

User Manual for 3/4 Channel Vehicle Recorder

Applicable product ID: 1005008121528084; 1005008122563945

To users:

Dear customer:

Thank you for choosing our premium dash cam. Featuring a mainstream high-end chip as the main control codec, this product delivers truly HD-quality dash cam footage.

The product design fully considers the structural characteristics of the vehicle, featuring a compact and aesthetically pleasing shape. It supports compatibility with specific models and enables concealed installation. Users can easily complete self-installation and configuration.

This dashcam features a high-performance low-light HD image sensor and a unique mounting design, compatible with various vehicle models to deliver convenience, safety, and a dynamic driving experience. It captures

Supports up to 30 fps HD video recording with optional audio recording to capture dynamic scenes.

With auto-overwrite and loop recording features, it eliminates storage card capacity concerns. Supports video clip playback and is compatible with external storage cards (TF cards) up to 128GB.

This multifunctional technological innovation product is primarily designed for in-vehicle dashcam recording, serving as an effective tool to enhance road safety and accident evidence collection.

Before using this product, please read this user manual carefully and keep it properly. We hope this product meets your needs and serves you well for a long time!



I. power suppl

We do not recommend using your own power cord or cable. If the camera display is abnormal or the rearview camera fails to show, replace it with a compatible one.

Specifications: DC 5V/2.5A.

The dashcam requires our power supply for stable operation. We provide two power solutions for your selection:

1. Lighter power adapter (sold separately)

Advantages: Easy to install, simply plug it into the car cigarette lighter socket.

Limitations: When the vehicle is turned off, the dashcam loses power and the parking monitoring function becomes unavailable.

2. Fuse box power supply (hard-wired connection kit, default configuration)

Advantages: Supports continuous recording after engine shutdown for round-the-clock monitoring. Built-in dedicated chip automatically cuts power when the vehicle battery voltage is too low, effectively protecting the battery.

Limitation: Requires manual installation and wiring to the vehicle fuse box.



Lighter power supply



Fuse box power supply

II. install

1. Installation Guide for Host and Power Supply

A. Installation location of the dashcam unit

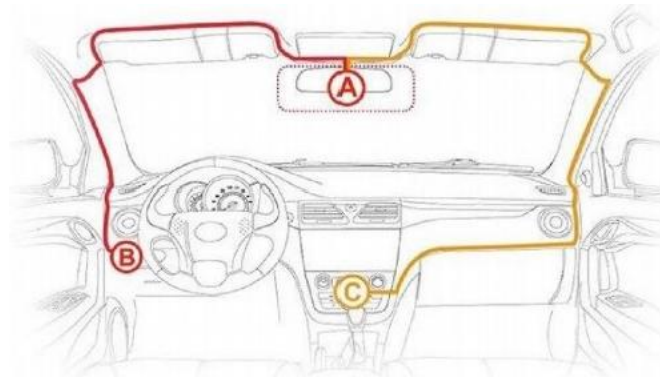
As shown in the diagram, the recommended installation area involves routing the connecting cable along the front windshield to the roof, then connecting it to the fuse box via the A-pillar.

B. Power supply for the insurance box

A dedicated intelligent voltage reduction circuit must be installed to ensure uninterrupted power supply for 24-hour parking monitoring, with an automatic low-voltage power-off protection to prevent battery depletion.

C.The lighter is powered by electricity.

Using the same method, a hidden line is concealed on the same path on the passenger side, and the central control The lighter is powered by the passenger storage compartment.



kindly reminder :

The fuse box may be located differently depending on the vehicle model. Refer to the vehicle manual for the exact location.

2. Rearview camera installation

(1) Mount the rearview camera on the upper inner side of the windshield.



(2) Mount the rearview camera at the rear of the vehicle, positioned above the license plate light.



3. Specifications of the rear camera cable



4. Installation of fuse box power supply

As shown in the figure below:

