AUTOMATION INDIA
An ISO 9001 : 2015 Company
Manufacturer of Safety Equipment Mining & Industrial
Dist.-Ramgarh, (Jharkhand) - 829122
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DS03P All-in-one Vehicle terminal

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Thanks for using the DS03P all-in-one vehicle terminal

- DS03P car video terminal all-in-one, using professional camera real-time monitoring driver fatigue driving, call, yawning, smoking, look around and other driver abnormal driving behavior, and through serial port and a variety of types of car terminal connection, the driver abnormal driving behavior data transmission to the monitoring platform.

- The scalable access camera supports the functions of vehicle proximity, lane departure, forward collision alarm and pedestrian collision alarm.

- The scalable access camera supports the blind spot vehicle and pedestrian alarm. Support the driver's face comparison and verification.

- By analyzing the driver's behavioral data, the monitor can provide feedback and advice to help drivers improve their driving skills and reduce the risk of operational errors and accidents. At the same time, the monitor can also record the driver's working time, rest time and workload, provide data support for managers, optimize the work arrangement and resource allocation.

- Device safety function performance may be affected by driver status, road environment, weather conditions, and installation

Product profile

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DS03P On-board video terminal all-in-one machine, support the driver face registration and verification. The equipment supports 9-36V wide voltage input, which can be used independently or as vehicle accessories for rental, bus, school bus, forklift and other vehicles. The equipment protection level reaches IP66, and it supports the outdoor use of the open cockpit. Support the DMS driver fatigue monitoring algorithm and the ADAS algorithm. The driver registration and verification records are kept on the device and can be sent to the mobile phone APP via WiFi.

Product appearance

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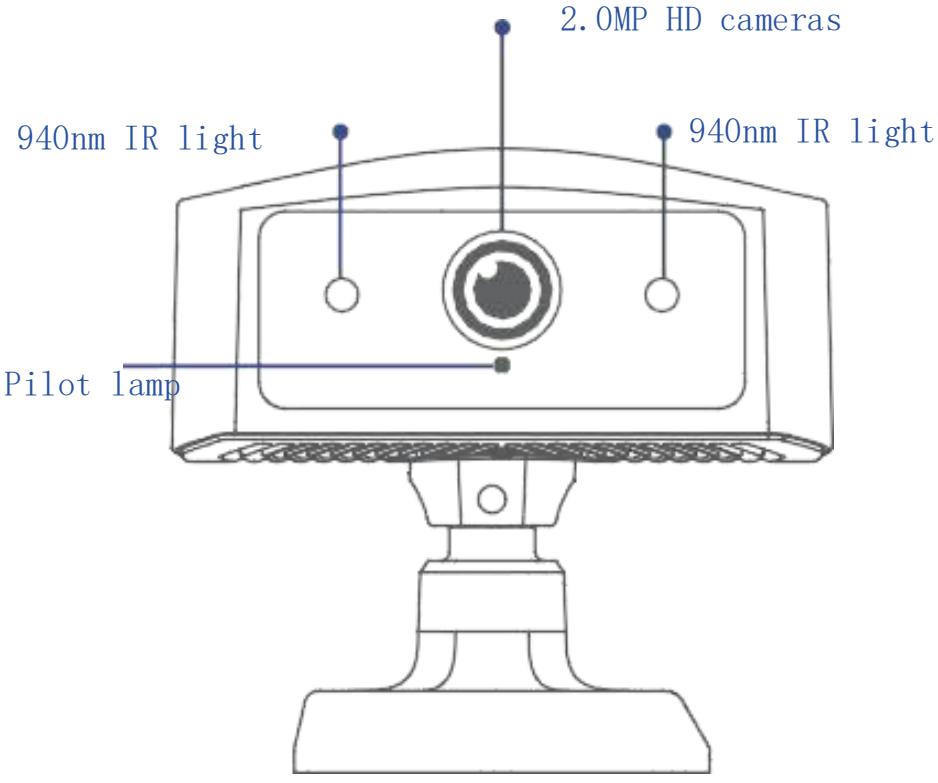
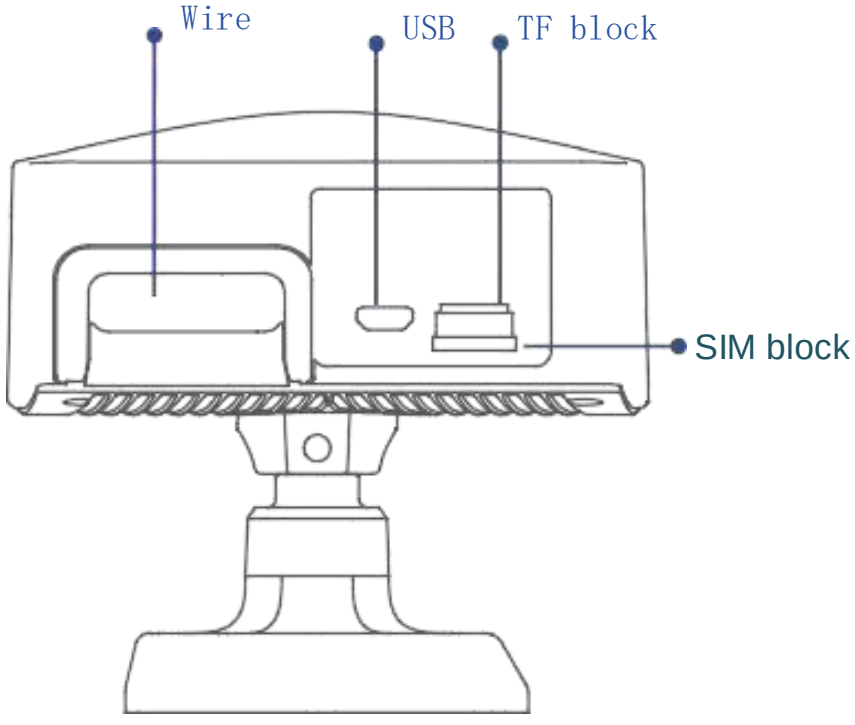


Product front



Product reverse

Datasheet of product

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CPU	Quad core chip
camera	1080P
4G	Support all-netcom / global communication
GPS	GPS / Beidou / GLONASS, with accuracy <10m
infrared lamp	940nm
speaker	Bulit in 8Ω 3W
microphone	Support for a 1-channel G.276/PCM/AMR
operating distance	50-100cm
working voltage	DC 9-36V, supporting the ACC
working temperature	-20℃~+70℃
Storage temperature	-40℃~+85℃
size	100*95*105mm
levels of protection	IP66
Interface	Power supply positive, power supply ground, ACC, IO IN, IO OUT, RS232(Optional), 1 AHD output, 2 AHD input

Installation instructions

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Installation site:

- Location: It is recommended to install the DMS camera next to pillar A.
- Angle: It is recommended to install it below the driver's eye, about 0° -15°.
- Detection range: it is recommended to be 50-100 cm away from the driver's face.
- Installation locations and angles are very important for the performance of the DS03P. For the best results, the above instructions are strongly recommended to follow.

