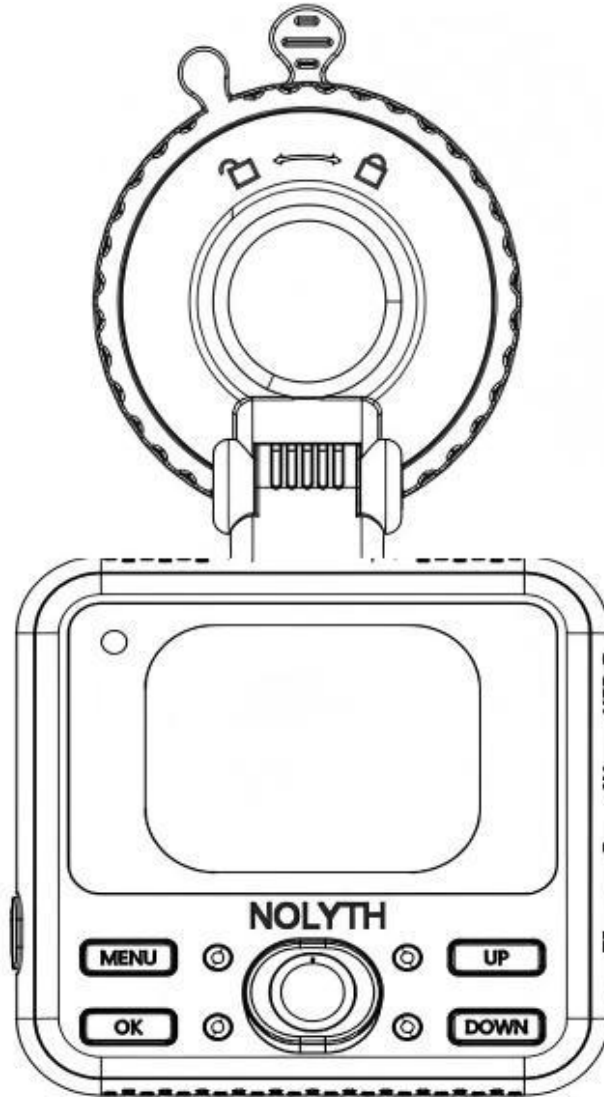


Dash Cam

User Manual



Note: Please read the instruction manual carefully before using the product. It contains important information. Keep it in a safe place for future reference.

Customer Service Email: confolytech@outlook.com

Table of Contents:

(Note: page numbers are indicated according to formatting conventions.)

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6. About the mobile app
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8. Product Specifications
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1. Notice to users:

Dear valued customer,

Thank you for choosing our premium wireless Wi-Fi dash cam. This smart, high-tech device, which has been developed for smartphone platforms, is designed to enhance safety in all types of vehicles.

Important notes:

Before using the dash cam, please format the TF card directly in the device.

- (1) This dash cam is intended for in-vehicle use only.
- (2) Do not operate the device or use the driver assistance control app while driving.
- (3) Avoid using or storing this product in extreme temperatures.
- (4) Do not use this product in environments with strong magnetic fields or intense vibrations.
- (5) Only use the official power cable provided. Non-standard cables may cause unforeseen issues.

Disclaimer:

Users are advised to read and understand the terms of this statement carefully before using this system. By using this system, you are deemed to have accepted the terms of this statement and will be held responsible for any consequences arising from improper use.

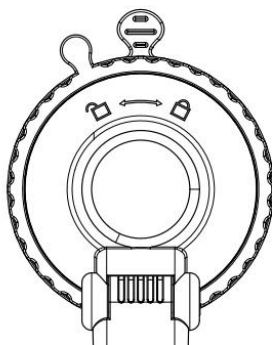
- (1) This product is a driving assistance device. Over reliance on this system may cause traffic accidents.
- (2) Due to the wide camera angle, the image displayed by this product may differ from the actual environment. Use with caution.
- (3) Do not operate this system while driving at high speeds, as this could lead to distractions and accidents.
- (4) Never replace any product components without professional guidance, as this may damage the device.
- (5) Do not expose this product to wet environments or submerge it in water, as this could cause electric shock, damage the product, or create a fire hazard.
- (6) The main unit outputs 5V voltage. Do not connect external power sources to this unit.
- (7) Video recordings may be damaged or lost if the device is subjected to impact during operation.