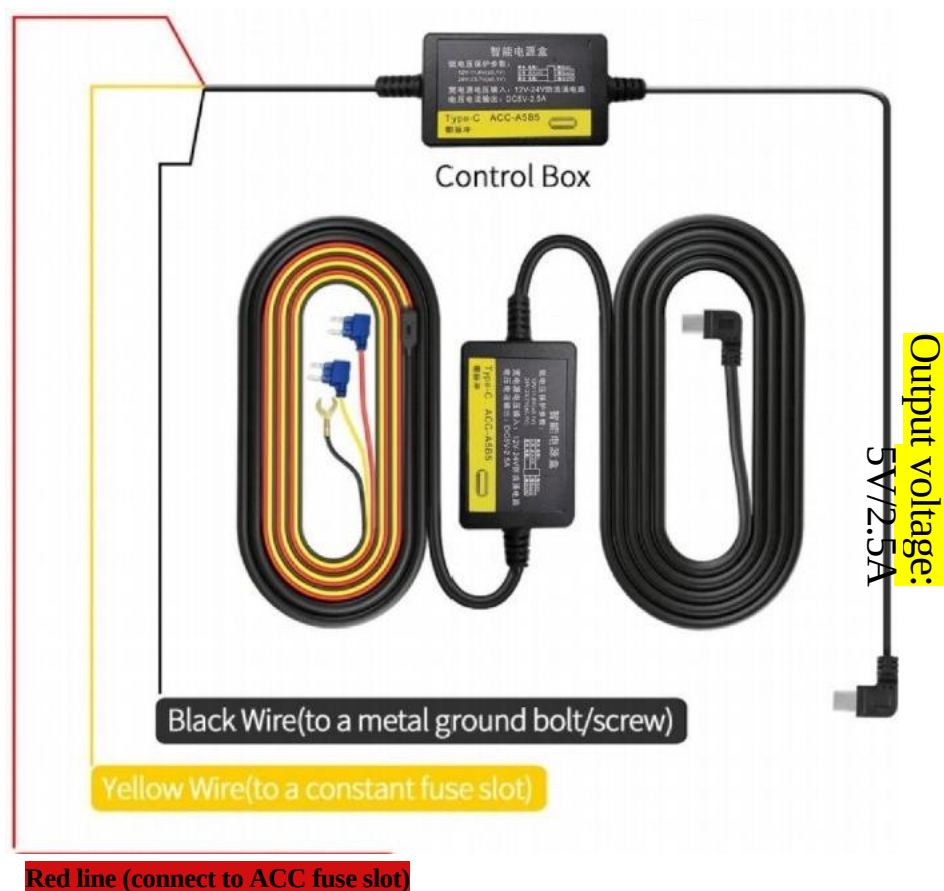
Connect the yellow power cord to the 12V power supply.

Connect the red ACC ignition control line.

Connect the black wire to the ground terminal.

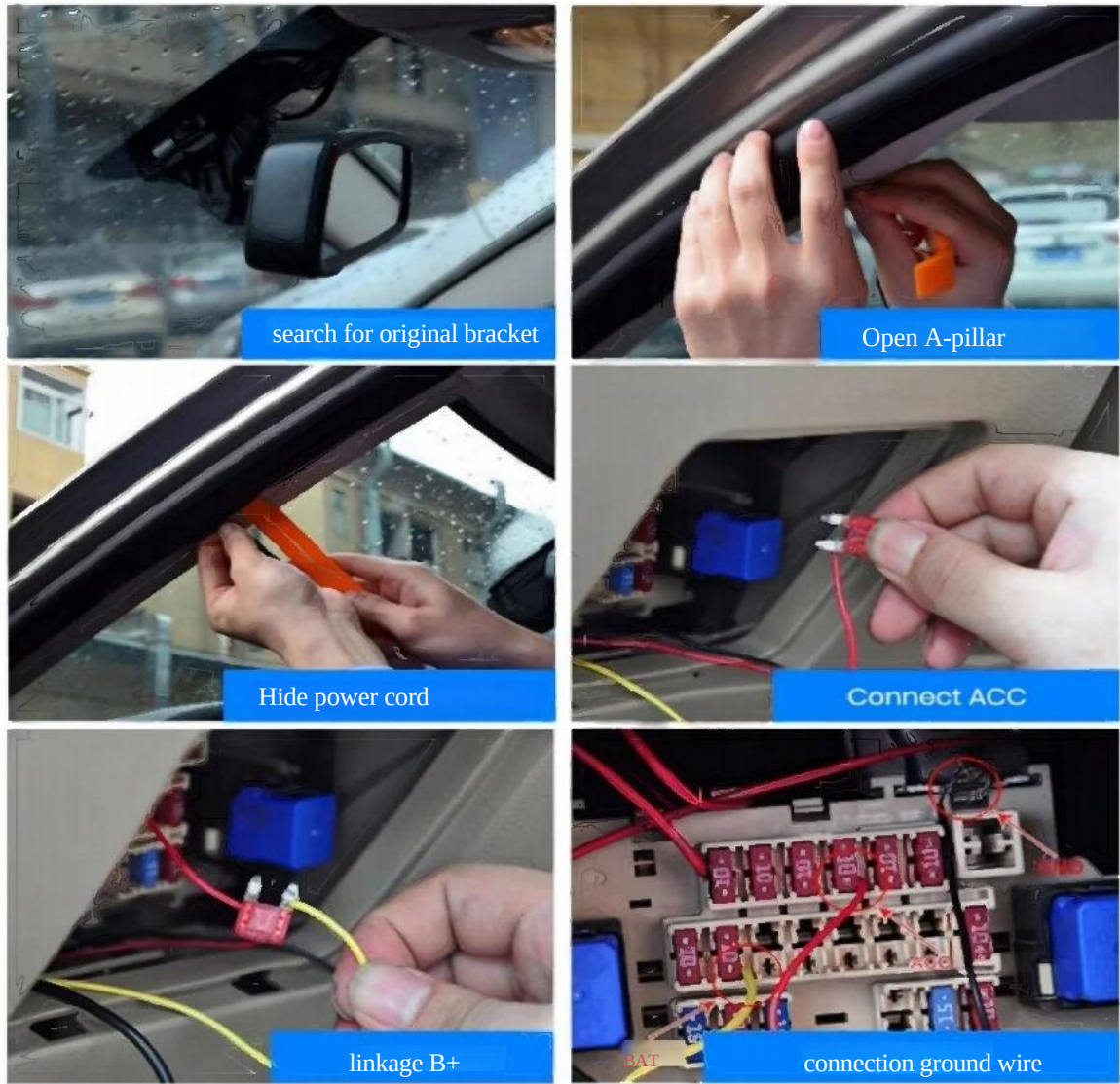
Start the engine. When the blue indicator light turns on and starts blinking, the device will power on and enter automatic recording mode.

