

DS03P All-in-one Vehicle terminal

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

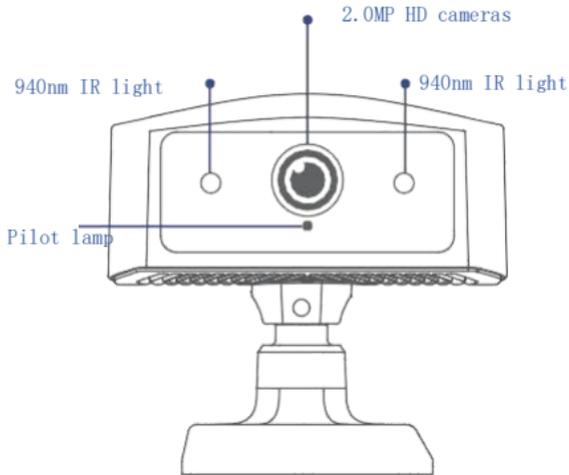
- DS03P car video terminal all-in-one, using professional camera real-time monitoring driver fatigue driving, call, yawning, smoking, look around and other driver abnormal driving behavior, and through serial port and a variety of types of car terminal connection, the driver abnormal driving behavior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

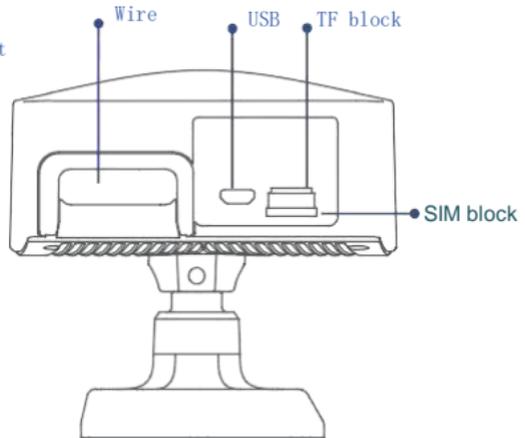


DS03P On-board video terminal all-in-one machine, support the driver face registration and verification. The equipment supports 9-36V wide voltage input, which can be used independently or as vehicle accessories for rental, bus, school bus, forklift and other vehicles. The equipment protection level 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



Product front



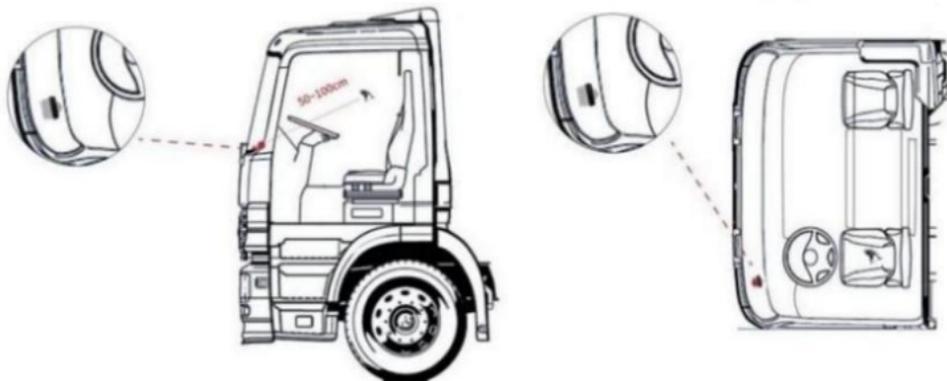
Product reverse

Datasheet of product

CPU	Quad core chip
camera	1080P
4G	Support all-netcom / global communication
GPS	GPS / Beidou / GLONASS, with accuracy <10m
infrared lamp	940nm
speaker	Built 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°C~+70°C
Storage temperature	-40°C~+85°C
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