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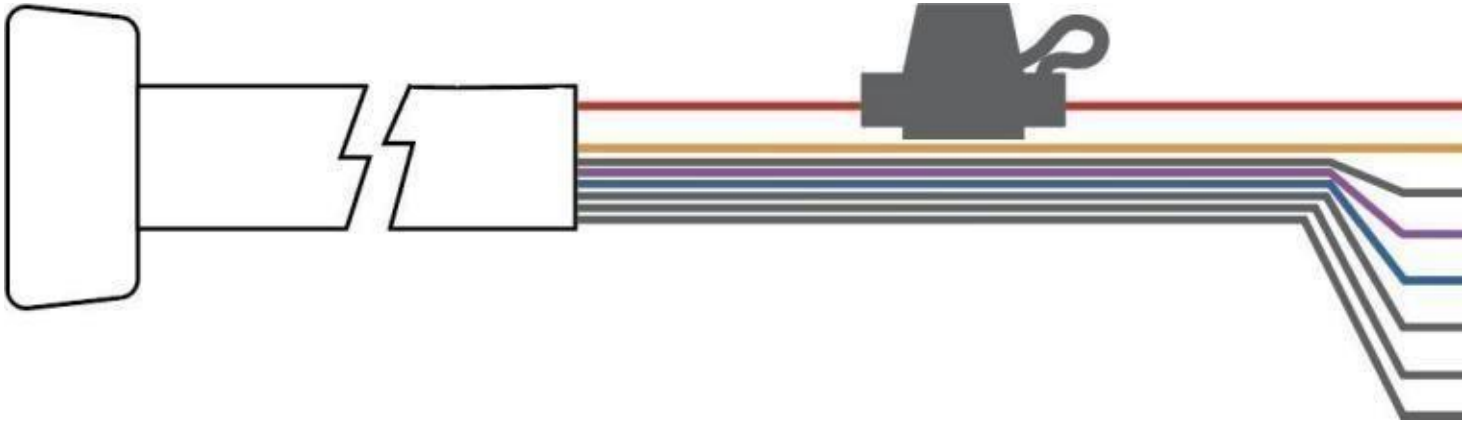
The wiring harness instructions

- There are 8 interfaces, including power positive, positive line, GND, 2 IO, 1 RS232 and 2 GND
- The power supply supports a 9-36V input
- IO _ IN supports 9-36V input
- IO_OUT support
- Red power in to full time power in vehicle, Black GND to ground, Orange ACC to key ACC.



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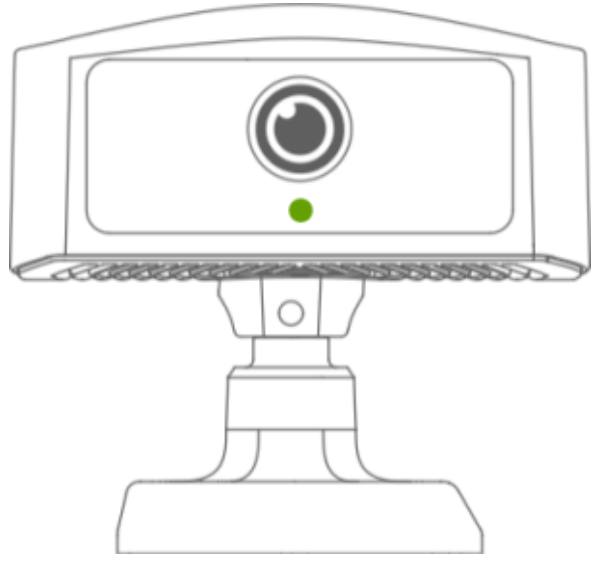
Description of the equipment indicator light



The light of a lamp	State
red	No TF card
red	TF card detection exception (read-only status, insufficient space, wrong