Input voltage: DC12V~24V



Important Notes:

Due to model differences, installation by a professional is strongly recommended. This manual is for reference only.
This is for your reference only .



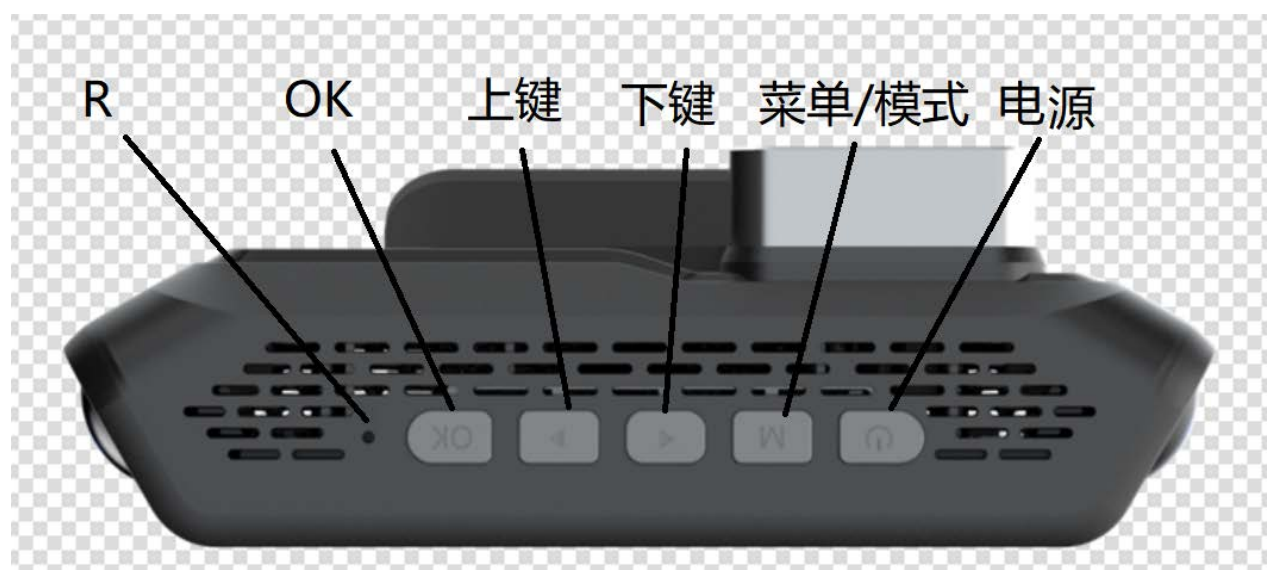
5. Insert the Micro SD card properly into the dashcam's card slot.

The dashcam has no built-in storage. To record properly, insert the Micro SD card (TF card) into the dashcam's slot.

