HC339 User Manual

Dash cam

1. Basic Equipment

CPU	SA230D
Front Sensor	GC4653 (customer optional)
Internal Sensor	1080P Sensor (customer optional)
Rear Sensor	1080P Sensor (customer optional)
Reversing Image	Support
Display	3.39-inch HD 960*376 resolution (customer optional)
DDRM	2G bit
SPI NOR Flash	16M Bytes
Audio	Yes, support recording
G Sensor	Support (customer optional)
GPS	Support (customer optional)
WIFI	5G mode
RTC	Yes, built-in system clock
Memory Card	SDHC Class10 (8GB ~ 128GB), speed C10 or above
Key	4 Key
Compression Format	H264
File Format	Image file format is TS, photo format JPG
Voice Control	Support (Speech Chinese and English) (customer optional)
Algorithm	ADAS, BSD, LCA (customer optional)
Operating Temperature	-20-65℃ (storage temperature: -30-70℃)
Operating Current	5V 900ma (need car charger 5V 1.5A)
RTC Static Current	2uA (button battery fully charged can be used for 1 month) (Customer-selected)
Complete Static Current	6mA

2. Introduction to main functions

Photography mode

When a TF card is inserted in the machine, it will automatically enter the video recording mode after powering on, and the logo will flash in the upper left corner of the screen during recording;

Short press the OK (power) button to stop/start recording;

Short press the M button to add/unlock the video while recording, and short press to enter the main interface when stopping recording;

Short press the business button to switch on/off recording;

Short press the down button to record and capture while recording; short press to switch windows when stopping recording;

Smart driving mode

After turning on the device, enter automatic recording. After stopping recording, short press the M button to enter the main interface. Short press the up/down button to select smart driving and short press the OK button to enter the smart driving setting interface. After turning off automatic calibration, short press the up/down button to select the advanced driving assistance system (ADAS) calibration operation icon, and short press the OK button to enter the ADAS calibration interface (as shown in the figure)

The lines in the image correspond to the arrows of the same color on the right. Short press the OK button to switch the lines (color arrows). Short press the up button (left) to adjust the lines. Short press the down button (right) to adjust the lines. Short press the M button to save and exit.

ADAS settings

    Front vehicle collision warning: high, medium, low, off

    Lane change line pressure warning: high, medium, low, off

    Pedestrian collision warning: high, medium, low, off

    Front vehicle start warning: high, medium, low, off

    Vehicle distance warning: high, medium, low, off

    Alarm tone: off, on

    Display alarm area and prompt box: off, on

    GPS speed simulation: off, on

Enter automatic recording after powering on. After stopping recording, short press the M button to enter the main interface. Short press the up/down button to select smart driving and short press the OK button to enter the smart driving settings interface. After turning off the automatic calibration, short press the up/down button to select the rear blind spot and lane change warning (BSD) calibration operation icon, and short press the OK button to enter the BSD calibration interface (as shown in the figure)

The square area in the image is the blind spot warning area. Short press the up button to move the

red dot in the box up or left, short press the down button to move the red dot in the box down or right, short press the OK button to switch the red dot in the box, long press the power button (2 seconds, a sound will sound) to switch the direction, and short press the M button to save and exit after the setting is completed

- Alarm sensitivity: low, medium, high
- Speed threshold: 0 km/h, 30 km/h, 50 km/h, 80 km/h, 100 km/h,
- Alarm tone: off, on
- Show alarm area and prompt box: off, on

Playback mode (file management)

After powering on, enter automatic recording. After stopping recording, short press the M button to enter the main interface and select file management. In the file list interface, short press the OK button to play the file, short press the M button to return to the previous level, short press the up button to select the file, long press the up button to add/unlock files (no function in the picture folder), short press the down button to select the file, long press the down button to delete the file; when playing a file, short press the OK button to pause/start playback, short press the M button to exit playback and switch to the file list interface, short press the down button to switch file playback downward, short press the up button to switch file playback upward

Note: Currently, ordinary files occupy 70% of the total card capacity, locked files occupy 30% of the total card capacity, and 200 picture files are recorded before and after. When the file capacity is reached, they will be deleted in a loop.

System Settings

After powering on, enter automatic recording. After stopping recording, short press the M button to enter the main interface and select system settings.

- Recording resolution: 1080P, 2.5K, 4K
- Loop recording: 1 minute, 2 minutes, 3 minutes
- Light source frequency: 50Hz, 60Hz
- Gravity sensor sensitivity: off, low, medium, high
- Parking monitoring: off, low, medium, high
- Time-lapse recording: off, 1FPS/S, 2FPS/S, 5FPS/S
- Time-lapse recording duration: 12 hours, 24 hours, 48 hours, 72 hours
- Recording: off, on
- Video watermark: off, on
- HDR: off, on
- Internal camera preview Image settings: keep original image, preview mirror, record mirror, mirror, upside down, upside down and left and right mirror
- Internal recording switch: off, on
- Rear camera preview image settings: keep original image, preview mirror, record mirror, mirror, upside down, upside down and left and right mirror
- Volume settings: 0, 1, 2, 3, 4
- Key tone: off, on
- Daylight saving time: off, on

- Screen saver: off, 1 minute, 3 minutes
- Speed unit: off, km/h, mph
- Time zone selection: -12 ~ +13
- Language settings: English, Simplified Chinese, Traditional Chinese, etc.
- Satellite information: GPS information
- WiFi frequency band: 2.4GHz, 5.8GHz
- WiFi information: off/on and account password display
- Time settings: RTC system time
- Disk formatting: confirm, cancel
- Version information: system version number
- Factory reset: confirm, cancel
- Simulate USB disk: confirm, cancel

Note: Press and hold the OK (power) button on any screen to shut down the device (about 5 seconds, the device will beep twice).

