

AURORA

Product User Manual



4K **ULTRA HD**



Before using this product, please be sure to read this user manual carefully.

Product appearance description.



① Display Scree

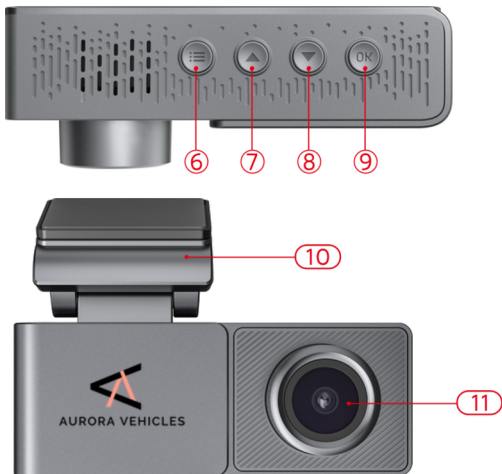
③ Type-C Power port

⑤ Rear camera interface

② Power button

④ TF card slot (supports up to 256GB)

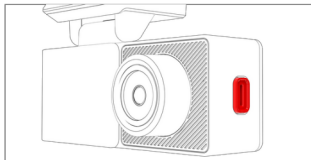
(Press and hold for 5 seconds to power on/off)



- ⑥ System settings ; Playback video ; Return
- ⑦ Turn on/off WIFI ; Switch camera view ; Select up
- ⑧ Adjust camera display ; Select down
- ⑨ Pause/start recording ; OK
- ⑩ Rotatable stand ⑪ Front camera

Friendly Reminder: A single button can perform multiple functions.
For detailed instructions, please refer to the next page.

Button Function Introduction



Power On / Off

Press and hold the power button for 3-5 seconds to power on or off.




System Settings

Click the “” Key to enter System Settings.


- Once in the System Settings:

System Settings		
Resolution	4K	>
Loop Recording	1MIN	>
Time-Lapse	OFF	>
Time-Lapse Time	24H	>

“” - Return


“” - Select Up

“” - Select Down







“” - Confirm





Video Playback

Press and hold the “” Key for 3-5 seconds to enter the Video Playback interface.

- Once in the Video Playback Interface:

File Management			
DIRECTORY	VIDEO	VIDEO_LOCK	PHOTO
FRONT	 20240901_233525_f.ts		
REAR	 20240901_233515_tlp_f.ts		
	 20240901_233514_f.ts		

“” - Return

“” - Select Up


“” - Select Down

“” - Confirm

How to select the desired file?







Example: Select the video file with the rear camera and lock it.

DIRECTORY
FRONT
REAR





Step 1: Press the “” key to move to the REAR position.


DIRECTORY
FRONT
REAR


After confirming the rear camera file, press the “” key to confirm and jump to the file type selection screen.





DIRECTORY	VIDEO	VIDEO_LOCK	PHOTO
FRONT	 20240901_233525_f.ts		
REAR	 20240901_233515_tlp_f.ts		

Step 2: Press the “” key to move to the VIDEO_LOCK position.

Then, press “” to jump to the recording file. Press “” or “” to select the corresponding video, and press “” to play/pause.

DIRECTORY	VIDEO	VIDEO_LOCK	PHOTO
FRONT	 20240901_233525_f.ts		
REAR	 20240901_233515_tlp_f.ts		

Video Lock or Delete: Select the file to be processed, press and hold the “” key for 3-5 seconds to bring up the lock/delete operation dialog box.

DIRECTORY	VIDEO	VIDEO_LOCK	PHOTO
FRONT	<div>Delete current file ></div>		 
REAR	<div>Lock current file ></div>		 




Switch camera.

Click “” key to switch the camera view: full-screen display or split-screen display.



Turn on / off WiFi

Press and hold the “” key for 3-5 seconds to turn on / off the WiFi function



Turn off WiFi



Turn on WiFi




Video recording

Click the “” key to enable or disable video recording sound.





screen viewing angle

Press and hold the “” key to adjust the camera view display area.



Recording & Confirm

In the recording interface, press the “” button to start or pause recording. In other interfaces, press the “” button to confirm your selection.

System Settings



System Settings

Click the “” Key to enter System Settings.

“” - Return “” - Select Up “” - Select Down “” - Confirm

System Settings




Resolution	4K >
Loop Recording	1MIN >
Time-Lapse	OFF >
Time-Lapse Time	24H >

Resolution: Video Specifications.