【 pay attention to 】

- (1) Use a high-speed Micro SD card with at least 32GB capacity, supporting up to 256GB.
- (2) If your Micro SD card shows compatibility issues (such as repeated formatting prompts or 'card not recognized' errors), try reinserting it or switching to a higher-quality Micro SD card.
- (3) To ensure stable multi-channel video recording with dashcams, use SD cards of at least V30 grade or higher. For 4K recording, use high-speed SD cards of V90 grade or higher (SanDisk or Samsung SD cards are recommended). If the storage card's write speed cannot meet 4K or 1080P video requirements, the device will automatically downgrade to 1080P or 720P recording.
- (4) Insert the Micro SD card in the correct direction. Inserting it in reverse may damage the device or memory card.
- (5) After inserting the Micro SD card, it will become the default storage space. Data previously stored on the Micro SD card may not be accessible.
- (6) For optimal performance, we recommend formatting your Micro SD card once a month.**

III. Button Operation/Indication Light



1. Button functions

Reset

A reset hole for restarting the device when it crashes.

(2) Confirmation key

Feature 1: Long press (hold for 2 seconds)

·Cycle switching mode: Switch between the following modes:

Recording mode

Photo Mode

Playback mode

Feature 2: Short press (hold for 1 second)

·Recording mode:

Short press: Start/Stop recording

·In camera mode:

Short press: Take a photo

·Playback mode:

Short press: Play/pause video

(3) Up button

Function 1: Short press (Menu/Play Mode)

·Scroll up: Navigate up in the following modes:

System Menu

Video playlist

Photo Gallery

Feature 2: Short press (real-time recording preview)

·WiFi switch :

Press once to turn WiFi on/off

(4) Mode/Menu Button

Feature 1: Mode Switch

In standby mode, press and hold to switch between recording, taking photos, and playback. Feature 2:

Menu

Long press 2 seconds in standby mode to enter the main menu settings.

(5) Down button

Function 1: Short press (Menu/Play Mode)

Scroll down: Navigate through the following menu:

System Menu

Video playlist

Photo Gallery

Feature 2: Short press (real-time recording preview)

·Switch camera view: Cycle display:

Front camera

Left camera

Right camera

Rear camera (if available)

(6) Power button

Function 1: Power On/Off

Long press the power button for 3 seconds to turn on the device. Long press the power button for 3 seconds to turn off the device.

Feature 2: Screen Protector

When the device is on, a single press toggles the screen.

2. Indicator Light Description

Blue light flashing: The device is recording.

The blue light is on: Recording has stopped. The device is in standby mode.

The blue light flashes rapidly: The device is updating the firmware.

IV.WiFi/App Download

1. First use:

When using a dashcam for the first time, scan the QR code below with your smartphone to download the app:



2. Enable WiFi hotspot:

Enable WiFi hotspot in the dashcam settings menu. The screen will display the hotspot name (SSID) and password.

Note: If you do not connect to a WiFi hotspot within 5 minutes, the system will automatically disable this feature.
On your smartphone, go to WiFi settings, locate the dashcam's WiFi hotspot, and connect using the default password 12345678.

3. Complete the settings:

After connecting, open the app. The dashcam time will sync with your smartphone's current time.
Format the Micro SD card with the application.

V. function declaration

1. Auto-record feature

• autostart function :

The dashcam automatically turns on when the vehicle starts, including:

The charging indicator light is on:

·Recording indicator light flashing

•Recording management:

The video is saved as a segmented file on the TF card

·Automatically overwrite old recordings when the storage card is full

·Segment duration settings (selectable from Settings-Loop Recording): 1 minute/2 minutes/3 minutes/5 minutes/Off

Important Notes:

a. When selecting 1/2/3/5 minutes:

Auto overwrite when TF is full

b. When selecting to turn off:

Save files for 5 minutes and stop

recording when the storage card is full

▲ Important Warning:

Do not insert or remove the TF card while the device is powered on, as this may damage the card or cause data loss.

2. Date and Time Settings

Setup steps:

1). Go to the settings menu:

Long press [M] to enter Settings.

Press [M] to enter system settings.

2). Navigate to date/time:

Highlight "Date and Time" with the up/down arrow keys

Press the [OK] key to enter adjustment mode.

3). Adjust values:

Use the up/down arrow keys to change the number.

Press the [Mode] key to switch between the following options:

Year → Month → Day

Time → Minute

4). Save and exit: Press [OK] to confirm.