3. Notes

4.1 , Note: Please do not remove or insert the TF card when the machine is working to avoid damage.

2. Please pay attention to the direction of TF card insertion. If it is inserted upside down, it may damage the machine and TF card.

3. When you insert the TF card into the machine, the machine will set this TF card as the default storage device, and the data in the original TF card may not be read.

1. If the TF card is incompatible with the machine, please re-insert it or try again with another TF card.

2. Support up to 128G

3. Temperature range -20~70°C

If the recorder shows that the card is full or the card is wrong, it cannot record:

1. Check whether the G-sensor sensitivity is set to high. If the sensitivity is set too high, the car will shake during driving, which will cause the file to be locked. The locked file cannot be overwritten. If there are too many locked files, the memory card will be full and no recording will occur.

2. When a new card is used on the machine for the first time, it must be formatted on the machine before use.

3. If it prompts card error or no card after inserting the card, it is recommended to reinsert the TF card and format it. If it still doesn't work, take the card to the computer to see if it can be formatted. If not, the card is broken.

IV. System error message definition

Error Message	Description	Solution
Card not inserted	No memory card detected, unable to record	Please insert the card
No file	1 SD card not inserted 2 No file	Insert the card to record or take photos
Card error/please format	Wrong card format	Enter the menu to format the SD card
SENSOR FAIL	Sensor initialization error, unable to record	If the problem persists, please contact the dealer for repair
SD card is full	Insufficient remaining space when taking photos Displayed when taking photos	Please delete or unlock some files to free up space

5. Instructions for using WiFi

1. Install the mobile APP

Select a commonly used mobile phone to scan the device WiFi information QR code or search for the recorder on the mobile phone to download and install

2. WiFi mobile phone connection

1) Check the WiFi information in the device system settings to turn on WiFi

2) Search WiFi on the mobile phone, find the WiFi name: H30D-E42AEF37, enter the password: 12345678 to connect

Note: A recorder can only be connected to one mobile phone at a time

3. APP operation

1) Open the APP, add the recorder, and enter the recorder preview interface after adding successfully according to the steps

My Camera ▾   +

X2K6

CARDV-339-da21   (Access Camera)
▭ Recording Started

| ▶ Camera | 🖼 Album | ☺ More |

‹   Camera Settings

Video

Sound Recording   ●—

Video Resolution   4K+1080P ›

Loop Recording Duration
The duration of each recording, if the memory card   1 Minute ›
is full, it will automatically be overwritten from the
earliest video

Time Watermark   ●—

Advanced

Collision Sensing
When the camera is in recording mode, it will   Low ›
automatically lock current video when a impact is
detected

Automatic Screen Off Time
The time is up to turn off the screen to avoid affecting Off ›
driving, and the video will continue to be recorded and
stored

Key Voice   ●—

Voice Control   ●—
Turn on to accept voice commands

Parking Mode (Hardwire Kit Required)

Parking Guard   —○
Parking Monitor Motion Detection

Frame Rate of Time-lapse Video
Choose the suitable frame rate to run the time-lapse   Off ›
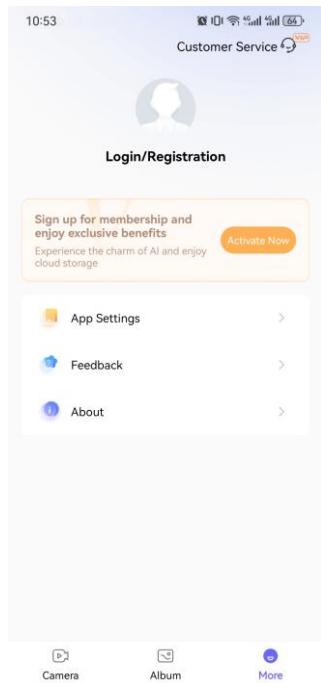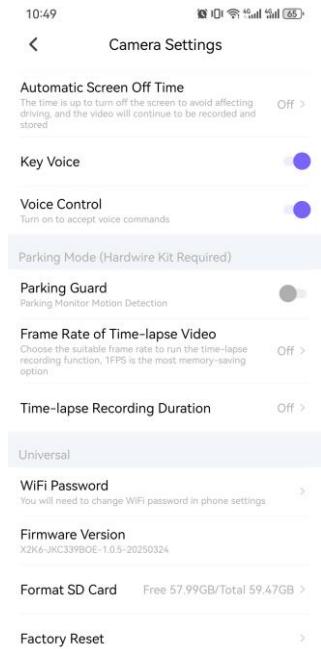
2) Playback interface

Click the preview image to enter the playback mode

Long press the preview image to select batch download or delete files

Note: The playback resolution of undownloaded videos is low, it is recommended to download before playing.

4. Other instructions

WiFi cannot be connected: Make sure the recorder is turned on or connected to other mobile phones (only one mobile phone can be connected at the same time)

The recorder cannot record: Make sure the SD card is full or damaged, you can format the SD card or replace the SD card for troubleshooting

The APP screen is not smooth or real-time: Try to keep the background software of the mobile phone as few as possible, and keep the phone close to the recorder, you can close the APP and restart (Wifi competes for bandwidth on the same channel, and adjacent channels interfere with each other)

The image quality is not clear: Check whether there is any stolen goods on the recorder lens and car windshield

This system supports up to 128G Micro SD memory card. In order to keep the video recording smooth, it is recommended to use Class 10 or higher high-speed cards. At the same time, do not plug or unplug the SD card when the system is turned on to avoid damage to the SD card.

SD cards are consumables, so please maintain them regularly, such as formatting them every 1 to 2 months.

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.
-This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.