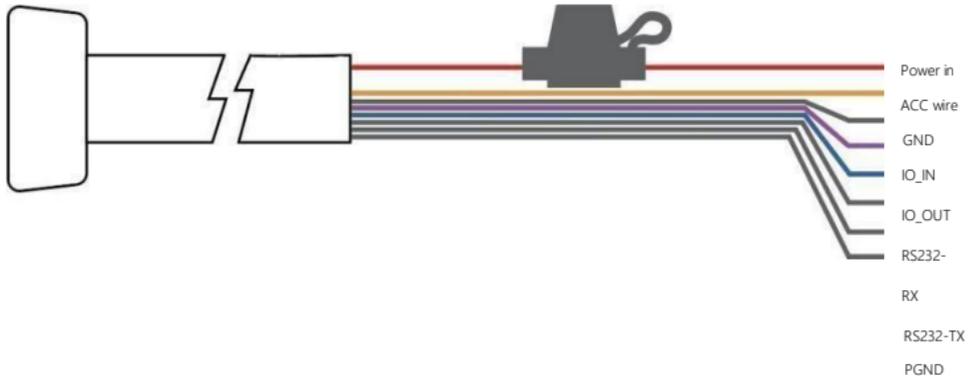
Installation site:

- 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.



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

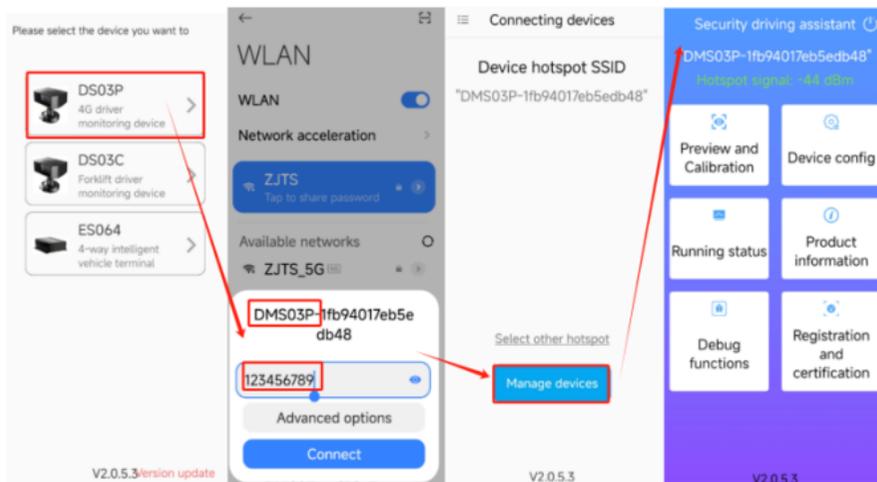


The light of a lamp	State
red	No TF card
red	TF card detection exception (read-only status, insufficient space, wrong

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

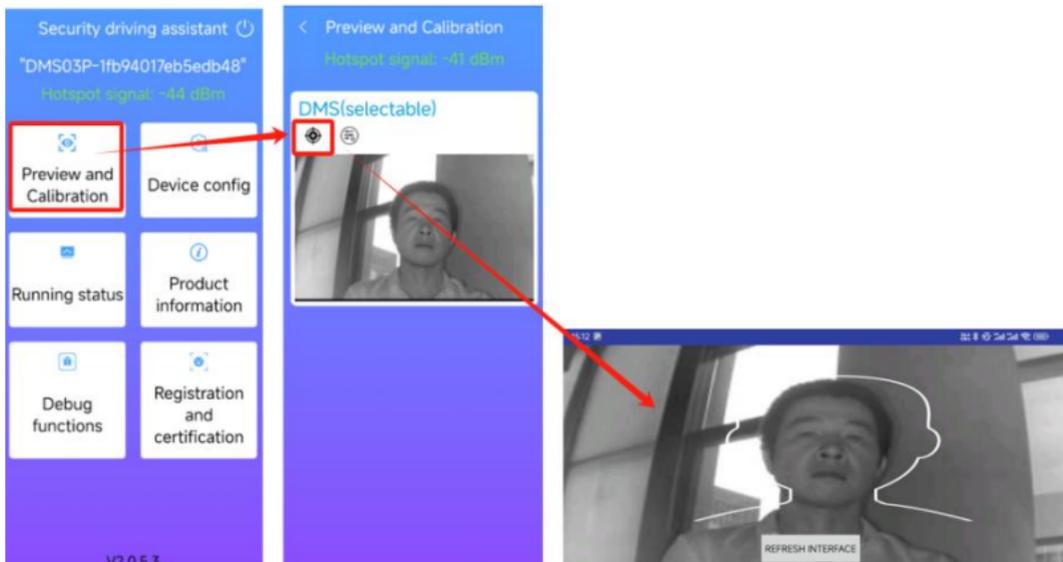
APP operation instructions-Connect the equipment

