EYEDASH AI

Simple operation manual

I Product introduction

This product is a 4channel AI intelligent 4G dash camera, built-in one channel, external Three Channel HD vehicle DV camera, built-in AI intelligent algorithm, one button emergency alarm, capture, platform intercom, GPS positioning, driving track, WiFi hotspot, 4G and TF card storage in one vehicle networking product.

II Product features

- H.265 & H.264 encoding and decoding,Save storage space and transmission flow；
- Support 4-channel 1080p * 15fps / 2-channel 1080p * 30fps, 4-channel 720p, D1 and other codecs;
- Built in one 1080p camera and external three HD cameras for easy installation;;
- Built in 2CH AI intelligent algorithm, which can support ADAS, DMS and BSD functions；
- Built in GPS + Beidou dual-mode precise positioning；
- Support 1 TF card,super capacitor double guarantees the integrity of video files；
- Support 1 SIM card, 4G module can support global frequency band；
- Support WiFi hotspot.
- Support mobile app, client, platform software preview video and parameter configuration；
- Support 4CH IO alarm input and 2CH of RS232；
- Built in speaker and microphone, Support voice intercom between dash camera and platform. TTS voice broadcast；
- One key SOS emergency alarm; Support low-power sleep；

- Special file system to improve disk reading and writing efficiency,More stable video recording；

III Product operation and installation

1. Installation instructions：

Selection of TF Card: it is recommended to select a large brand and high-quality TF card. It is recommended to use more than class 10, with a capacity of 8GB to 256GB.
Format of TF Card: before using the new TF card, if the TF card has data to be backed up, please back up first,Then insert the TF card into the device, and the new card device will automatically format the TF card, which can be used only after formatting.

2. Install 4G card and TF Card

Remove the protective cover and install the 4G card （Micro sim card）and video memory card（TFcard）.

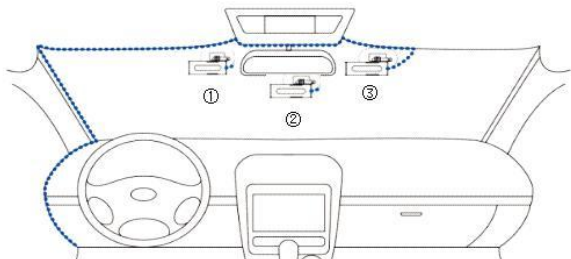## 3. nstallation and fixing

(1). Find a good angle in the car.
(2). Remove 3M dust-free adhesive tape from the bracket.
(3). Stick it on the windshield before washing the car.
(4). Clip the equipment onto the bracket.
(5). Power on.


4. Wiring diagram and wire use definition

4.1 Please refer to the schematic diagram above for the wiring mode, ① ② ③ is the reference position, please select according to the actual situation.

4.2 Two sets of wiring definitions are shown in the following figure:

4.2.1 Internal line: 10PIN BMW female power input, two RS232 serial ports (optional), video output, ch2-4 video input, GPS antenna interface;
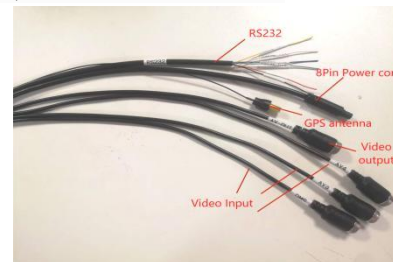
4.2.2 Function line: one end is 10PIN BMW male power output, which needs to be connected with 10PIN female head of internal line; Support SOS one key alarm and four IO inputs; ACC signal, ground wire, power input 10-36v and other functions.
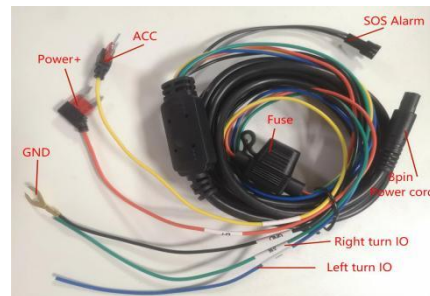
5. Device indicator description

The indicator light is at the lower left in the direction of the heat sink of the equipment, as shown in the figure. After power on, the red power indicator is on, and the corresponding green indicator is defined as follows:

(1) Successful platform networking + normal video recording (always on),
(2) Successful platform networking + no video recording (flash),
(3) The platform is not networked + video recording (flashing at 1 second intervals),
(4) Platform not networked + not recorded (off).

