

USER MANUAL

High-End Vehicle Video Monitoring System



Y S 1 1

D A S H C A M E R A

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1. Product Overview

This product uses a high-performance chip to deliver high-definition video with smooth, seamless footage. Please read this manual carefully before use and keep it in a safe place for future reference. We hope this product meets your needs and serves you well for a long time.



- 1. Power interface
- 2. TF card slot
- 3. Rear camera jack
- 4. Front camera

- 5. Screen
- 6. Indicator light
- 7. Power key
- 8. OK key

- 9. Down key
- 10. Up key
- 11. Menu key

2. Performance Parameters

Front image sensor	2K (2560×1440)
Rear camera	1080P (1920×1080)
Languages	Multiple languages supported
TF card slot	Micro TF (microSD)
Video resolution	2K (2560×1440) + 1080P (1920×1080)
Photo resolution	2K (2560×1440) + 1080P (1920×1080)
Compression format	H.264
Video format	MP4
Photo format	JPEG
Storage temperature	-30°C ~ 70°C
Operating temperature	0°C ~ 50°C
Operating humidity	15-65% RH
Memory card capacity	Supports up to 256GB

3. Button Functions

Power key

Long press to power the dash cam on/off; short press to start/stop recording.

Menu key

Short press to enter the menu interface; long press to enter the playback interface.

Up key

In preview mode, short press to switch the recording view; in menu/playback mode it moves the selection up.

Down key

In preview mode, short press to switch between the front and rear camera channels; in menu/playback mode it moves the selection down.

OK key

In preview mode, short press to lock (protect) the current video; on other interfaces, short press to confirm.

4. Preview Interface

When you start the car engine, the dash cam powers on automatically, starts recording, and enters the preview screen.

4.1 Main Interface



1. Video icon

A flashing icon indicates normal recording; the icon is hidden when not recording.

2. Recording time

Shows the elapsed recording time during normal recording. The default clip length is 1 minute; you can change it with Loop Recording in the settings menu. The indicator is hidden when not recording.

3. System time

Displays the current RTC time, which can be set in the settings menu.

4. GPS icon

When the GPS module is connected, a white GPS icon appears; if GPS is off or disconnected, no icon is shown. Once a GPS signal is received, the icon turns green.

5. Storage card

Shows the memory card status, indicating whether a card is present.

6. Wi-Fi icon

A white Wi-Fi icon appears when Wi-Fi is on; it can be turned on/off in the settings menu. When the mobile app is connected, the icon turns green.

7. Recording status

Shows the current recording status.

8. GPS speed

Once a GPS signal is received, the GPS icon turns green and the GPS speed is displayed. Please note the difference between the units km/h and mph.

4.2 Playback Interface

4.2.1 File List Interface

Tap the playback icon on the main screen to enter the playback interface, which opens by default on the front camera's video file list.



1. Video file mode

View normal video files. Note: front and rear camera videos are stored in the "front_norm" and "back_norm" folders on the SD card respectively.

2. Locked file mode

View locked (protected) video files. Note: front and rear locked files are stored in the "front_emr" and "back_emr" folders respectively.

3. Photo file mode

View stored photos. Note: front and rear photos are stored in the "front_photo" and "back_photo" folders respectively.

5. Settings Menu Functions

Note: Settings menu selections are retained after the power is turned off.

1. Wi-Fi

Wi-Fi is on by default. Wi-Fi name: SUNLINK-K32-XXXX. Password: 12345678. You can also scan the QR code shown on the dash cam screen to download the app.

2. Resolution

Sets the video resolution. Options are 2K and 1080P, corresponding to 2560×1440 and 1920×1080 respectively. Default: 2K.

3. Loop Recording

Sets the length of each recorded video file: 1, 2, or 3 minutes. Default: 1 minute.

Note: When the SD card is full, the dash cam automatically overwrites the oldest recordings.

4. Recording Switch

Turns in-cabin audio recording on/off.

5. Rear-View Camera Mirror Image

Turns the rear camera mirror mode on/off. Default: off. When on, the rear-view image is flipped horizontally, like a reflection in a mirror.

6. Screen Sleep

Options: Off, 10 seconds, 30 seconds, 3 minutes. Default: Off. When screen sleep is enabled, the screen turns off automatically if no key is pressed during use; a short press of the power key turns it back on.

Note: Recording continues after the screen turns off.

7. Volume

Sets the volume of the prompt tones played by the speaker: Off, Low, Medium, or High.

8. G-Sensor

The dash cam has a built-in collision sensor (G-sensor) with four modes: Off, Low, Medium, High. Default: Off. Low, Medium and High set the vibration-monitoring sensitivity. When the G-sensor is enabled and the dash cam detects a vibration (such as a collision) during recording, the current video is locked automatically.

Note: G-sensor sensitivity can be adjusted to High/Medium/Low according to your actual needs.

9. Collision Detection

Sets the detection sensitivity: Off, Low, Medium, or High.