- 1 Select the DS03P device
- 2 Click the connection device button, select the SSID with DSM03P-**** and pass is 123456789.
- 3 click the management device
- 4 click the management device to enter the main APP interface



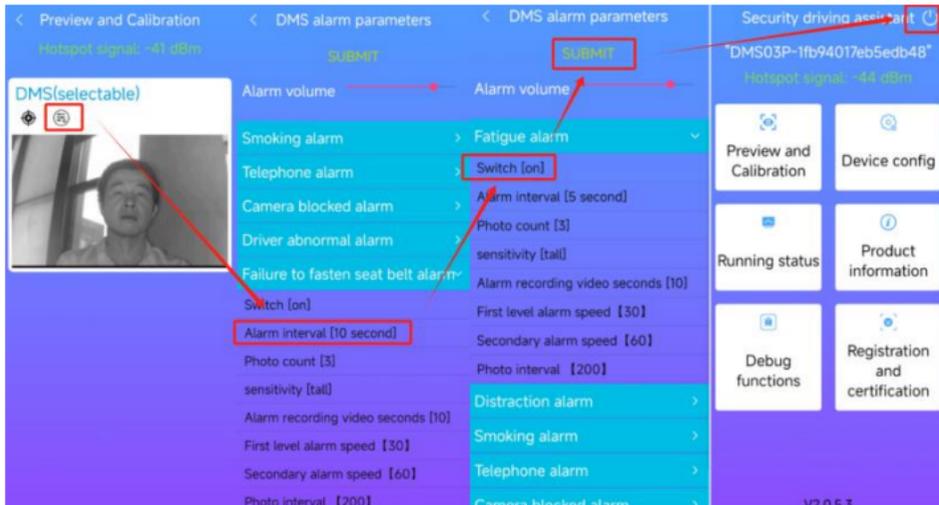
APP operating instructions-DMS preview and calibration

- 1 Click on "Preview Calibration"
- 2 Click on the pause press on the screen, view the DMS real-time screen
- 3 Click the "Calibration button" to open it



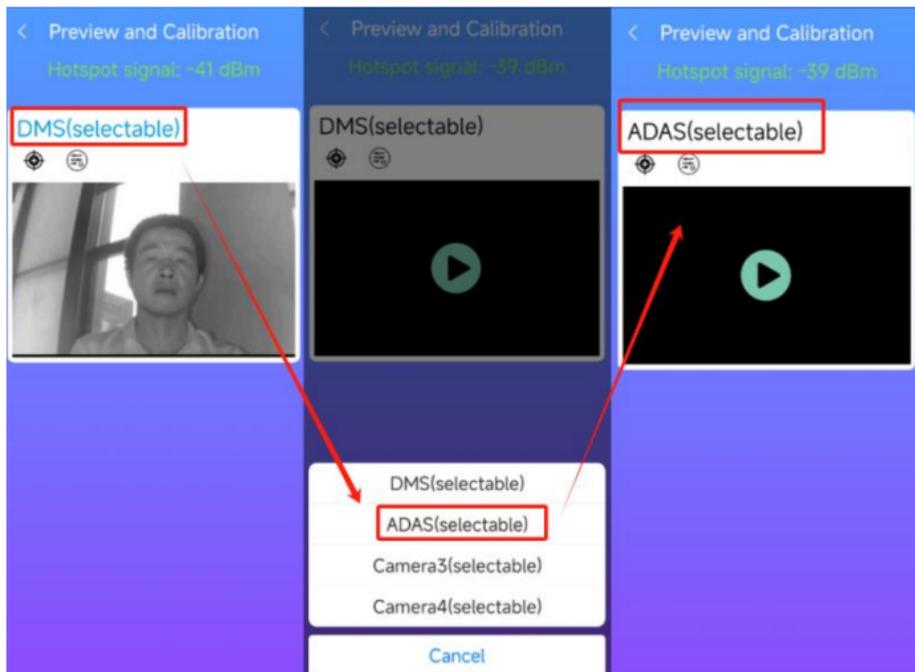
APP operation instructions-ADAS preview calibration

