

# High definition traffic recorder

Wireless WIFI version for smartphones

Instruction manual

## To the user:

Dear user friends, thank you for choosing the high tachograph products produced by our company. This product uses high-end traffic recorder mainstream chip on the market as the main control encoding and decoding chip, pure hardware encoding and decoding 4K driving record image, to provide you with a real sense of HD driving record picture.

This machine adopts high-performance low illumination CMOS photographic chip, with unique installation structure design, so that it can be used in various car types of fields, bring you convenience. Safe and colorful daily life. Up to 30 frames per second (fps) HD (3840\*2160; 4K 30 frames) video, video file optional recording function; The continuity of the dynamic screen is very strong; Automatic coverage function, can cycle video function, no need to worry about the memory card full; Supports playback of recorded video clips. External card memory card up to support 128G-TF multi-functional high-tech new products. It is mainly used in vehicle-mounted driving video, which is the best helper to effectively improve driving safety accident evidence collection. Before using this product, please read this user manual carefully and keep it well. We hope this product can meet your needs and long-term service for you!

## Looking for that

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# Installation Instructions

Connect the yellow power cable to the 12V power supply, the red ACC ignition control cable, the black ground, start the engine, the light is on and flashing, and the machine starts to record.

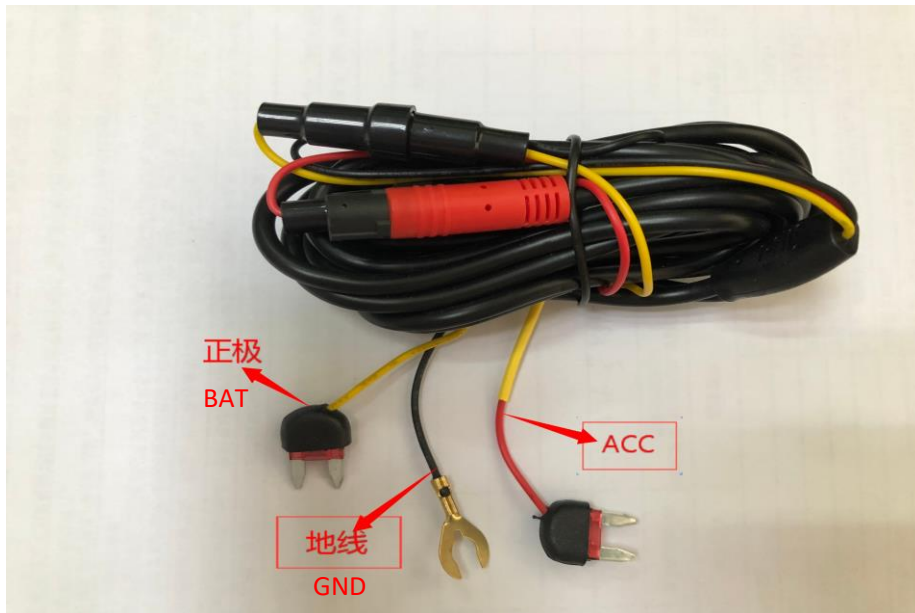


Figure 1 Wiring diagram



## APP download and installation

1、Please scan the following QR code with your mobile phone to download the APP when using the recorder for the first time:



GoLook

2、The iPhone can be downloaded and installed by going to the Apple app store and searching for "GoLook".

3、After starting the car and turning the recorder on, find the WIFI starting with "HieDvr\_\*\*\*\*\*" in the Settings of your phone and enter the default password 12345678 to connect.

4、After the connection is completed, enter the APP, and the recorder time will be synchronized with the current phone time. In addition, enter the recorder setting option and select "Format SD Card".

## Recorder Instructions

1. The key that

|  |              |                         |                    |
|--|--------------|-------------------------|--------------------|
| Device shortcut key  | Photo button | Short press             | Take pictures      |
|  |              | Hold down for 5 seconds | factory data reset |
|  | Power key    | Short press             | Switch WiFi        |
|  |              | Hold down for 3 seconds | Shut down          |
| Reset hole: Press the reset button to power off and restart the machine hardware |              |                         |                    |

## 2. Indicator description

|  |              |  |
|--|--------------|--|
| Blue lamp  | Slow flash   | Video recording                            |
|  | Steady light | unrecorded                                 |
| Red light  | Slow flash   | The TF card is not inserted or is abnormal |
|  | Steady light | wifi off                                   |
|  | destroy      | wifi on                                    |
|  | Flash mob    | Video exception/module exception           |
| Note: The red and blue lights flash rapidly at the same time: the recorder equipment is being upgraded |              |  |