Loop recording: Individual video recording time, offering 1/3/5 minute options, the default setting is recommended.

Time-lapse : The vehicle will automatically enter time-lapse surveillance mode after it is turned off, capturing one photo per second and combining 30 photos into one second of video (this function requires a step-down cable).

Time-lapse Time : Time-lapse surveillance offers four options: “Off”, 12 hours, 24 hours, and 48 hours. If the 48-hour option is selected, the surveillance will stop after 48 hours of recording (if the vehicle is started within the 48-hour period, the recording time will reset and start from 0).

Record Audio	
G-Sensor	OFF >
Date Stamp	
GPS Stamp	

Recording audio: Turn on to record video with sound; turn off for silent video recording,

G-Sensor: Off/Low/Medium/High, four options. It is recommended to turn off normally; the higher the setting, the more sensitive it is. When the vehicle is shaken, it will trigger video lock, and locked videos can only be manually deleted, not automatically overwritten.

Date Stamp: The timestamp information embedded in the recorded video, displayed on the video footage, records the exact time of the vehicle's travel.

GPS Stamp: Displayed on the video footage, used to record and verify the vehicle's specific location and condition during travel.



Back mirror	OFF >
License	<input checked="" type="checkbox"/>

Back mirror: When the rear camera image is reversed, turn on the rear-view mirror image adjustment (Off/Preview Mirror).

License plate number: Set up to display the license plate number watermark on the video playback interface.

Screen Saver	OFF >
Key Voice	<input checked="" type="checkbox"/>
Speaker	Middle >
Boot Sound	<input type="checkbox"/>
Language	English >


Screen Saver: Off/10s/30s/60s. Off (screen always on), 10s/30s/60s (screen turns off after being on for 10/30/60 seconds).

Key Voice: Touch sound/on with sound/off without sound.

Speaker: Adjusts the volume of the streaming rearview mirror.

Boot Sound: On/Off, with a sound prompt when turning on; On/Off, without a sound prompt when turning on.

Language: Multiple languages.

Date/Time	>
GPS Test	
Time zone	ON >
Speed Calibration	>
Speed Setting	>
Speed Unit	>

Date/Time: Adjust the display and recording watermark time on the screen. If the time displayed is incorrect, please manually calibrate it.





GPS/Test: Displays the current number of satellites received, signal strength, longitude, latitude, speed, and other information. This helps users understand whether the device can receive a stable GPS signal.

Time zone: If the time zone is set incorrectly, the dash cam's time may differ from the actual time. In this case, you can enter the settings menu, check the time zone setting, and adjust it to the current time zone.

Speed Calibration: If the speed displayed on the dash cam is inaccurate, you can manually calibrate it by adjusting values between -6 and +6.

Speed Setting: Once the speed limit is set, the dashcam will alert the driver with a beep and voice prompt when the vehicle exceeds the speed limit, reminding the driver to pay attention to speeding.

Screen Unit: KM/H 、 MPH

WIFI- App	
5G_WIFI- App	
Format	ON 
Default	
Version	

WIFI App : Tap to turn on the device hotspot, and you can operate the dash cam through your mobile phone.

5G_WIFI_App : The 5GHz frequency band offers faster data transfer speeds compared to the 2.4GHz band, enabling quicker transmission of video streams or recorded files to devices like smartphones and tablets, resulting in lower latency and a smoother viewing experience. However, the 5GHz band has a smaller coverage range. For long-distance transmission, it is recommended to turn off the 5GHz band. For short-distance transmission, the 5GHz band can be selected for optimal transfer performance.

Format : Formats all files on the memory card, including videos, photos, and locked videos.

Default: All settings are restored to their original state when the device was manufactured.

Version: System version.

WIFI mobile interconnection

Mobile phone connection to the dash cam


WIFI Name: DVR-XXX **WIFI Password:** 12345678

How to activate hotspot:

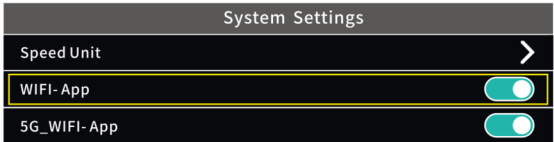
Method 1 to turn on Wi-Fi



Turn on / off WiFi

Press and hold the “” key for 3-5 seconds to turn on / off the WiFi function

Method 2 to turn on Wi-Fi



Download the App

Search for the “Carlover” APP in the “Application Market/App Store” on your phone and download and install it.