- 4 Click the DMS parameter configuration button
- 5 Click the list, view
- 6 click the submit button, and modified parameters return to the App direct interface
- 7 Click the restart button, and the modified parameters will take effect.



APP operation instructions-ADAS preview calibration

- 1 Click on "DMS (selectable)" parameter configuration button
 - 2 Select the ADAS (selectable)
 - 3 Click the DMS
- parameter configuration button



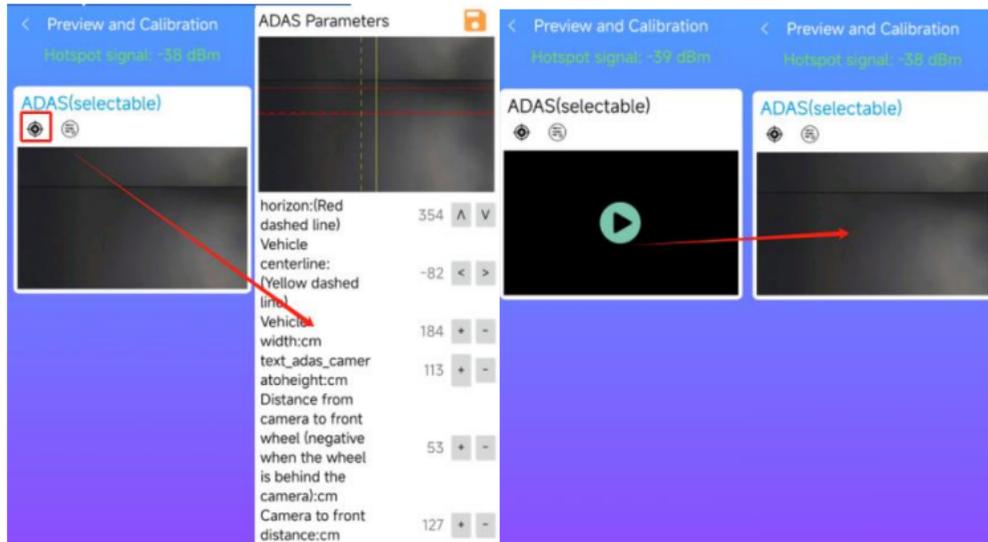
APP operation instructions-ADAS preview calibration