## 3. Voice prompt description

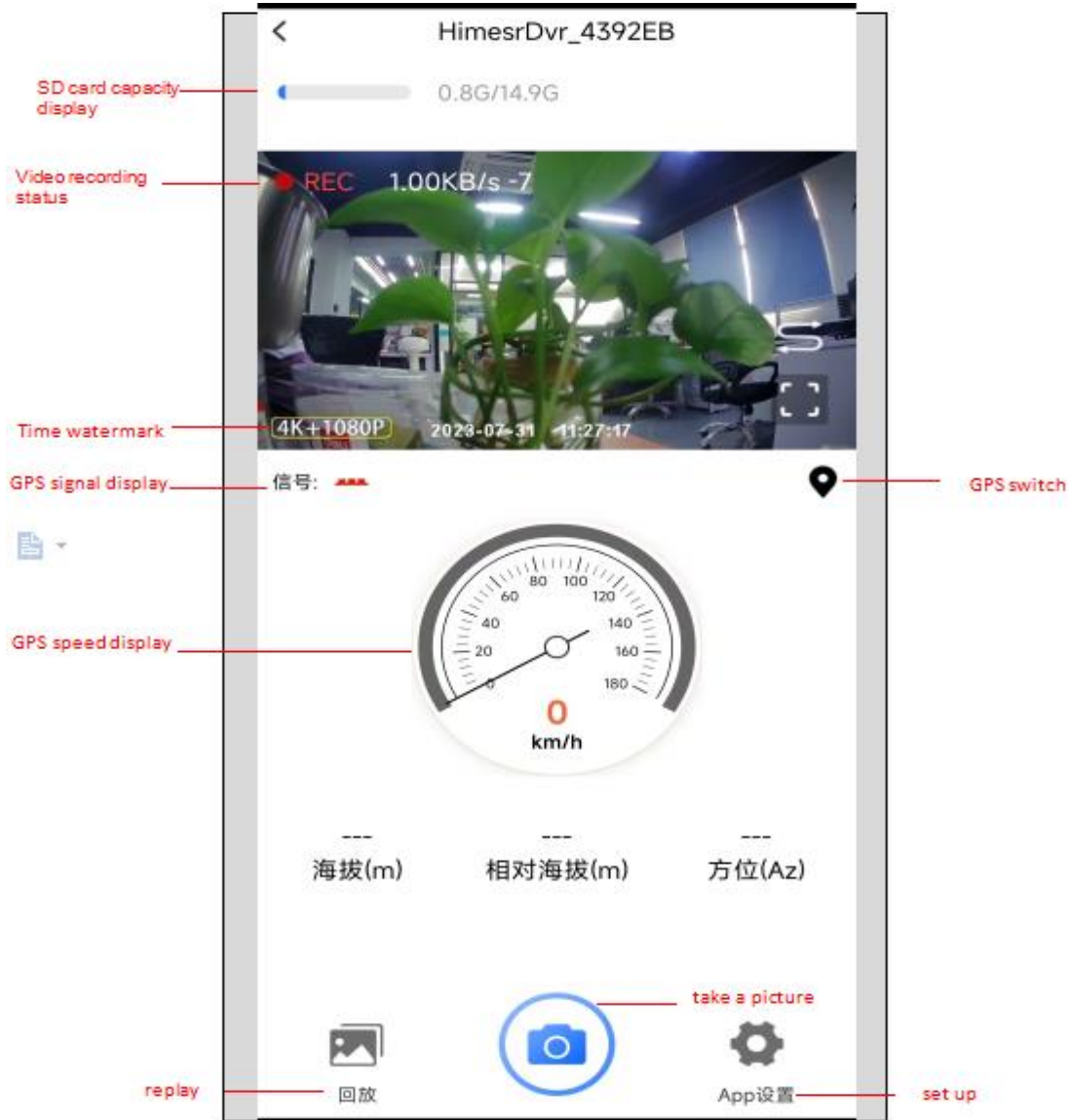
|              |   |  |
|--------------|---|--|
| Voice prompt | Insert the memory card                            | Prompt when no TF card is inserted   |
|              | Start recording                                   | Prompt when the device starts recording  |
|              | Photo taken successfully                          | Prompt when pressing Photo button  |
|              | WIFI enabled                                      | The device will prompt when WIFI is on. Press the power button to turn off WIFI  |
|              | WIFI is off                                       | When the device WIFI is off, it will prompt you. Press the power button to turn on WIFI  |
|              | Please synchronize the phone time to the recorder | Remind APP to connect the recorder and synchronize the phone time with the recorder  |
|              | The memory card is being initialized              | Inserting a new card will automatically format   |
|              | Please format the memory card                     | When the memory card is incorrectly read, it will prompt you to enter the APP Settings for formatting or replacing the high-speed card |
|              | Memory card exception                             | The storage card reads abnormally  |
|              | Start emergency video                             | When a collision occurs, the device prompts that this video will automatically lock  |
|              | Start taping                                      | APP Settings on shrinking time recording, parking and extinguishing into the shrinking time recording state                            |
|              | Restoring factory Settings                        | Long press the photo button to prompt, or APP Settings "restoring factory Settings" prompt   |
|              | Firmware upgrade starts                           | Prompt for online upgrade or TF card upgrade   |
|              | Firmware upgrade completed                        | Upgrade completion prompt  |