2. Product introduction

1) Packaging accessories:



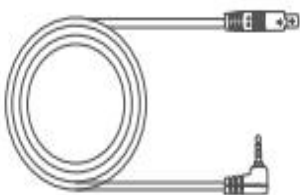
Dash Cam * 1



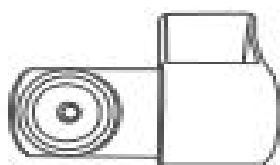
Suction Cup Mount * 1



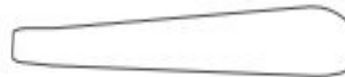
Car Charger Cable * 1



Rear Cable * 1

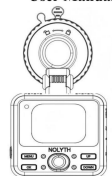


Rear Camera * 1



Prying Tool * 1

Dash Cam User Manual

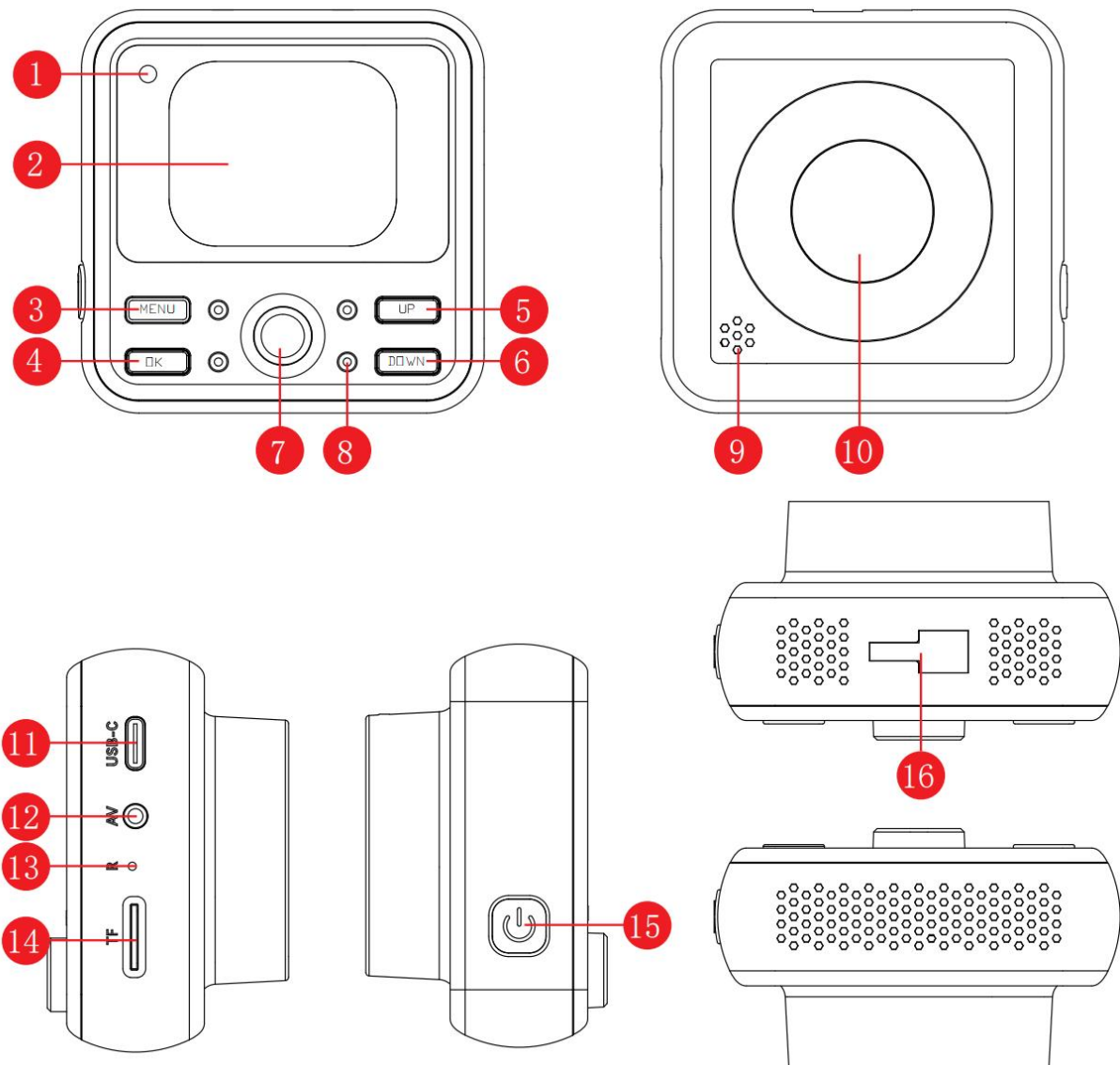


Note: Please read the instruction manual carefully before using the product. It contains important information. Keep it in a safe place for future reference.

Customer Service Email: confoltech@outlook.com

User Manual * 1

2) Dash cam introduction: (e.g. 1.2.3...16 Horizontal lines indicate corresponding positions.)