	format)
blue	With a TF card, and no SIM card
green	There are TF card, SIM card

APP operation instructions-Connect the equipment

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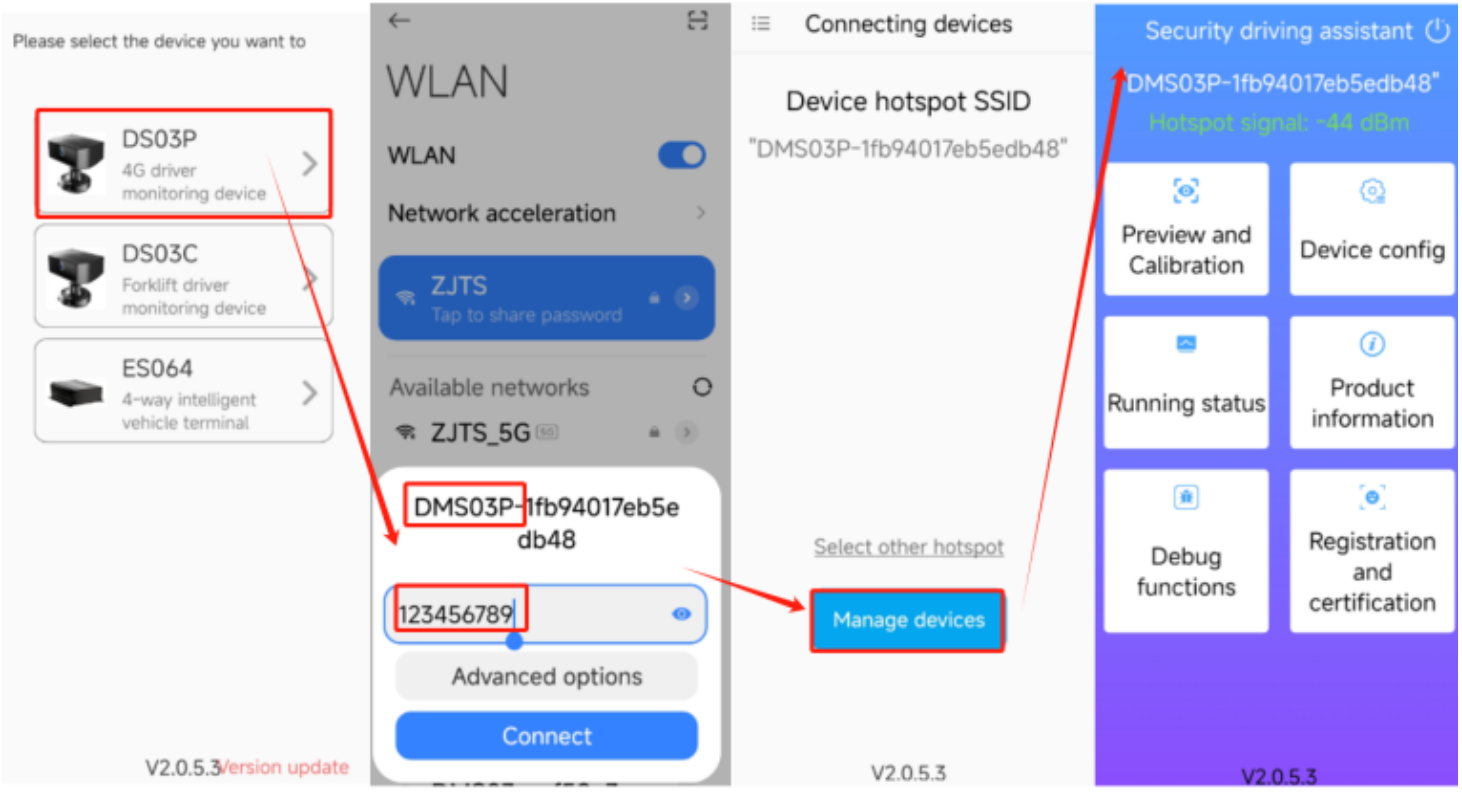
❶ Select the DS03P device

❷ Click the connection device button, select the SSID with DSM03P-**** and pass is 123456789.

❸ click the management device

❹ click the management device to enter the main APP interface



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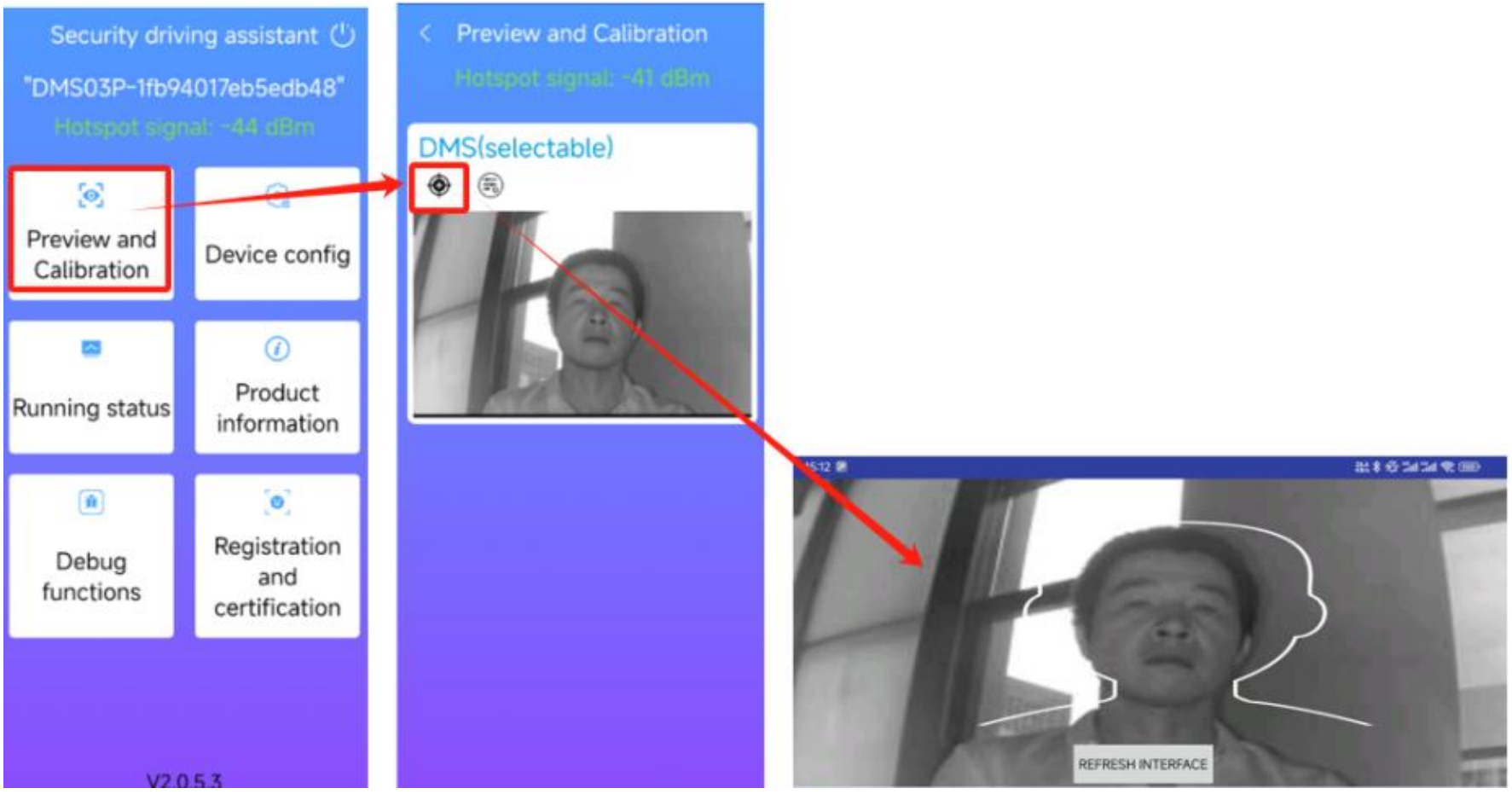
APP operating instructions-DMS preview and calibration

❶ Click on "Preview Calibration"

❷ Click on the pause press on the screen, view the DMS real-time screen

❸ Click the "Calibration button" to open it



APP operation instructions-ADAS preview calibration

❹Click the DMS parameter configuration button

❺ Click the list, view

❻ click the submit button, and modified parameters return to the App direct interface

❼ Click the restart button, and the modified parameters will take effect.