10. Time-Lapse Recording Duration

Time-lapse recording compresses time: frames captured over minutes or hours are played back in a much shorter period, revealing slow changes that are normally invisible to the naked eye.

Options: Off, 5 hours, 12 hours, 24 hours. Default: Off. When time-lapse recording is enabled and the engine stops (ACC power off), an "Enter time-lapse recording" prompt appears on the screen. After confirmation, the dash cam enters time-lapse mode and the screen turns off after 5 seconds; pressing a key within those 5 seconds (or while the screen is off) turns it off again after 10 seconds. When the engine starts again (ACC power on), the dash cam exits time-lapse mode and shows an "Exit time-lapse video" prompt. The frame interval is set in item 11 (Time-lapse frame rate).

Note: This function requires ACC support; otherwise it does not appear in the menu.

Hardwire (voltage-converter) cable requirements: anti-surge protection and low-voltage cut-off; under load the minimum voltage is 4.8V and the maximum must not exceed 5.5V; the no-load maximum must also not exceed 5.5V; ripple must be within 100mV.

MINI USB 5PIN pin definition	
1	VCC 5V 3A
2	NC
3	NC
4	ACC 5V
5	GND

Note: This dash cam must be used with its dedicated voltage-converter cable; it is not compatible with other hardwire cables.

11. Time-Lapse Video Frame Rate

The time-lapse interval can be set to 0.5 seconds, 1 second, or 5 seconds, corresponding to 0.5, 1, and 5 frames per second respectively. Default: 0.5 seconds.

0.5 frames per second: 60 minutes of footage is compressed into one minute of video;

1 frame per second: 30 minutes of footage is compressed into one minute;

5 frames per second: 6 minutes of footage is compressed into one minute.

Note: This function requires ACC support; otherwise it does not appear in the menu.

12. Language

Available languages are Chinese and English; default is Chinese. Select an option to change the display language.

13. Time Zone (optional)

Sets your local time zone.

14. Time Setting

Opens the time-setting dialog, where you can set the recording date and time. The default is the factory time; the setting updates the screen display and the OSD date/time watermark.

Note: To accurately record the date and time of events for driving-safety purposes, please set the correct time before using the dash cam.

15. Format

Opens the formatting dialog. Quick format is selected by default; confirm to format the memory card.

16. Reset

Opens the factory-reset dialog. Confirming restores all function settings, screen settings, lens display and display position, and the playback interface display position and mode to their factory defaults.

17. GPS (optional)

This menu appears only when a GPS module is connected; otherwise it is hidden. After opening it, you can select time zone calibration, speed calibration, and GPS information.

18. Device Information

Opens an About dialog showing the dash cam's core (chipset), software version, and model.

6. Mobile App Connection

6.1 Download the App

Use your phone's browser to scan the QR code below to download the app (the same QR code works for Android and iOS).

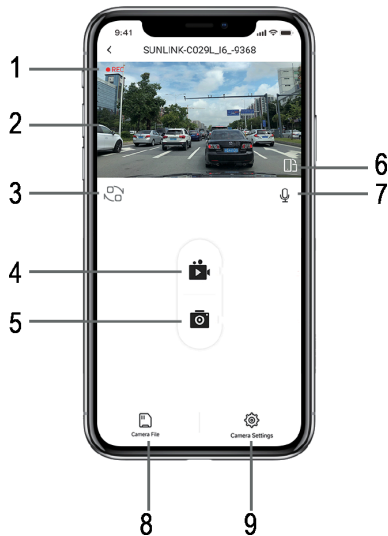


6.2 Connect to Wi-Fi and Start the App

Dash cam Wi-Fi name: SUNLINK-K32-XXXX Password: 12345678. After connecting, open the app, tap to add a dash cam, and connect to it.

6.3 App Preview Interface

1. Recording status
2. Real-time picture
3. Front/rear video switching
4. Recording button
5. Photo button
6. Full-screen preview
7. Recording switch
8. Dash cam playback
9. Dash cam settings



7. Packing List

Items	Quantity
YS11 dash cam	1
Power cable (hard wire kit)	1
Rear camera	1 set
User manual (Warranty card)	1
C10 TF card	1 (optional)
Certificate	1

Warranty Commitment

1. Free repair within one year.

Within one year of the date of purchase, if the product fails to operate correctly due to a performance defect, you may return the faulty product together with all its accessories to the local sales office for repair.

2. In any of the following cases, free warranty service is not available:

The warranty period has expired;

Malfunction or damage caused by failure to use, maintain, or store the product in accordance with the instructions;

No valid warranty card or invoice can be provided to prove that the product is still within the warranty period;

Unauthorized alteration of the warranty card;

The model shown on the warranty card does not match the actual product;

The consumer has disassembled the unit themselves;

Failure or damage caused by force majeure;

Failure or damage not caused by product design, technology, manufacturing, or quality issues.

Model: _____

Serial No: _____

Date of manufacture: _____

Customer Name: _____

Date of purchase: _____

Contact address: _____

Postal Code: _____

Telephone: _____

Please ensure the information above is accurate.

Customer signature: _____