1	LED Indicator
2	Display Screen
3	MENU Button: During recording: Quickly toggle the recording on or off During pause: Access the menu settings
4	OK Button: Recording mode: Start or pause recording Menu mode: Confirm selection
5	UP Key: Recording mode: Switch between front and rear camera views Menu mode: Select upwards
6	DOWN Button: Recording mode: Lock the recording function Menu Mode: Scroll down
7	Inside Camera
8	Camera IR Indicator
9	External Speaker

10	Front Camera
11	Type-C Power Port
12	Rear Camera AV Port
13	Reset Button
14	TF Card Slot
15	Power Button
16	Suction Cup Mount Connector

The dash cam system is primarily used in cars, SUVs, minivans, pickups and trucks.



Installation instructions:

For the best possible view, this dash cam should be installed close to the rear-view mirror.

Ensure that the lens is within the range of the windscreen wipers to guarantee an unobstructed view, even in rainy conditions. Do not touch the lens with your fingers, as grease from your skin may remain on the lens and cause the video or photographs to be unclear. Please clean the lens regularly.

Caution:

- ▲ Do not disassemble the machine yourself to avoid invalidating the warranty.
- ▲ Please find a professional to modify the power line.
- ▲ Please do not operate this product while driving to avoid distraction and ensure a safe drive.
- ▲ Due to technological developments, we may make changes or upgrades to the software or hardware. This may result in inconsistencies with the manual. We will no longer issue a change notice; please refer to the actual product. We apologise for any inconvenience caused.
- ▲ If there are any missing or damaged items, please contact our customer support team immediately.

3. Pre-Installation Preparation

1) Inserting the TF card:

Insert the SD card: Align it with the TF card icon and insert it correctly into the host's slot.

Remove the SD card: Gently push the card forward and the slot will eject it automatically.

(Note: After inserting a new TF card, the device will prompt you to format it upon startup. Select 'Yes' to format the TF card as instructed.)

2) Connecting the power supply:

A: Before installation:

Select a suitable position on the windscreen for mounting the camera, ensuring that it does not obstruct the driver's view. Clean the glass surface at the mounting location. The front camera captures the road ahead, with the bottom edge of the captured image aligned parallel to the front bumper.

B: Preparing the vehicle:

Park the vehicle in a safe location. Turn off the ignition switch before beginning installation.

4. Installation Guide

1) Dash cam installation

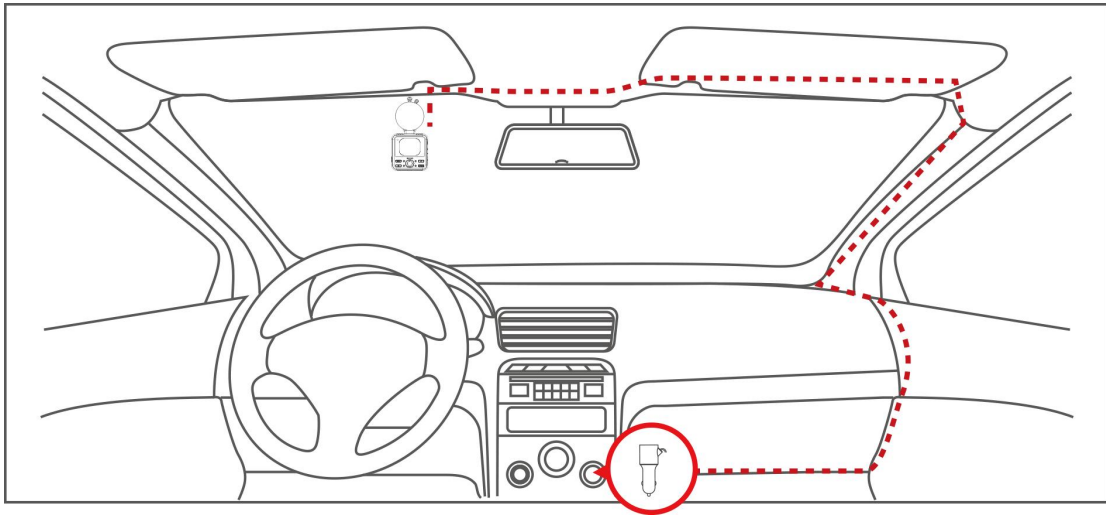
Using one of the included accessories, insert the suction cup mount into the port on top of the main unit and secure the dash cam to the mount. Clean the installation location on the windscreen with a clean cloth. Place the suction cup over the chosen spot and press it firmly against the glass. Twist the suction cup until you hear it click into place, indicating that it has rotated to the locked position and completing the installation.