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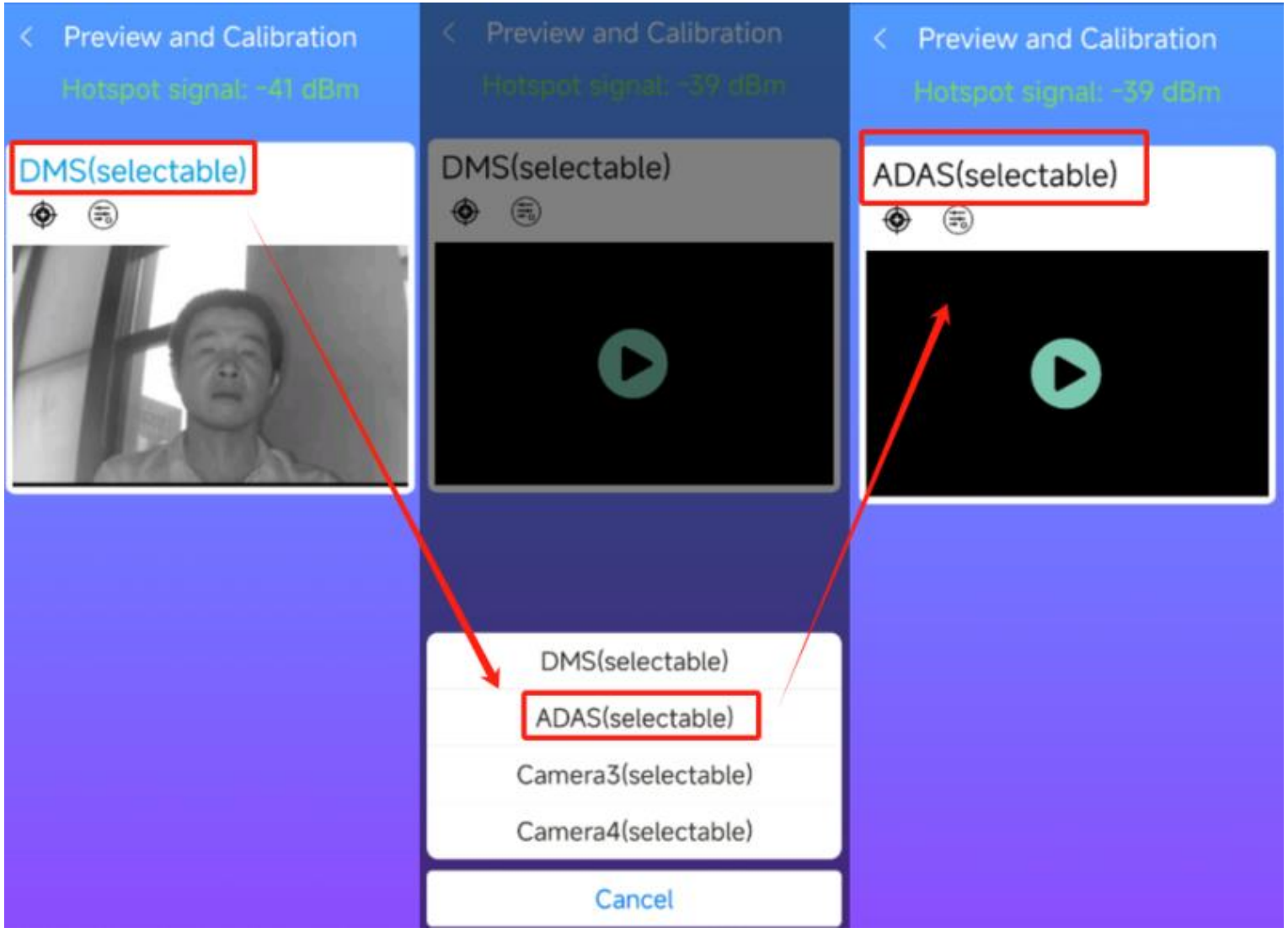
APP operation instructions-ADAS preview calibration

❶ Click on "DMS (selectable)" ❷ Select the ADAS (selectable) ❸ Click the DMS parameter configuration button