Δ Important Notice:

·Set the correct time before first use to ensure the timestamp of accident evidence is valid

3. Voice commands (currently only supports Chinese commands)

Supported commands:

- Turn off screen
- Turn on the screen
- Open pre-record
- Start recording
- Enable recording
- Turn off recording

I want to take a photo

4. Rearview camera (reverse parking assist)

Ensure the power cord is properly connected to the dashcam, and the red wire of the rear camera is connected to the reversing light.

The dashcam will automatically start recording when powered on. In any mode, the rearview image will display automatically when the vehicle shifts into reverse. After reversing, the dashcam will automatically resume recording.

point out :

a.Lock video files starting with LOC, and regular recording files starting with MOV.

b. The G-sensor supports sensitivity adjustment (high, medium, low, off). Adjust as needed in the settings menu.

5. Exercise detection:

In motion detection mode, the dashcam starts recording when it detects movement. If no movement is detected within 30 seconds, recording stops.

To exit motion detection mode, simply turn off the motion detection feature.

6. Gravity Sensor Function

Collision detection and locking:

When a severe collision is detected:

- Automatically lock related video clips (duration matches current loop recording settings)

Protected files cannot be overwritten

Key details:

a.File naming rules:

Lock file: LOC_XXXX

Regular file: MOV_XXXX

b.Sensitivity adjustment:

Available settings: High/Medium/Low/Off

7. Parking monitoring mode (requires hardwired installation kit)

function declaration :

When activated during a power outage:

The G-sensor detects slight vehicle vibrations

- automatic performance :

- Auto boot
- Record a 30-second video clip
- auto shut off
- If impact is detected again after 1 minute: Repeat the cycle

file protection :

- All parking surveillance videos are automatically locked ()
- Prevent recording from being overwritten during recording

8. Delay recording function (requires a dedicated hardwired installation kit)

operator schema :

- 1). When the time-lapse photography function is turned off:
 - A). The device is in normal cyclic recording mode.
 - B). The device will shut down automatically when the following conditions are met:
 - The vehicle ignition switch is turned off (ACC power off)
 - The AC power cable is disconnected.
- 2). When time-lapse photography is enabled:
 - A). Normal recording during operation
 - B). Automatically switch to time-lapse mode when the following conditions are met:
 - When the AC ignition circuit is disconnected
 - C). Continue recording in loop mode with delay

Important Notes:

▲ Screen status description:

- A blank screen indicates power-saving mode (screen saver activated)

▲ No TF card inserted:

- No notifications will pop up
- Time-lapse mode cannot start

VI. Product Specification Table

product name	Four-channel dashcam
Product Features	HD camera, HD recording
camera lens	A+ grade ultra-wide-angle lens with high resolution
resolution ratio	4K/2K/1080P
image quality	12 million/10 million/8 million/5 million/3 million/2 million/1.3 million
file format	MOV
Video format	H.264
Photo format	JPEG
Auto power on/off	Supports automatic startup when the vehicle starts and automatic shutdown when the vehicle stops (optional motherboard feature)
Language Support	English / Traditional Chinese / Simplified Chinese / Japanese / French / German German / Korean () / Italiano / Portuguese / PyccKnu (etc.)
Record in loop	Record continuously without missing any seconds
dynamic detection	support
gravity sensing	three axis collision detection

Parking monitoring	support
time-lapse shooting	support
light frequency	50Hz/60Hz
Date/Time Stamp	support
Audio recording switch	support
memory card	Micro SD card, 8-128GB, V30/U3 or higher
audio frequency	Built-in microphone and speaker
WiFi	support
power input	5V/2.5A

Note: Any changes to specifications will be notified separately.

VII. Frequently Asked Questions (FAQ)

1. The rear camera has no display or the single camera displays abnormally

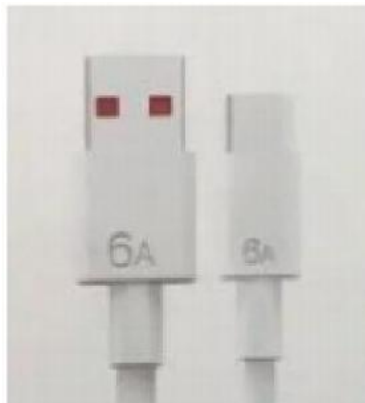
(1) Check the connections between the rear camera and the cable, as well as between the cable and the dashcam, to ensure they are securely fastened.



(2) Verify power supply compatibility. We recommend using the included power adapter to ensure stable performance. If you must use a third-party power supply, ensure it provides 5V voltage and a continuous output current exceeding 2.5A.



(3) Ensure your Type-C cable supports current transmission with a current rating above 2.5A (avoid using a 3-in-1 charger).



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.