2) Cable routing:

Route the power cable and camera into the interior of the vehicle. Use a prying tool to lift the edge of the top trim strip/trim piece on the windscreen. Then, conceal the power cable along the edge of the vehicle's A-pillar and secure it with cable clips where necessary.

3) Connect the car charger to the power source

Plug the car charger into the vehicle's cigarette lighter socket. Then, connect the other end of the power cable (the Type-C male connector) to the Type-C port on the main unit.



NOTE: The car charger extension cable can be hidden when wiring and installed along the top decorative panel of the windscreen, as shown in the above figure.

4) ACC power connection (optional: consult your local sales representative for details).

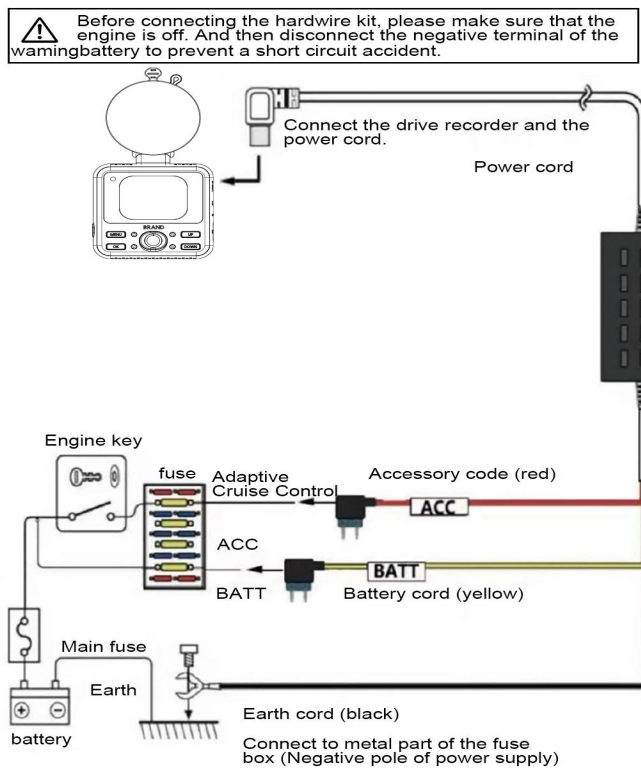
Connect the 12V to 5V ACC step-down cable to the vehicle's fuse box. Refer to the diagram below for wiring specifications:

Yellow wire: battery positive terminal (+).

Black wire: Ground negative terminal (-).

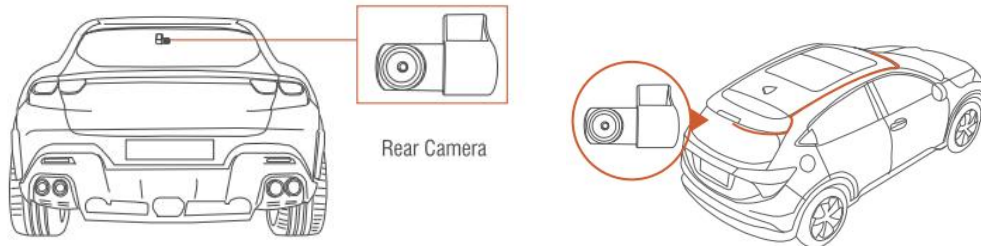
Red wire: Accessory power (ACC).

Wire Connection



5) Rear camera installation:

1. Remove the rear camera wiring harness. Plug the AV connector into the port on the host unit and switch the host on. Check that the rear camera feed appears on the display.
2. Securely mount the rear camera to the rear windscreen using 3M adhesive tape. Peel off the protective film from the lens.

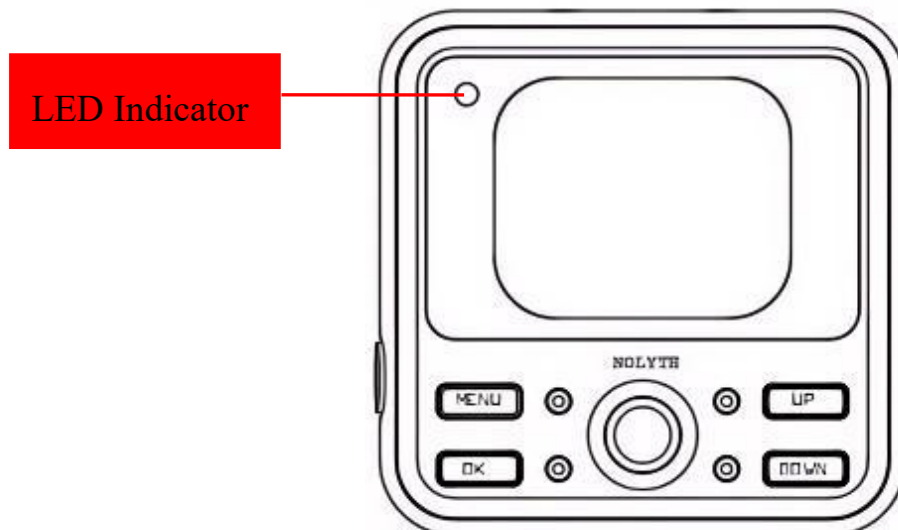


- 6) Start the engine to check whether the dash cam is powered on and recording.