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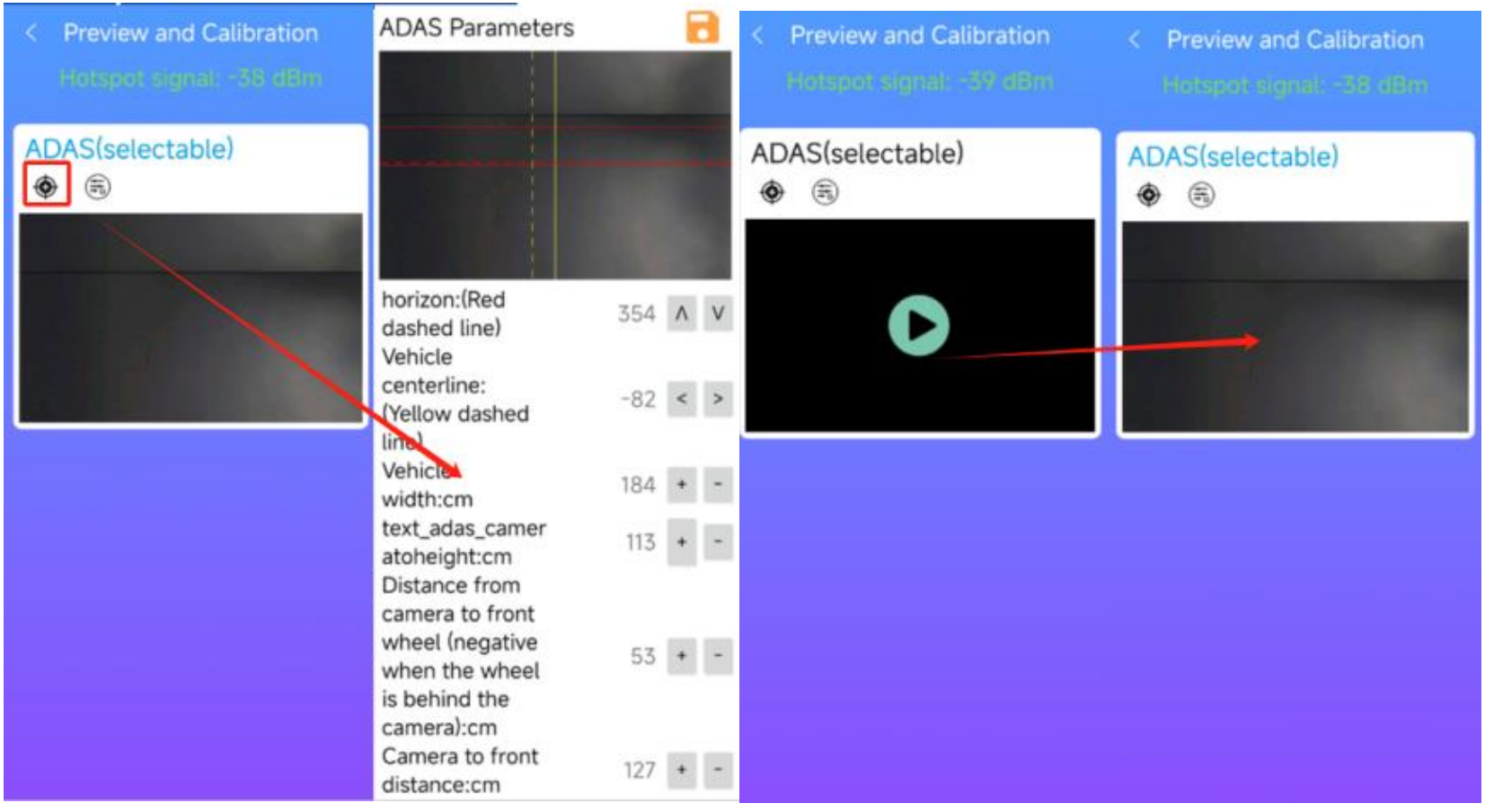
APP operation instructions-ADAS preview calibration

❹ Click on the "Calibration button",

Open the ADAS calibration interface

❺ Click on the pause button on the screen

View the ADAS real-time images

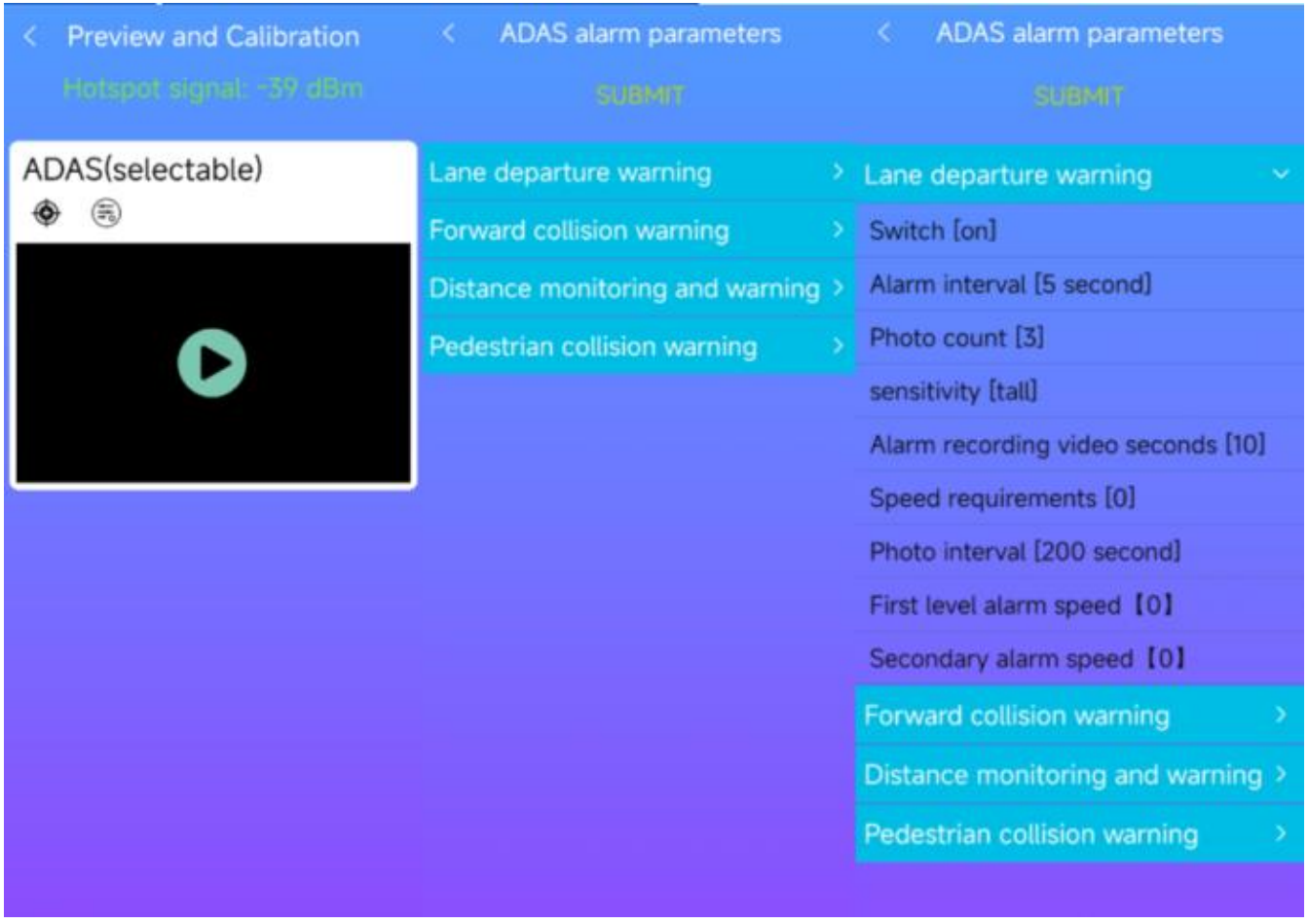


APP operation instructions-ADAS preview calibration

❻ Click the ADAS parameter configuration button❼ View the list of parameters and modify the parameters