4 Click on the "Calibration button",

Open the ADAS calibration interface

5 Click on the pause button on the screen

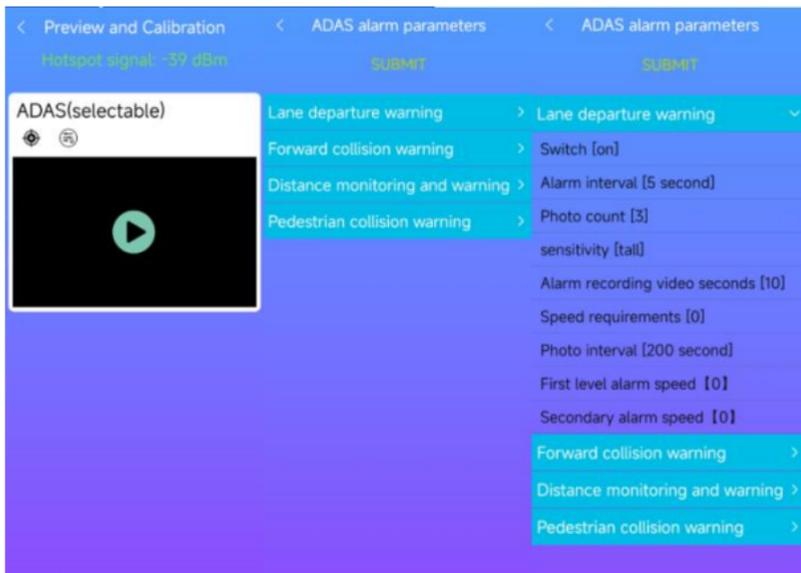
View the ADAS real-time images



APP operation instructions-ADAS preview calibration

6 Click the ADAS parameter configuration button 7 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



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

Security driving assistant		< Device config	< Device config
"DMS03P-1fb94017eb5edb48" Hotspot signal: -44 dBm		Note: New configuration will work by rebooting the device	Note: New configuration will work by rebooting the device
		Remote operation and maintenance platform >	Remote operation and maintenance platform >
Preview and Calibration	Device config	Server platform >	Server platform >
		IP [121.199.53.118]	Basic config >
Running status	Product information	Port [6608]	System timezone [Gulf Standard Time]
		ID [012312340013]	Audio file languages [English]
Debug functions	Registration and certification	connection status [connected]	Summer Time Configuration
V2.0.5.3		License plate number []	RealTime video recording >
		License plate color[blue]	Channel 1 RealTime video recording [ON]
		Ministerial platform switch [ON]	Channel 2 RealTime video recording [ON]
		Basic config >	Channel 3 RealTime video recording [ON]
		RealTime video recording >	AHD configuration >
		AHD configuration >	Switch [ON]
			passageway [1]

APP operation instructions-Run status

1 Click "Run status" to view

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

The screenshot displays the 'Running status' application interface. At the top, it shows the user's name 'Security driving assistant' and the device ID 'DMS03P-1fb94017eb5edb48'. Below this, there are several menu options: 'Preview and Calibration', 'Device config', 'Running status', 'Product information', 'Debug functions', and 'Registration and certification'. The 'Running status' menu is selected, showing a list of system metrics: CPU usage [50.00%], Memory usage [29.616%], Storage usage [100.00%], TF-Card usage [97%], TF card write [Normal], Storage capacity [Normal], Storage space status [Normal], TF card format [Normal], Date [2024-07-09 15:15:04], Running time [00:09:59], Temperature [68.00°], Mobile network status, DVR status, and GPS status. Each of these items has a right-pointing arrow indicating further details. The 'Mobile network status', 'DVR status', and 'GPS status' items are highlighted in red. The 'GPS status' item is also expanded, showing 'Antenna [Open Circuit]', 'Position [Not fixed]', 'Satellites [0]', and 'Speed [0.000000 Km/h]'.

Category	Item	Status/Value
System Info	Security driving assistant	Running status
System Info	"DMS03P-1fb94017eb5edb48"	Running status
System Info	Hotspot signal	-44 dBm
System Info	CPU usage	[50.00%]
System Info	Memory usage	[29.616%]
System Info	Storage usage	[100.00%]
System Info	TF-Card usage	[97%]
System Info	TF card write	[Normal]
System Info	Storage capacity	[Normal]
System Info	Storage space status	[Normal]
System Info	TF card format	[Normal]
System Info	Date	[2024-07-09 15:15:04]
System Info	Running time	[00:09:59]
System Info	Temperature	[68.00°]
System Info	Mobile network status	[Status]
System Info	DVR status	[Status]
System Info	GPS status	[Status]
GPS Details	Antenna	[Open Circuit]
GPS Details	Position	[Not fixed]
GPS Details	Satellites	[0]
GPS Details	Speed	[0.000000 Km/h]