5. Basic Operation

1) Power on:

This dash cam features automatic recording. When you start the engine of your vehicle, the device will power on automatically and begin recording. During normal recording, the blue indicator light will flash continuously, and segmented video files will be saved automatically to the SD memory card.



Video recording modes:

- ① Normal recording mode: The blue LED flashes alternately.
- ② Non-recording mode: The red LED remains steadily lit.

2) Formatting the micro-SD card

- ① To ensure compatibility between the card and the dash cam, format the card on the device. This dash cam supports TF cards of up to 256 GB with a minimum speed class of 10 or higher.
- ② Insert the TF card into the dash cam. While recording is paused, access the menu and select the 'Format' option.

Note:

- (1) All data will be erased after successful formatting. Remember to back up any important data on another device beforehand.
- (2) Regular formatting effectively prevents data loss. For normal usage, we recommend formatting the TF card monthly.
- (3) Each time you insert the TF card into the camera, format it to ensure compatibility.

3) Loop Recording

This feature allows the dash cam to record continuously. When the memory card is full, the device automatically deletes the oldest files to ensure that recording continues without interruption. When you turn off the vehicle's ignition, the dash cam stops recording and saves the video to the memory card automatically.

4) G-sensor

In the settings menu, enable the G-sensor. When gravity detection is activated, if the camera triggers the sensor due to physical impact or gravitational shock, the device will immediately switch to emergency recording mode. These video files will be marked as emergency files, which prevents them from being automatically deleted by the loop recording function.

6. Downloading and using the app:

- 1) This dash cam supports the WLAN Direct Protocol, which enables wireless data transfer via WLAN without the need for a router. Using this protocol, you can control the dash cam wirelessly with your smartphone to preview and download images and video files without using mobile data. Scan the QR code below to

download the '**BOBO CAM**' app from the Google Play Store or Apple App Store. When using the Wi-Fi feature, ensure the dash cam is connected to a power source. Otherwise, the dash cam's Wi-Fi connection may disconnect.