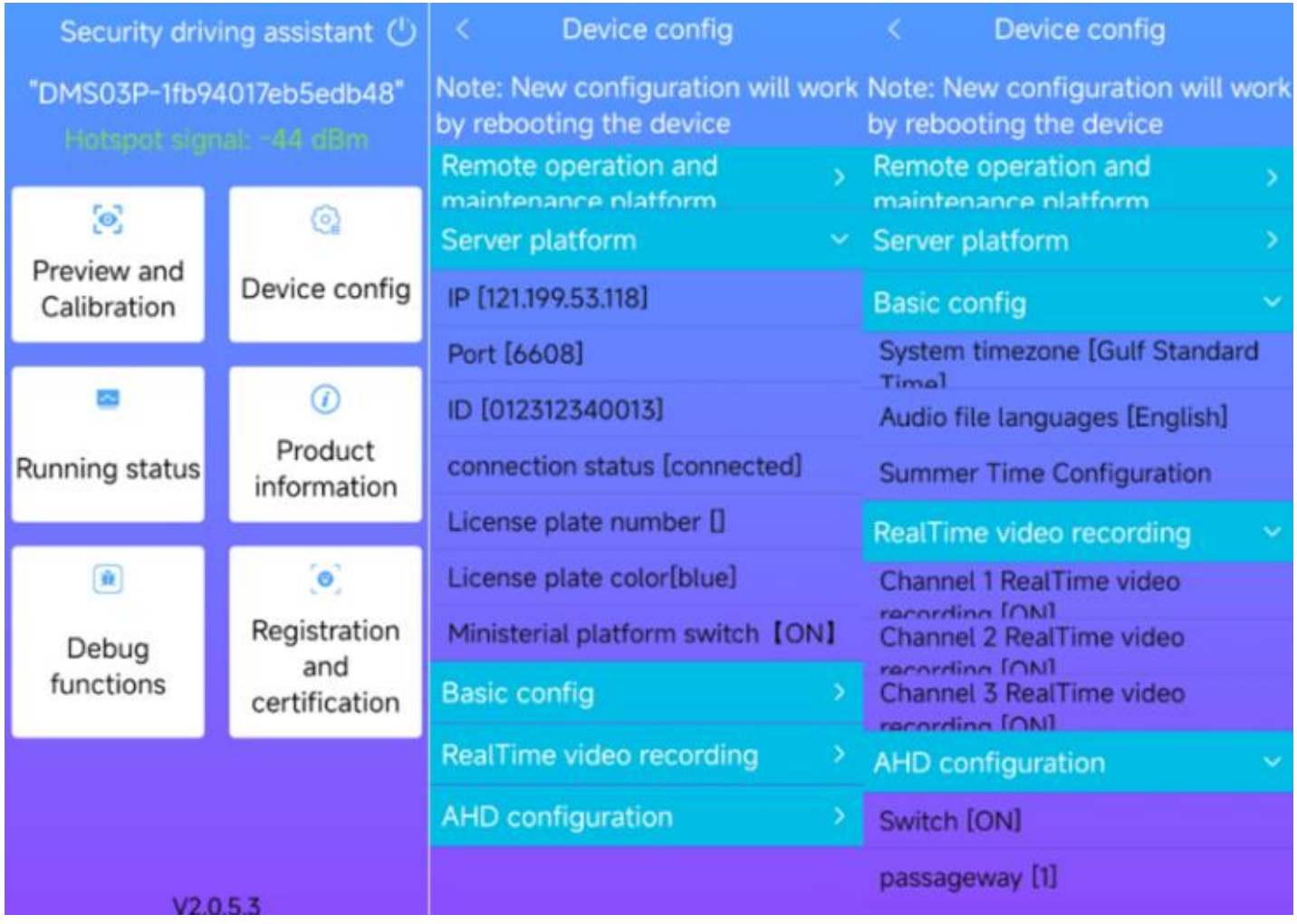
⚠ **Click the submit button, and the parameter modification takes effect after the restart.**

Change the DMS parameter effective method as above



APP operating instructions-Device configuration

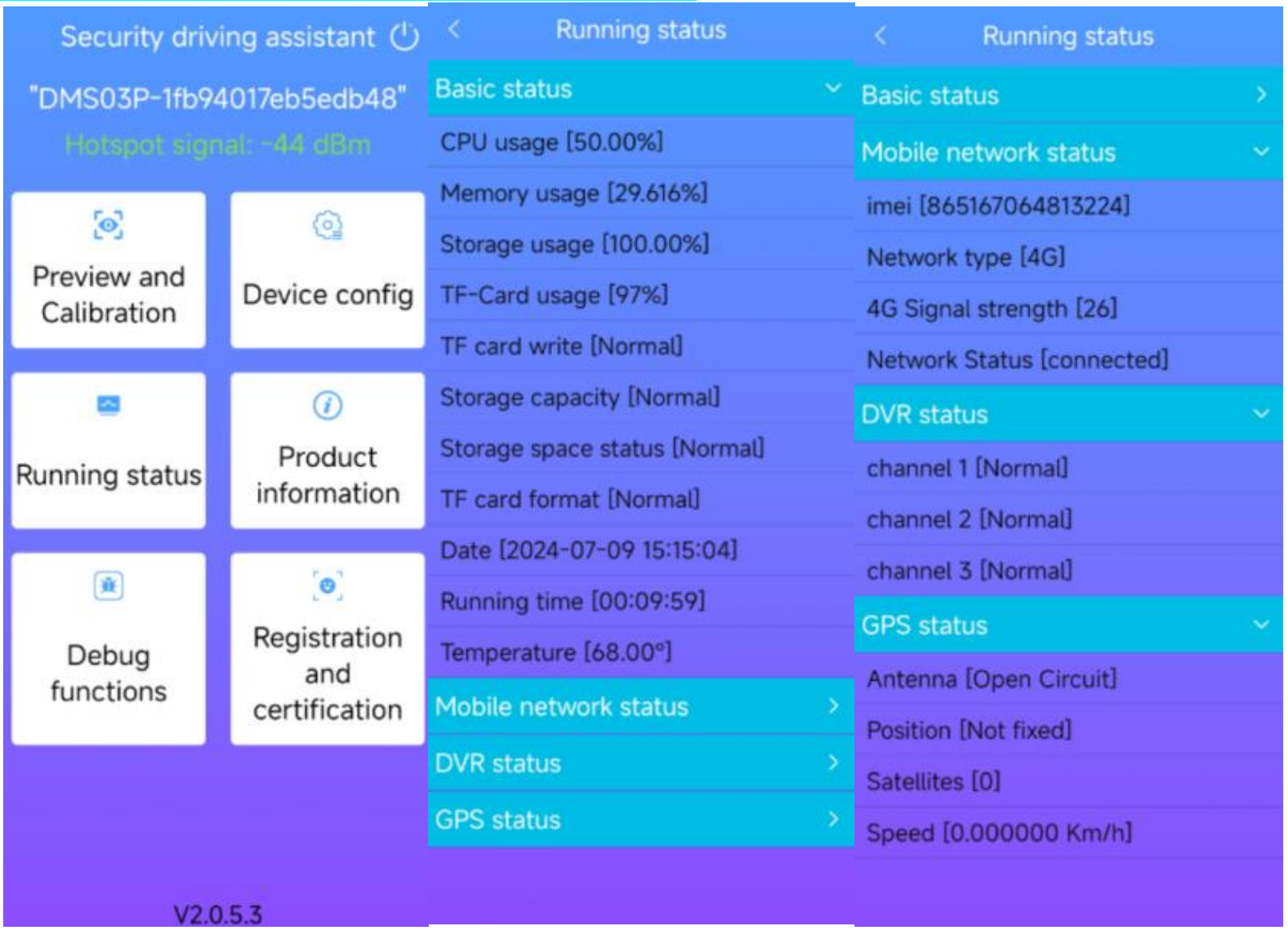
❶ Click "Device Configuration" to enter device configuration interface, to change the server connection information, basic setting and AHD channel configuration, video switch



