

HX255D-ID9 Specification

I. BASIC EQUIPMENT

CPU	SA255D
Front Sensor	IMX675
Rear Sensor	AHD Sensor
Reverse Image	Supported
Display	640*360 Resolution
DDRM	2G bit
SPI NOR Flash	16M Bytes
Audio	Yes, Audio Recording Supported
G-Sensor	Supported
GPS	Supported
WIFI	5.8G/2.4G Dual-Band
RTC	Yes, Built-in Real-Time Clock
Memory Card	SDHC Class10 (32GB-256GB) , Speed Class 10 or Above
Key	5 key
Compression Format	H264
File Formats	Video: TS; Photo: JPG
Voice Control	Supported
Operating Temperature	-20-70°C (Storage Temperature: -30-80°C)
Operating Current	5V 900ma (Requires 5V / 2A Car Charger)
RTC Standby Current	2uA (Coin Cell Fully Charged Lasts Approx. 1 Month)
Device Standby Current	6mA

II. MAIN FEATURES

1. Recording Mode

When a TF card is inserted, the device automatically starts recording after power-on.

A flashing  icon in the top-left corner indicates active recording.

Short press OK: Stop / Start Recording; **Long press OK (approx. 2 seconds):** Capture Photo (Snapshot)

Short press M: Enter Main Menu

Short press Up: Capture Photo (Snapshot); **Long press Up:** Turn WiFi On / Off

Short press Down: Switch Preview Display; **Long press Down:** Lock / Unlock

Recording File

Note: Short press the Power Button to turn off the screen in any interface; long press the Power Button to power off the device.

2.Playback Mode (File Management)

After power-on, the device enters auto-recording. Short press the **M** key to enter the Main Menu, then select **File Management**.

In the file list interface:

Short press OK: Play the selected file

Short press M: Return to the previous level

Short press Up: Select previous file

Long press Up: Lock / Unlock file (not available in the photo folder)

Short press Down: Select next file

Long press Down: Delete file

During file playback:

Short press OK: Pause / Resume playback

Short press M: Exit playback and return to the file list

Short press Down: Switch to next file

Short press Up: Switch to previous file

Note: Normal files occupy 70% of the total card capacity; locked files occupy 30%.
When capacity is full, the oldest files will be cyclically overwritten first.

3. System Settings

After power-on, the device enters auto-recording. Short press the **M** key to enter the Main Menu, then select System Settings.

- Recording Resolution: 1080P+1080P, 2.5K+1080P, 2.5K+2.5K, 4K+1080P, 4K+2.5K, 4K+4K
- Loop Recording: 1 min, 2 min, 3 min
- Light Frequency (Anti-Flicker): 50Hz, 60Hz
- G-Sensor Sensitivity: Off, Low, Medium, High
- Parking Monitor: Off, Low, Medium, High
- Time-Lapse Recording: Off, 1 FPS/S, 2 FPS/S, 5 FPS/S
- Time-Lapse Duration: 12h, 24h, 48h, 72h
- Audio Recording: On, Off
- Video Watermark: On, Off
- Rear Camera Orientation: Off, Flip 180 °, Preview Mirror, Flip 180 °+ Preview Mirror

- Volume: Off, Low, Medium, High, Max
- Key Tone: On, Off
- Screen Saver (Screen Sleep): Off, 1 min, 3 min
- Language: English, Simplified Chinese, Traditional Chinese, Japanese, Russian, Thai, Vietnamese, Arabic, Malay, Pilipino
- WiFi Infomation: On, Off, WiFi Name, WiFi Password
- WiFi Band: 2.4GHz, 5.8GHz
- Voice Control: On, Off, Command Instructions
- Time Setting: RTC System Time
- Format Card: Confirm, Cancel
- Version Infomation: System Version Number
- Factory Reset: Confirm, Cancel

III. PRECAUTIONS

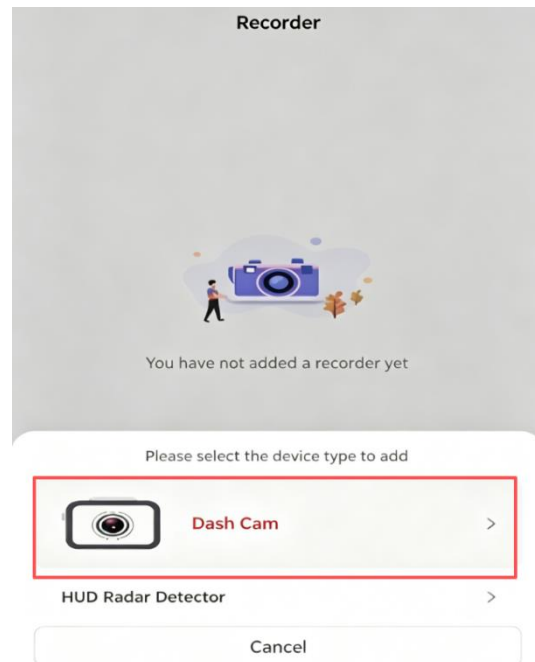
1. Do not insert or remove the TF card while the device is operating, as this may cause damage.
2. Pay attention to the insertion direction of the TF card. Inserting it in reverse may damage both the device and the card.
3. After inserting a TF card, the device will set it as the default storage device; data on the previously used card may become unreadable.
4. Supports up to 128GB. If the TF card is incompatible with the device, please reinsert it or try another card.
5. If the device displays "Card Full" or "Card Error" and cannot record, check whether the G-Sensor sensitivity is set to **High**. If the sensitivity is too high, bumps and shakes during driving will cause files to be locked. Locked files cannot be overwritten by loop recording; an accumulation of too many locked files will result in the memory card being full and recording being unable to continue.
6. For first-time use of a new card, please format it on the device before use.
7. If a "Card Error" prompt appears or the device cannot read the card, try reinserting the TF card and formatting it on the device. If the problem persists, try formatting the card on a computer; if it cannot be formatted, the card is likely damaged.

