 1 minute of power on, and turn off the display. Option: Off/1 minute/3 minutes/5 minutes

Beep Sound: Used to turn off or on the beep sound when a key is pressed.

Language: Set the language for the dash cam. (English,German, French,Spanish,Italian,etc.)

Frequency: 50Hz/60Hz, If the camera interferes with the radio, try changing the frequency.

Photo Mode

Short press the M button to take photo in video recording or locked recording.Press the OK Button to stop the dash cam from recording. (no red dot flashing on the screen)then long press the mode [M] button to enter the photo mode. In the photo mode, use the UP or Down button to scroll through the record photos,short press the M key to enter the menu to deleted or protect files.This mode is for manual operation only.

Playback Mode

This mode allows you to playback recorded video or view photos, and manage the recorded files.
1) Stop the video recording, long press the M button to enter Playback Mode, you can view all the files in this mode.
2) Use the UP and Down button to scroll through the recorded files / photos, and press OK to play or pause playing the selected file.
3) Press the M key to enter the file menu. You can delete or protect video files.
Delete: Delete the recorded files.
Protect: Use this option to Lock and Unlock files, locked files will not be overwritten by loop recording.
4) Long press M button to quit playback and return to standby mode.

Note: The name of the file is in the upper right corner of the screen.
1. The video ending with F is the video recorded by the front camera.
2. The video ending with B is the video recorded by the inside camera.
3. The video ending with R is the video recorded by the inside camera.

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12. WIFI Instructions

1. The WiFi App name is (LuckyCam), you can search for LuckyCam in the mobile browser and mobile application market, click to download and install.
2. Scan the QR code to download LuckyCam.

IOS & Android

1. First, select WiFi on the second item in the menu(Picture 1)

Picture 1

2. When you open WiFi, the WiFi account and password will appear. At this time, we open our mobile phone settings and click WiFi to query the corresponding Dash cam account and password.
3. Note that the WiFi account will change for each machine (CARDV******) and the password will remain the same(12345678).
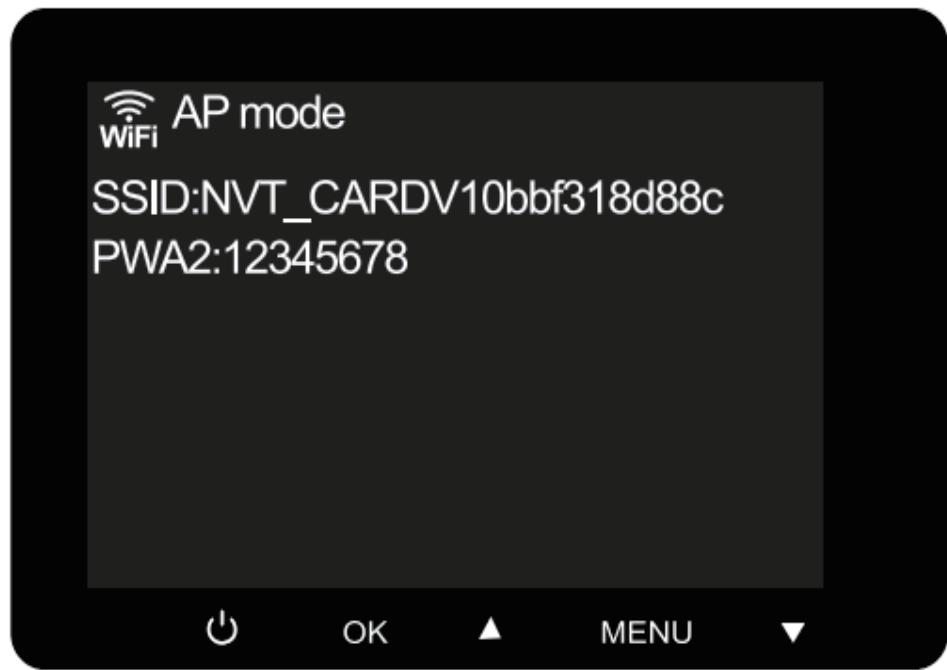
4. Successfully connected to WIFI. Long press UP button more than 3 seconds tp exit the WIFI, press OK and the camera will start recording again.