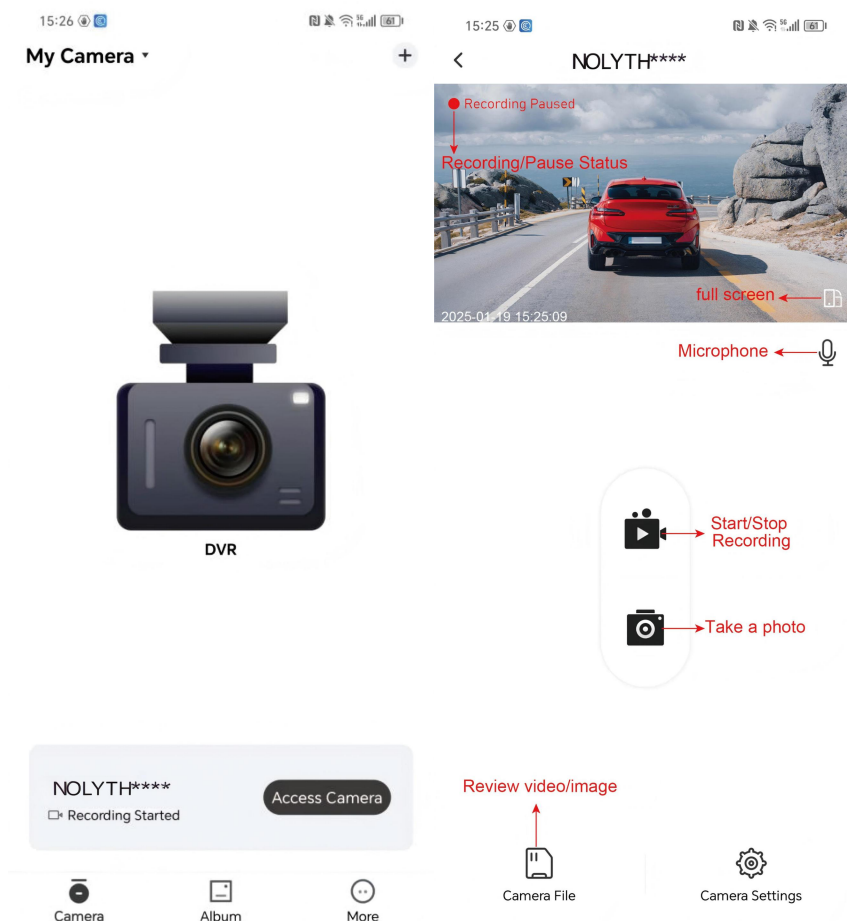


2) Follow the instructions to download and install the app. (Note: select 'Yes' to all prompts throughout the installation process until it is successfully completed.)

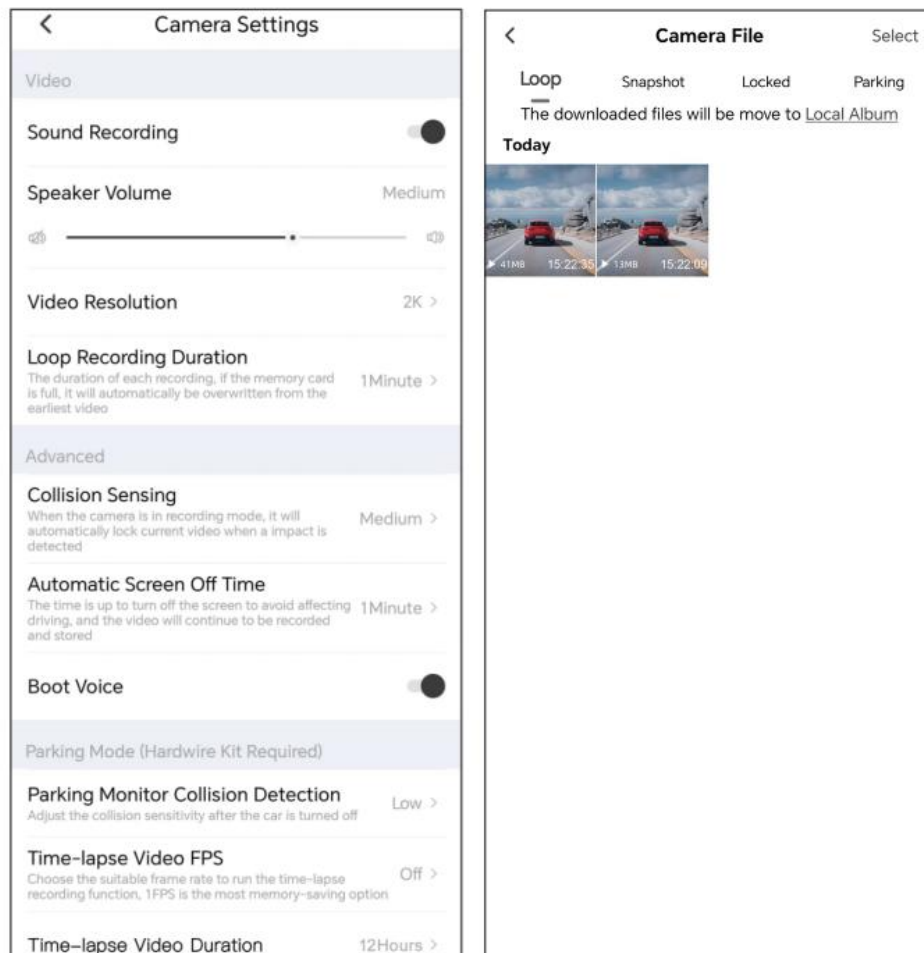
① Connecting your phone

Ensure the dash cam is powered on and connected to a power source. Verify the Wi-Fi name on your phone matches the dash cam's Wi-Fi name exactly. **SSID: NOLYTH****. Enter the default password: 12345678.** Your phone will automatically connect. Open the “bobo cam” app, add and connect the dash cam, and the app will display the dash cam's live feed.

Warning: Do not attempt to operate this device while the vehicle is in motion. Operate this device only when the vehicle is completely stopped.