6. Function setting and connection description

6.1 Mobile direct connection mode：TViewer APP

After power on, the Android phone turns on the WiFi function,search the WiFi opened by the "T5304" device. The password is "88888888"，Click Connect; Click TViewer APP preview page,Automatic search device, showing the device being scanned. If the device cannot be searched, you can manually click the search flag to search.
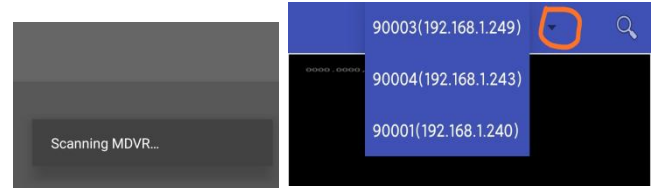
6.1.1 Remote real-time video, playback and setting

Select "playback" under TViewer APP and select date / time to enter playback mode; Click "setting" to enter the main menu, no password, you can select the corresponding function for setting：
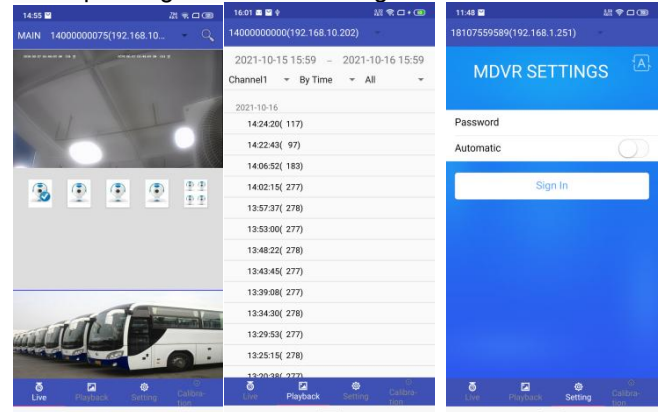
6.1.2 AI setting

Select the AI setting menu, enter the built-in software option, select the corresponding channel of DSM / ADAS and save it.
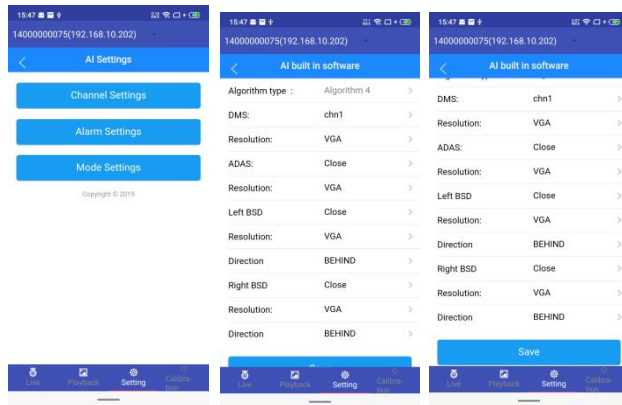
6.1.3 Calibration setting

Select the calibration menu. When ADAS is calibrated, ask the vehicle to go straight in the middle of the lane. The vertical line is the lane center line and the horizontal line is the horizontal line where the sky road ahead disappears. Point the cross line and adjust it by moving up / down / left / right. After calibration, click "start calibration".

When DSM is calibrated, click the "start calibration" button, the driver face the front and will automatically calibrate successfully in about 3 seconds.
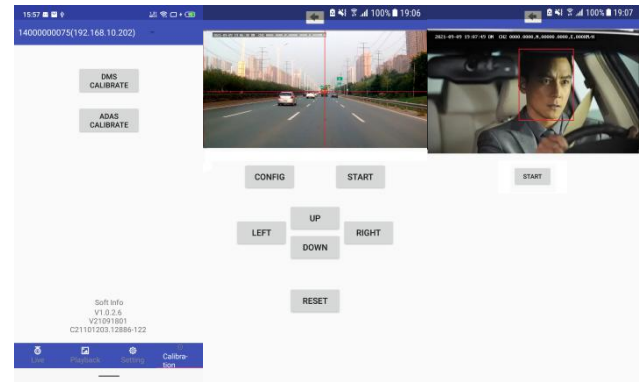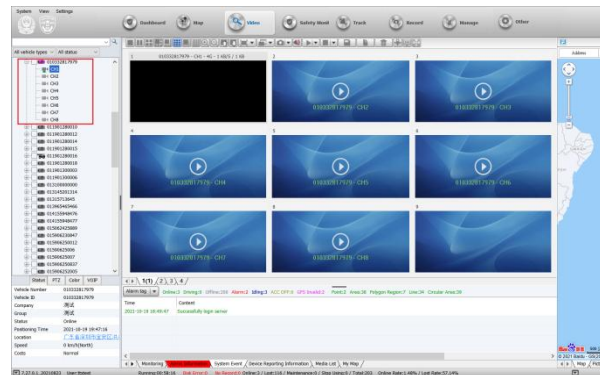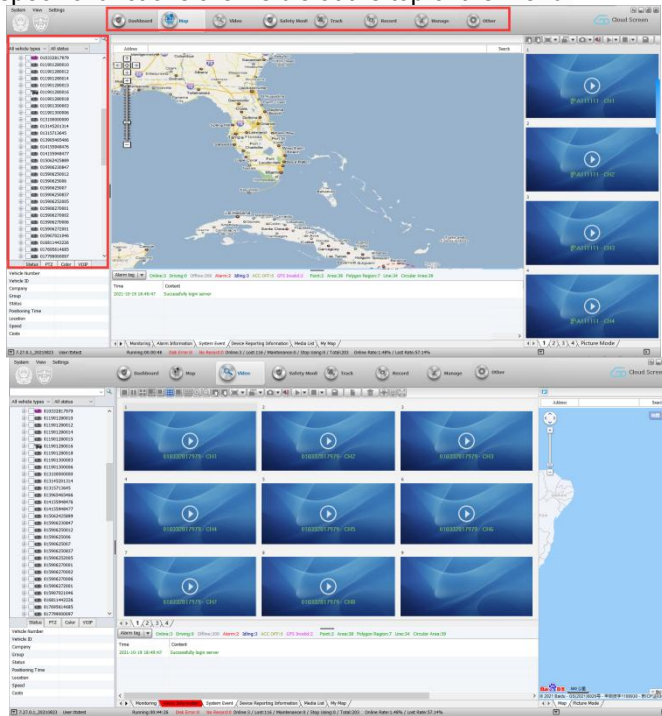