APP operation instructions-Run status

❶ Click "Run status" to view

The TF card, mobile network, DVR, and GPS status



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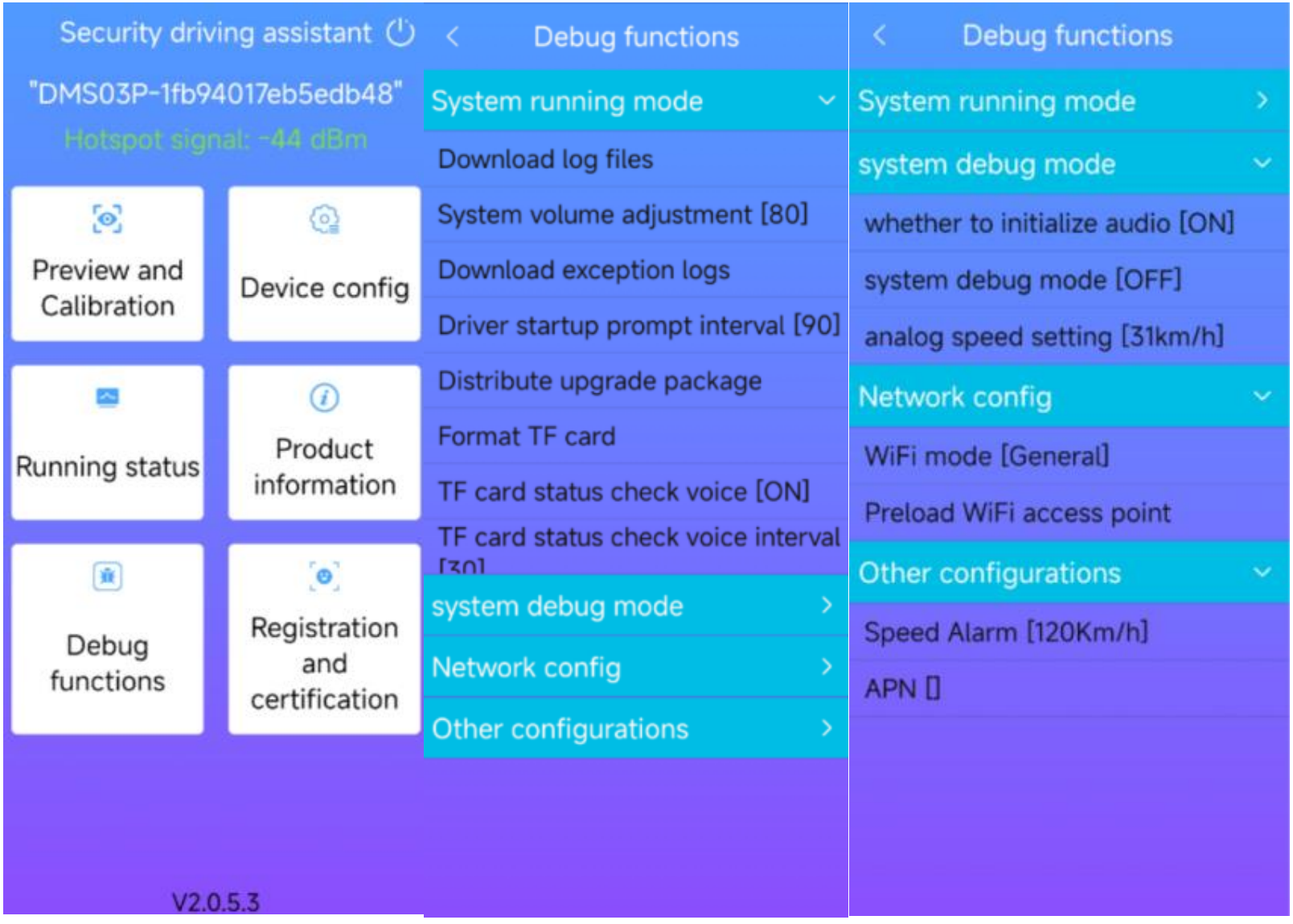
APP operating instructions-Product information

❶ Click on "Product Information" to view it

Product and equipment model number and network information

APP operation declaration-debugging facility

❶ Click on "Debug function",Download log file, adjust the volume and debug mode switch



APP operation declaration-Registration certification

❶ Click on "Registration and Certification"