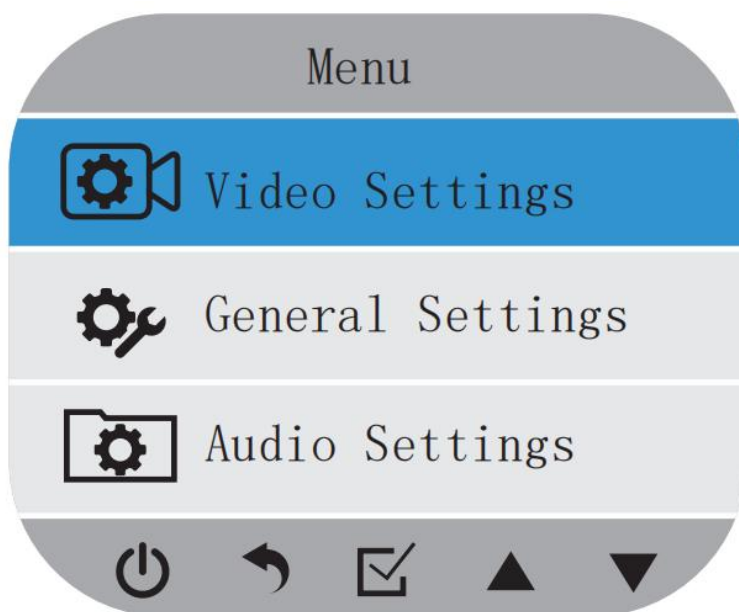
② To access the settings interface, where you can configure features such as audio recording, video resolution, loop recording duration, collision detection and formatting, press the camera settings icon. Press the '**Camera Files**' icon to access the playback interface. Tap the '**Loop**' icon to view regular videos, the '**Snapshot**' icon to view images, or the '**Lock**' icon to view emergency files triggered by a collision. You can also press the download icon to save video files. These videos will then be available in the '**Local Album**' menu, under the '**My Dash cam**' section of the app.



Warning: Never install or adjust the camera while the vehicle is in motion. Please ensure that your vehicle is parked in a safe location before carrying out any operations. Please note that videos played on smartphones are compressed. To achieve the best possible image quality, download the video files or insert the SD card into a computer for viewing. The app's preview resolution is compressed; the actual resolution depends on the device's display resolution.

7.1 Menu Settings

① While the dash cam is paused, press the 'M' key to access the settings menu. This includes the 'Video Settings', 'General Settings' and 'Audio Settings' options.



Video settings:

***Resolution:** Default settings: 4K+FHD+FHD. You can choose between 4K+FHD+FHD and 2K+FHD+FHD.

***Loop Recording:** Default: 1 minute. You can choose to record for 1, 3 or 5 minutes to specify the video retention period on the SD card.

***G-Sensor:** Default setting: Medium. You can adjust the sensitivity of the gravity sensor by selecting Off, Low, Medium or High. Higher sensitivity levels trigger emergency video recording more easily. When the G-Sensor is set to 'High', sensitivity is maximised.

*** Motion Detection:** The default setting is "OFF". You can enable this feature. When the front camera detects motion, the dash cam will automatically start recording.

Note:

1. Motion detection only functions when the camera is switched on. Once the camera is turned off, it will cease to operate.
2. You cannot enable motion detection and time-lapse photography simultaneously. Activating one feature will automatically disable the other.

***Parking monitoring:** The default setting is OFF.

Note: Parking monitoring mode only activates when the dashcam is connected to the ACC power cable.

* **Time-lapse photography:** The default setting is '**OFF**'. You can select 1, 3 or 5 seconds.

Note: Only time-lapse photography or motion detection can be enabled at a time; the other will automatically deactivate.

***Exposure:** The default setting is '**0**'.

***Light source frequency:** The default setting is '**60 Hz**'.

***Night Vision:** The default setting is '**Auto**'.

General settings:

***Screen saver: Default: 30 seconds.** Options: Off, 30 seconds, 1 minute, 3 minutes, 5 minutes.

***Digital clock: Default: On.** Options: On/Off

* **Date and time:** Set the current date and time manually.

* **Daylight saving time: Default: Off.** Options: On/Off

***Speed Unit:** The default is MPH; options: KM/H or MPH

***Licence plate watermark: Default is Off.** Options: Off/On. Select numbers or letters to configure. Once set, your licence plate number will be displayed in recorded videos.

* **Date stamp: Default is On.** Options: On/Off. The date and time will be displayed in videos.

***Language: Default language: English.**

***WIFI: The default setting is enabled.** Connect your phone to the Wi-Fi network. Refer to the device menu display for the specific Wi-Fi SSID and password. In your phone's settings, select the corresponding wireless LAN connection.

***Format SD card:** Formatting will erase all data on the SD card.

***Restore factory settings:** Restoring factory settings will delete all previous

parameter settings.