6.2 Platform access mode：CMSV6

After successful 4G dialing, the 808 protocol is used by default. The video stream is H.264. Please select G711a for audio format. To open CMSV6 software, you need to register the account and password of the platform on the official website. The login interface is shown in the figure below：

（Please download the specific operating instructions from the platform's official website or consult the platform service personnel）
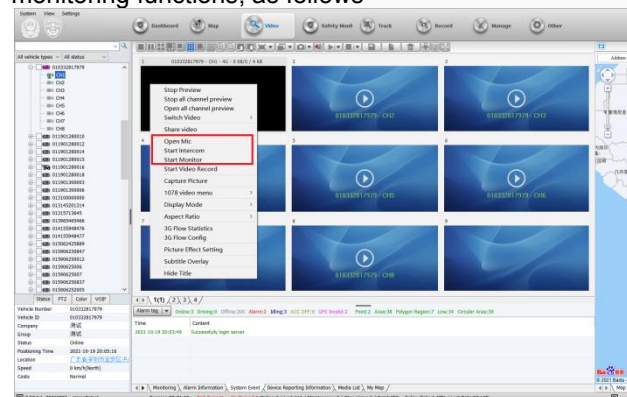
After entering the CMSV6 interface, you can connect the equipment through the equipment number, and the specific functions are visible at the top of the menu.

6.2.1 Remote live preview

Open CMSV6 Software > Video. After selecting the device, double-click the CH1~ CH4 icon to open the recording channel, As shown below.

6.2.2 Remote intercom and monitoring

Select the mdvr device and the corresponding channel, double-click to open the video of the channel, click the left mouse button in the video box, and select "Start Intercom" or "Start Monitor" to use the intercom and monitoring functions, as follows
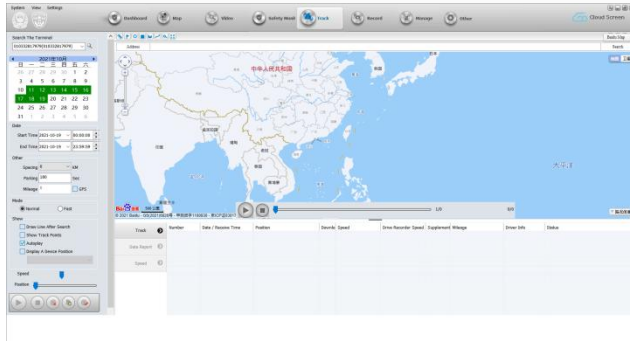
6.2.3 Remote positioning and trajectory

CMSV6 Software > track to view the positioning and historical track of the selected vehicle.as follows:

7. Simple troubleshooting

Phenomenon	Operation method
Device not online	Whether the equipment is powered on
	SIM card in arrears or no traffic
	Whether the 4G antenna and signal are in good condition
Abnormal equipment positioning	Whether GPS antenna and signal are in good condition
	Is there no GPS in the area (such as underground garage and tunnel)
Can't even get on WiFi	Whether the WiFi function of the equipment is turned on and whether the WiFi signal is poor.

FCC Statement

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.

Caution: 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 important announcement .

Radiation Exposure Statement

To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.