❷ Click on the driver registration

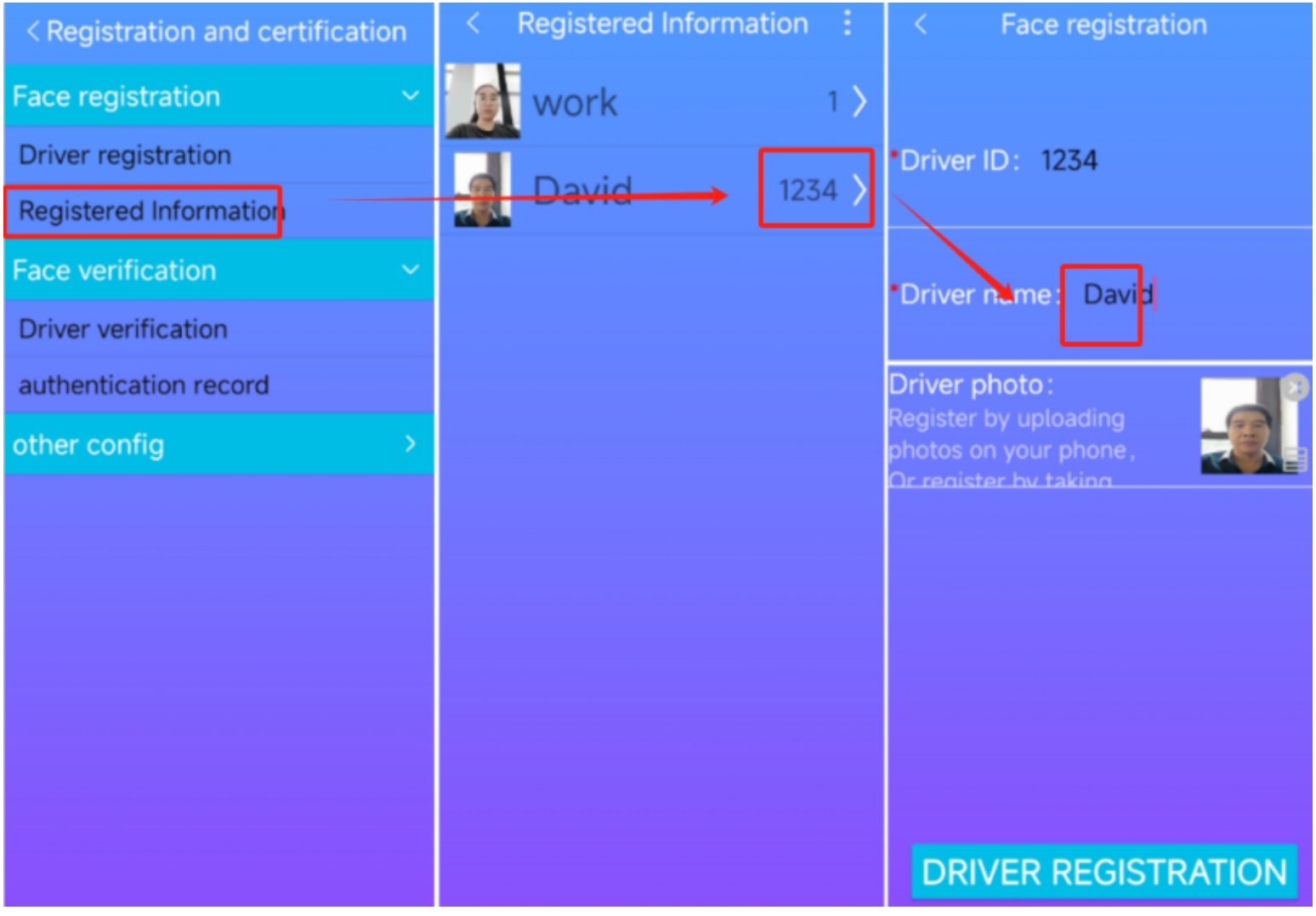
❸ Enter the relevant information for the registration⚠**Driver photos can be selected to upload photos or click the driver registration button to take a photo and register on the device**

APP operation declaration-Registration certification

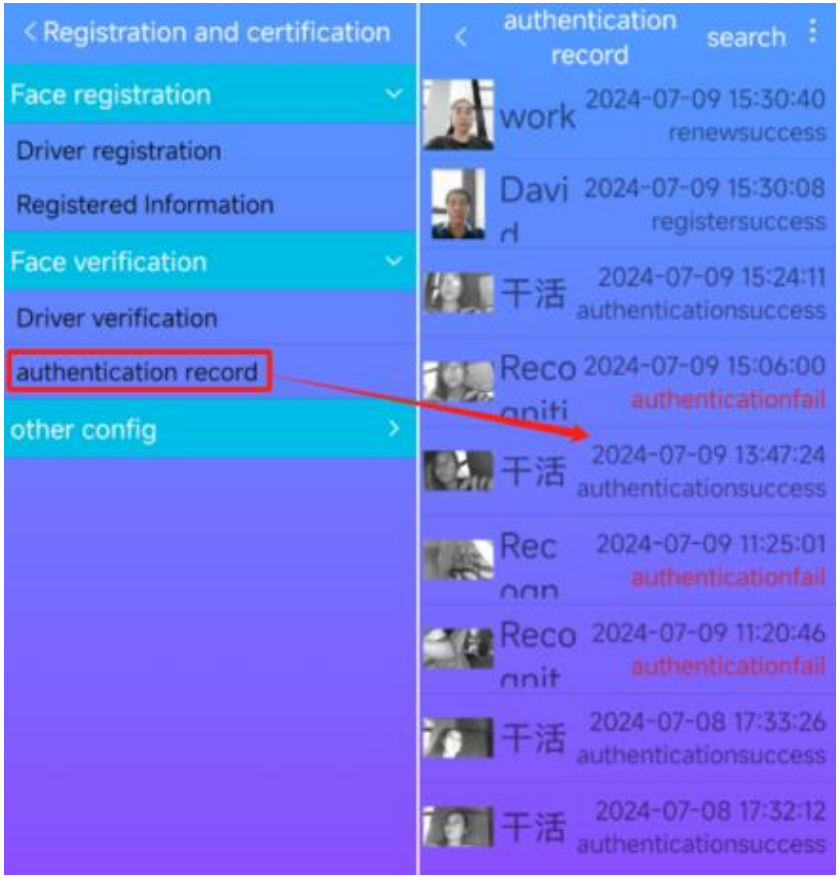
❹ Click on the registered information to view the registered driver

❺ Click on the driver

❻ Modify the driver



❼ Click on the authentication record to view the authentication record information



❽ Click on the grab picture record, and delete all the picture record.