#### 4. Voice Command description (Optional functions)

|                          |                         |   |
|--------------------------|-------------------------|---|
| Password feedback prompt | I want to take pictures | The machine will take pictures                      |
|                          | Open recording          | The machine will turn on the recording              |
|                          | Close recording         | The machine will turn off the recording             |
|                          | Video locking           | The machine will lock the current<br>recorded video |
|                          | Turn on WIFI            | Machine WIFI on                                     |

APP operation instructions

1. Main interface is shown in Figure



2. Set main functions on the page

|   |   |
|---|---|
| Video resolution                        | 3840*2160 (4K resolution, 30 frames per second) /2560*1440 (2K resolution, 30 frames per second)              |
| Video encoding format                   | H264(Default)/H265  |
| Format TF card                          | Format memory card (FAT32 64KB)   |
| Recording switch                        | On (Default)/off  |
| Recording duration                      | 1 minute (Default)/3 minutes /5 minutes   |
| Emergency recording trigger sensitivity | Low adjustment of collision sensitivity during normal recording. Off/Low/medium(default)/high can be selected |
| Parking monitoring                      | The collision of recorder after hibercountry opens sensitivity  |

|   |   |
|---|---|
| trigger sensitivity                         | adjustment, can choose off (default)/ low/medium/high   |
| Reduced time recording                      | optional off (default) /10 minutes /12 hours /24 hours /48 hours (the longer the time, the higher the car battery requirements)<br>Tip: WIFI will be turned off automatically when the device enters the time-lapse recording state |
| Vehicle battery protection                  | When the vehicle battery voltage falls below this option, the device will automatically shut down to protect the battery. Low (11.8V)/medium (12V)/high (12.2V) can be selected.  |
| Speaker volume                              | Adjust the playback volume of the recorder speaker. Mute/Low (default)/medium/high can be selected  |
| Modify the WIFI information of the recorder | modify the WIFI account and password (if you forget the WIFI password, you can long press the photo button to restore factory Settings)   |
| Restore factory Settings                    | reset Settings function (wifi will also be restored to the default account password)  |
| About the recorder                          | Recorder firmware information   |

## Parameter of recorder

|                          |   |
|--------------------------|---|
| Main control chip        | SA220   |
| Screen                   | Smart connection of mobile APP/display of mobile phone screen   |
| Resolution               | 3840*2160、2560*1440   |
| Video Angle              | 120 degrees wide Angle  |
| Video format             | H265/H264 compressed, stored in TS format                       |
| Image format             | JPEG  |
| Video clip               | 1/3/5 minutes   |
| Video mode               | cyclic video recording, automatic coverage, power-on repair     |
| Microphone               | Supported (enabled by default)                                  |
| Memory card              | external 8~128G, CLASS 10 or above                              |
| Power supply mode        | Start with ACC ignition   |
| Battery                  | Batteries are optional  |
| Language                 | Multi-lingual (Chinese by default)                              |
| Gravity sensing          | three-axis stereo collision acceleration sensor (on by default) |
| Seamless video recording | each video is seamlessly connected without missing seconds      |
| Time overprint           | The time is accurately overprinted on the video                 |
| Video playback           | You can select a video to play back                             |
| Temperature range        | -20 ° C to 75° C  |

## **FCC warning statements:**

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

The device has been evaluated to meet general RF exposure requirement 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.