5. After the connection is successful, click to enter the LuckyCam APP to control the Dash cam on the mobile phone

16:45	QHD+FHD ◼ 01:23:21
● 00:00:55	
◼	
Video　　　Folder　　　Setting	
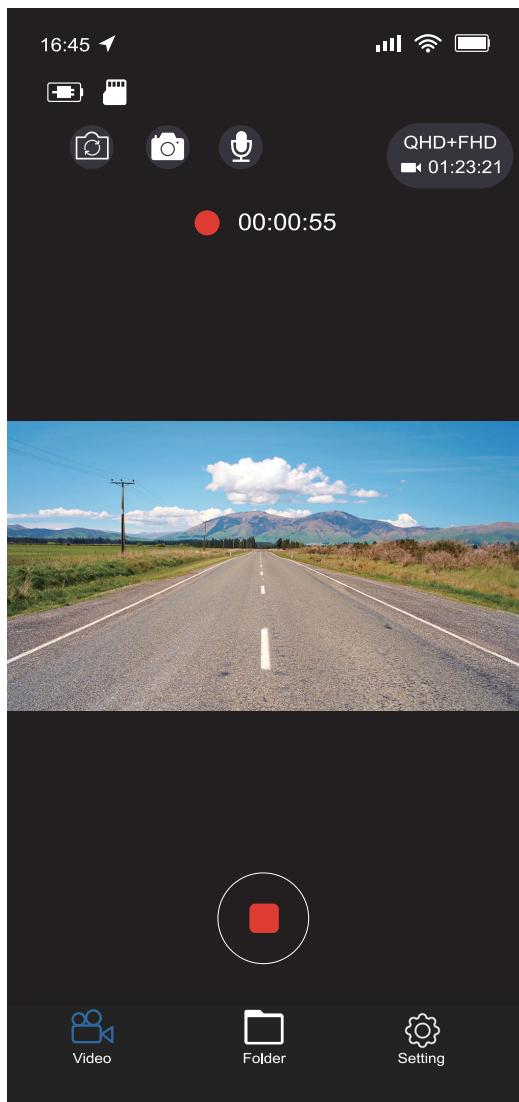
Check the picture

Switch the camera

Microphone switch

Video resolution selection

Turn on/ Turn off the recording

Record video and photo files

Setting

Download: Click " ⊕ " to download the video or photo to the phone.

6.External GPS Mount(Optional)

The product you have purchased is compatible
with GPS track
function, you can trace the exact GPS location in your video.
1. Please connect the GPS bracket to the
corresponding fuselage
interface and then connect the power supply to see the GPS
 logo
appear.
2. Ordinary video players cannot display GPS
logs. To look the GPS
log, you will need to play the video file with
customized HIT GPS
player, enter the following website to g

For Windows
https://pcgps.ce2ce.com/hit/hitplayer.html
For Mac
https://apps.apple.com/us/app/hit-gps-player/
id1527858255

Timezone Setting: Set the correct time zone.
Format: Completely delete all files in the
storage card
Default Setting: Return menu setting Defaults.

Version: The firmware version of the dash cam

13.Problem and Answers

1.Can't get to the menu?
When the camera is recording video, the menu button does not work. A flashing red dot on the screen means the camera is recording video. Please press OK to pause recording, then press M to enter the menu.

2.The dash cam will stop automatically when recording.
Solution:
1) Check whether the memory is full.
2) Check whether the loop recording function of the dash cam is working.
3) Check whether the Micro SD card is high-speed above U3.
4) Playback the recorded video on dash cam to check whether there might be to many locked videos, which cause the SD card space run out and stop looping recording. If yes, please format the SD card.

3.If the video played on the computer is somehow jammed or not fluent. There might be the problem with the memory card speed.
Solution:
1) Format your Micro SD card in the camera.
2) Change a U3 or above high-speed Card.

4.There are stripes interference in the video. Or radio is disturbed.

Solution: There should be wrong light frequency. According to the local main frequency, make the appropriate settings 50HZ or 60HZ.

5.Suction mount cannot attach on windshield well?

Solution:

1) Please clean the windscreen where attaching with a glass cleaning wipe. Removed the protective film, If it does not work, warming your windscreen then try it again.

2) Please soak suction mount to warm water for a moment.
3) If it is still not working, we are glad to send a new suction mount to you, please contact us to get a replacement.

6.Without external power supply, the camera will not power on, or the camera will power off immediately after the external power supply is disconnected.

Solution:

This is normal. This dash cam needs a 5V 2A external power supply to be power on. The camera will not power on without external power supply. Because the power source of this dash cam is a safer lighter super capacitor instead of lithium battery, which is only used to save the last video after power cut.

7.The camera keeps turning on and off repeatedly.

Solution:

1) Please check if the charging cable is well connected.

2) Please insert a paper clip into the "R" hole on the side of the camera for 3 seconds, then release. The camera will restart automatically.

3) Please format the memory card in the menu.

4) Please check if the camera is back to normal.

8.How does the recorder work after it crashes?

Solution:

If the machine crashes for some reason during use, please insert a paper clip into the "R" hole on the side of the camera for 3 seconds, then release. The camera will restart automatically.

FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.