IV. SYSTEM ERROR MESSAGE DEFINITIONS

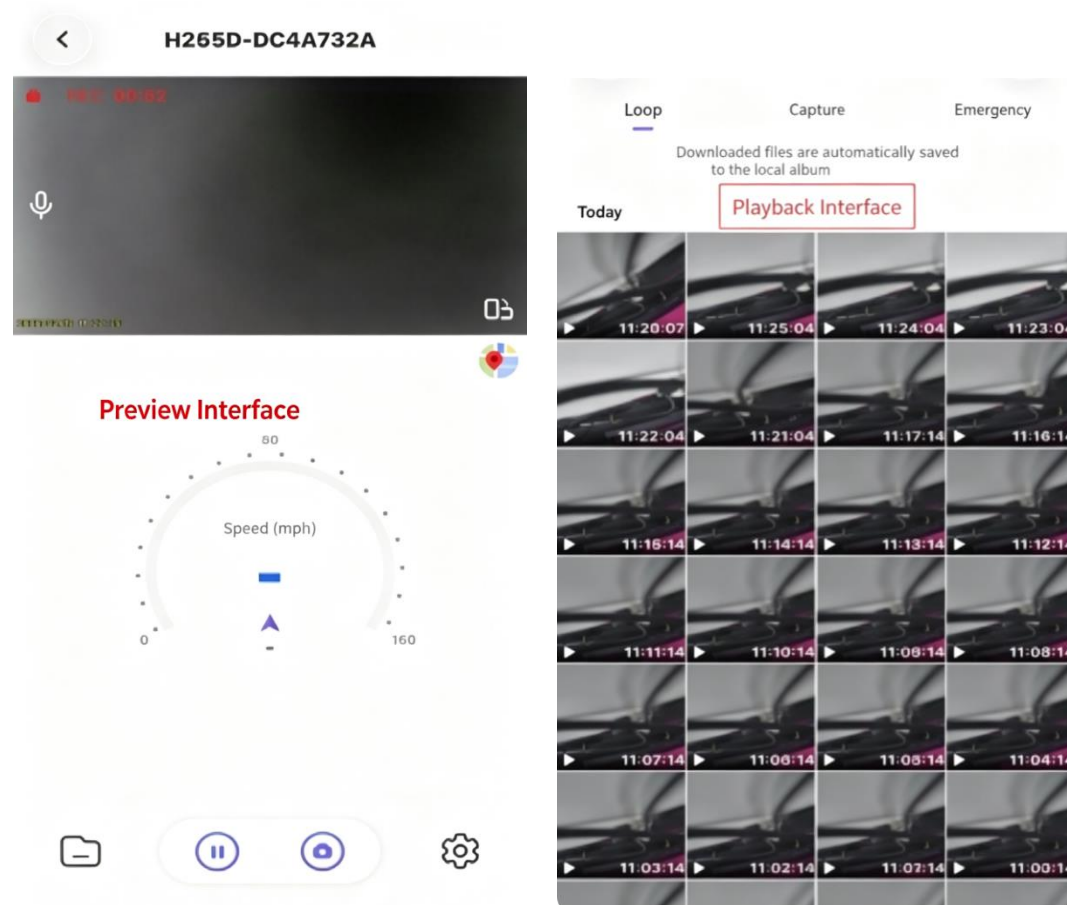
Error Message	Description	Solution
No Card Inserted	No TF card detected, recording unavailable	Insert a TF card
No File	No card inserted / No recording yet	Insert card and record or take photos
Card Error / Please Format	Incorrect card format	Go to menu to format the card
SENSOR FAIL	Sensor initialization error, cannot record	If it persists, please contact the dealer for repair
SD Card Full	Insufficient space when taking a photo, displayed during photo capture	Delete or unlock some files to free up space

V. WiFi INSTRUCTIONS

1. Install the mobile app by scanning the QR code in the device's WiFi Information, or search for “Viidure” in the app store to download and install.
2. WiFi Connection
 - a. Enable WiFi via WiFi Info in the device’s System Settings, or long-press the Up key on the preview screen to turn WiFi on.
 - b. Search for WiFi networks on your mobile phone. Select the WiFi name: H255D-*****, password: 12345678 to connect. After successful connection, launch the APP and add the dashcam following the on-screen instructions.



3. After successful addition, you can access the Preview, Settings and Playback interfaces.



Note: Only one mobile phone can connect to one dashcam at a time.

4. Tap the preview thumbnail to enter playback mode. Long-press the preview thumbnail for batch-selecting files to download or delete. (Videos played before downloading are in low resolution. It is recommended to download them first for playback.)
5. Other Notes:
 - WiFi connection fails: Confirm whether the dashcam WiFi is turned on, or if another phone is already connected. (Only one phone can be connected at one time.)
 - Dashcam fails to record: Check whether the SD card is full or damaged. Try formatting or replacing the SD card for troubleshooting.
 - Stuttering video in APP: Close background apps on your phone, move your phone closer to the dashcam, restart the APP. (WiFi co-channel competition and adjacent-channel interference may affect performance.)
 - Blurry image quality: Check for dirt on the dashcam lens and vehicle windshield.
6. This system supports Micro SD card up to 128GB. For smooth video recording, please use high-speed Class 10 or above cards. Do not insert or remove the SD card while the system is powered on to avoid damaging the card.
7. SD cards are consumable items. Perform regular maintenance and format the card every 1-2 months.

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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Statement

To maintain compliance with FCC'S RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm between the radiator and your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.