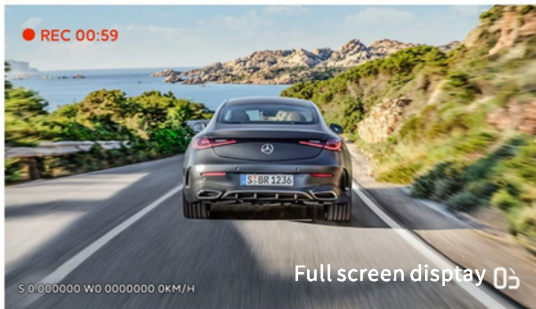
Aurora Vehicles

After installing “Carlover,” open the “Carlover” app and select to agree or allow permissions when prompted. Follow the instructions to connect to the hotspot named DVR-XXX (if you cannot find the DVR-named Wi-Fi, refresh your phone’s hotspot list or restart the device to turn on the Wi-Fi again). Enter the default password: 12345678, and connect to Wi-Fi. [If prompted that the network is unavailable, select the “Always connect” option].




DVR-Y8OYIIRP

● REC 00:59



S 0.000000 W 0.000000 0KM/H

Full screen display 



Switch
camera
view

Recording
sound 



Record/Stop
recording



Take a photo



Camera File

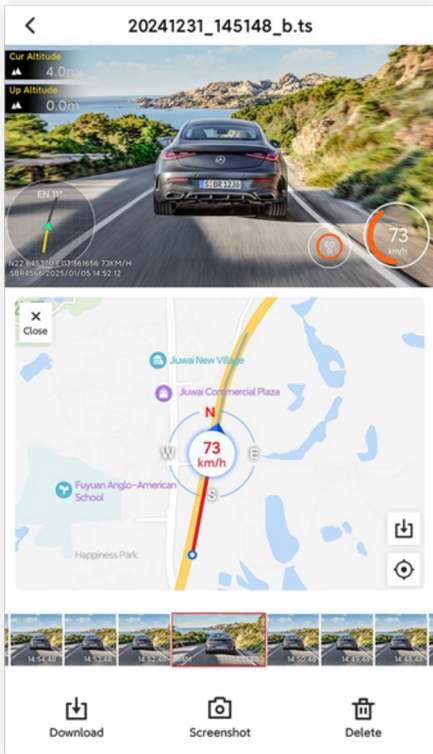


Camera Settings



If the map is not displayed, how to fix it?
Go back to the connection interface, select “More” → “App Settings” → “Offline Map,” and download the offline map package for the corresponding city.

Note: In areas with weak or no GPS signal, the recorded video will not display GPS information.



FAQ

Q: What should I do if I encounter a “storage card full” or “insufficient storage space” message while recording video?

A: In the dashcam settings, locate the “Format” option to format the storage card directly, or connect the dashcam to your phone and format the memory card through the app. It is recommended to format the memory card once a month to ensure stable device performance.

Q: Why are the captured images blurry or why do I see star-like streaks?

A: The lens or car window may be dirty; please clean them carefully.

Q: What is the maximum supported TF card size?

A: This dash cam supports high-speed TF cards ranging from 16GB to 256GB. However, for 4K video, ensure you use a high-speed storage card that supports 4K recording to meet the write speed requirements. A minimum U1 grade is required; if the storage card indicates that the write speed is too slow, it is recommended to choose a reputable brand storage card with U3 grade write speed to ensure smooth video recording.

Q: About parking Monitoring

A: No parking surveillance when paired with a car charger; 24-hour time-lapse surveillance when paired with a step-down cable.

Q: The dash cam’s casing is very hot; how should I handle it?

A: This is normal; the device generates a lot of heat during operation, and the casing helps with heat dissipation.

Specifications

Name	Dash Cam
Screen	3.2 inches
Recording Specifications	4K+1080P
Lens Aperture	F1.8
Charging Device	Car Charger or Step-down Cable Output 5V=2A
Touch Control	Not Supported
Super Night Vision	Supported
Time-lapse Monitoring	Supported 【Step-down Cable】
Parking Monitoring	Not Supported
Gravity Sensor	Supported
Simultaneous Recording	Supported
WIFI Connectivity	Supported
Real-time Storage	Supported
Loop Recording	Supported
GPS	Supported
Video Encoding	H.265
File Format	Photo (.JPG); Video (.ts)
Memory Card	Supports 16-256GB Memory Card

(Note: The product is continuously updated, and versions may differ from the specifications and images in this manual.)