***Device Information:** Displays the firmware version number.

Audio settings:

***Keypress Sounds:** The default is 'On', and it can be selected as 'On/Off'.

*** Startup Sound:** The default is 'On', selectable between 'On/Off'.

*** Recording:** The default is 'On', selectable between 'On/Off'.

***Video Volume:** The default is 'Medium', selectable between 'High', 'Medium' and 'Low'.

7.2 Parking monitoring:

Parking monitoring is a vital dash cam feature, offering security surveillance when the vehicle is stationary. **Important notes: To activate parking monitoring mode, an ACC-12V power cable (sold separately) must be used to supply power.** Then, in the dash cam's settings menu, select 'On' for parking monitoring. Once the engine has been turned off, the dash cam will automatically enter parking mode. Video recording is triggered by the sensitivity of the G-Sensor gravity sensor.

Note:

1. In extremely hot environments, we recommend disabling parking monitoring. Turn off the dash cam when the vehicle's interior temperature reaches 60°C (140°F) to prevent overheating and potential malfunction.
2. All parking monitoring recordings are saved in the regular video folder. To prevent data loss, check these files regularly to avoid them being overwritten by loop recording.

8. Product Specifications

Hardware Specifications:	
Image Sensor:	High-definition professional CMOS image sensor
Display:	2-inch IPS HD display
Video Format:	MP4 format

External Speaker:	Supported
Operating Voltage:	DC 5V
Memory:	TF card with support for high-speed cards of up to 256GB.
Operating Temperature (°C):	(-10°C-55°C)
Features:	
Language Support:	Multi-language
Loop Recording:	Supported
Front and Rear Recording:	Supported
G-Sensor:	Supported
Audio recording:	Supported

9. Troubleshooting Guide:

Frequently Asked Questions:

Q1: What should I do if I forget the dash cam's Wi-Fi password?

A: The factory default password is 12345678. If you have changed it and forgotten the password, please contact the manufacturer's after-sales service to reprogram the software and restore the factory settings.

Q2: Why should I format the memory card? How often should I format it?

A: Regular formatting effectively prevents data loss. Under normal usage, we recommend formatting the TF card monthly. Always back up all data before formatting.

Q3: How do I format the memory card?

A: In the device's settings menu, select the 'Format' option, click 'Format', and confirm completion. Alternatively, connect the recorder to the mobile app, navigate

to Settings > Format and click the Format button.

Important notice:

To avoid disputes over video/image evidence captured by the dash cam, ensure that the date and time on the device are synchronised and calibrated correctly. Keep the vehicle's windscreen and the camera lens clean and free from obstructions that could impair the quality of the video.

Troubleshooting:

If there is a problem with the product under normal operating conditions, please try the following methods to solve it:

▲ Cannot take pictures and videos:

Check that there is enough space on the SD card and that it is not locked.

▲ Auto stop of video recording or no looping of video recording when recording a video:

This may be due to the huge amount of high-definition video data, meaning the memory card's read and write speed cannot keep up. Please use a high-speed SD card, such as a C10 card.

▲ 'File error' prompt when replaying pictures and videos:

This error occurs when data is stored on the SD card and causes the image file to be incomplete. Please use the 'Format' function on the camera to reformat the SD card.

▲ Crash:

After crashing, short-press the reset button to restart.

Remarks: If the product crashes due to incorrect use, you can either unplug the car charger or press the reset button to turn it on again, after which it will return to normal.

Warm tips: Please do not operate the dash cam while driving. Have a safe journey!

▲ Failure to power on:

Check that the wiring is installed correctly and try removing the memory card and restarting the device.

▲ If the recorded footage is unclear:

Check for dirt or fingerprints on the lens. Clean the lens surface regularly to keep it clean and tidy.

▲ The shot films have unstable effects:

The shooting effect depends greatly on the lighting conditions, for example, backlighting, front lighting and light intensity will affect the quality of the shot video.

▲ **There are streaks in the image.**

This is caused by selecting the incorrect "**source frequency**" when using fluorescent lamps; the default frequency is "**60 Hz**".

Warranty:

A **60-day** money-back guarantee for any reason, plus a **one-year** warranty service.

If you experience any problems with your NOLYTH dash cam, we will work hard to resolve the issue. Please feel free to contact us at [**confolytech@outlook.com**](mailto:confolytech@outlook.com).

Please provide your Amazon order number and the brand/name of the product in the email. We will usually reply within 24 hours. If the device is defective, we will arrange a free replacement immediately!

Thank you for trusting us. Please give us some time to help you.

Currently, all our mirror dash cams are fulfilled by Amazon. If you are not satisfied with your purchase, please contact Amazon Customer Service within 30 days to arrange a refund.

If you are happy with your purchase, please email us at [**confolytech@outlook.com**](mailto:confolytech@outlook.com) to receive an additional one-year warranty free of charge.

FCC Requirement

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

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.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.