APP operating instructions-Product information

1 Click on "Product Information" to view it

Product and equipment model number and network information

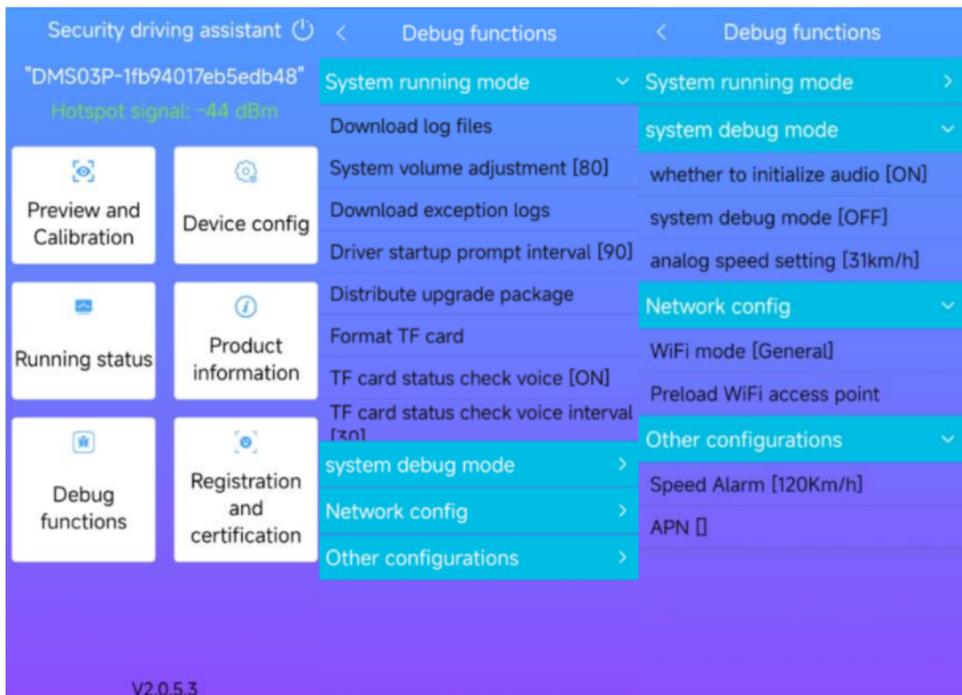
Security driving assistant < Product information

"DMS03P-1fb94017eb5edb48"
Hotspot signal: -44 dBm

Preview and Calibration	Device config	Basic information
		Model [DMS03P]
		Application version [0.4.20]
		Firmware version [2024-07-3 10:00:17]
		Network information
		ICCID [nul]
		IMEI [865167064813224]
		4G modem [FC200MCNGBR06403M0R1]
Running status	Product information	
Debug functions	Registration and certification	

V2.0.5.3

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



- 1 Click on "Registration and Certification"
- 2 Click on the driver registration
- 3 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

< Registration and certification < Registration and certification < Face registration

Face registration > Face registration v

Face verification > Driver registration *Driver ID: David

other config > Registered Information

Face verification > *Driver name: 1234

other config >

Driver photo: Register by uploading photos on your phone, Or register by taking

DRIVER REGISTRATION

4 Click on the registered information to view the registered driver

5 Click on the driver

6 Modify the driver

The image displays three sequential screenshots of an application interface for driver registration and management.

- First Screenshot:** Shows the 'Registration and certification' menu. The 'Registered Information' option is highlighted with a red box. A red arrow points from this option to the second screenshot.
- Second Screenshot:** Shows the 'Registered Information' screen with a list of drivers. The driver 'David' with ID '1234' is highlighted with a red box. A red arrow points from this entry to the third screenshot.
- Third Screenshot:** Shows the 'Face registration' screen for driver 'David'. The 'Driver ID: 1234' and 'Driver name: David' fields are highlighted with red boxes. A red arrow points from the 'Driver name' field to the 'DRIVER REGISTRATION' button at the bottom of the screen.

APP operation declaration-Registration certification

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

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

