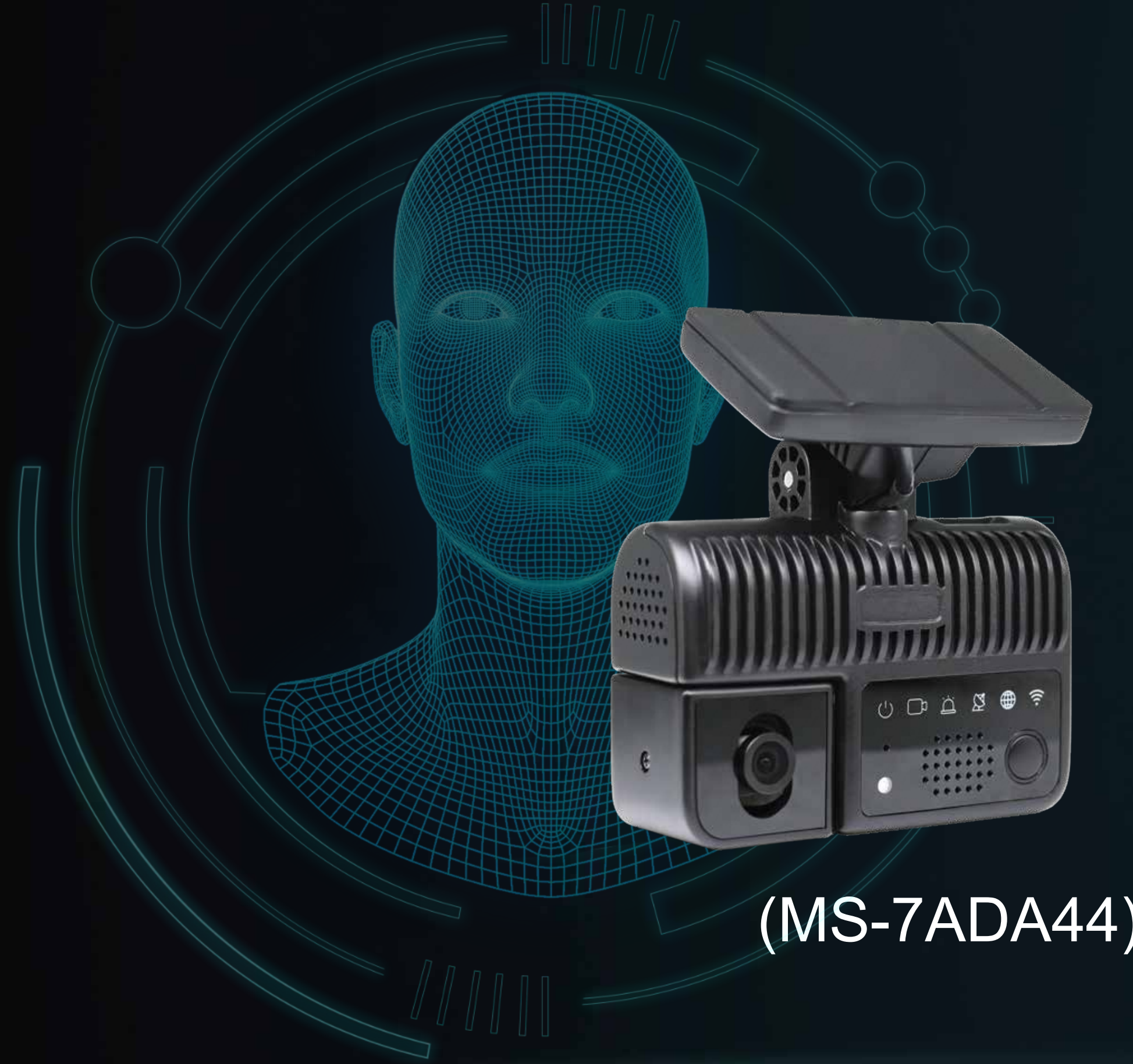


MoviSight



(MS-7ADA44)

AI Dashcam

Avoiding accidents with the help of AI dashcam

Studies show that

74% of accidents are caused by drivers' carelessness

Sending warnings 1.5s in advance can reduce rear-end collisions by **90%**

And with the help of AI dashcam installed on the windshield in front of the vehicle, it can achieve real-time vehicle driving monitoring.



MoviSight



The ADAS system will send alarms 2 seconds in advance when a vehicle is likely to collide with the front. If the approaching danger distance is less than 0.8 seconds, it will give sharp alarms and pop up message windows on the displayer for warning. When a vehicle deviates from its route, it will also send alerts and display the lane lines in the corresponding direction.

When drivers have any abnormal driving behaviors (fatigue, distraction, smoking, talking on the phone, yawning, no driver and no mask), it will send out audible and visual alerts.



AI dashcam with audio and visual warnings can **increase driver's alertness, and avoid car accidents effectively**

MoviSight



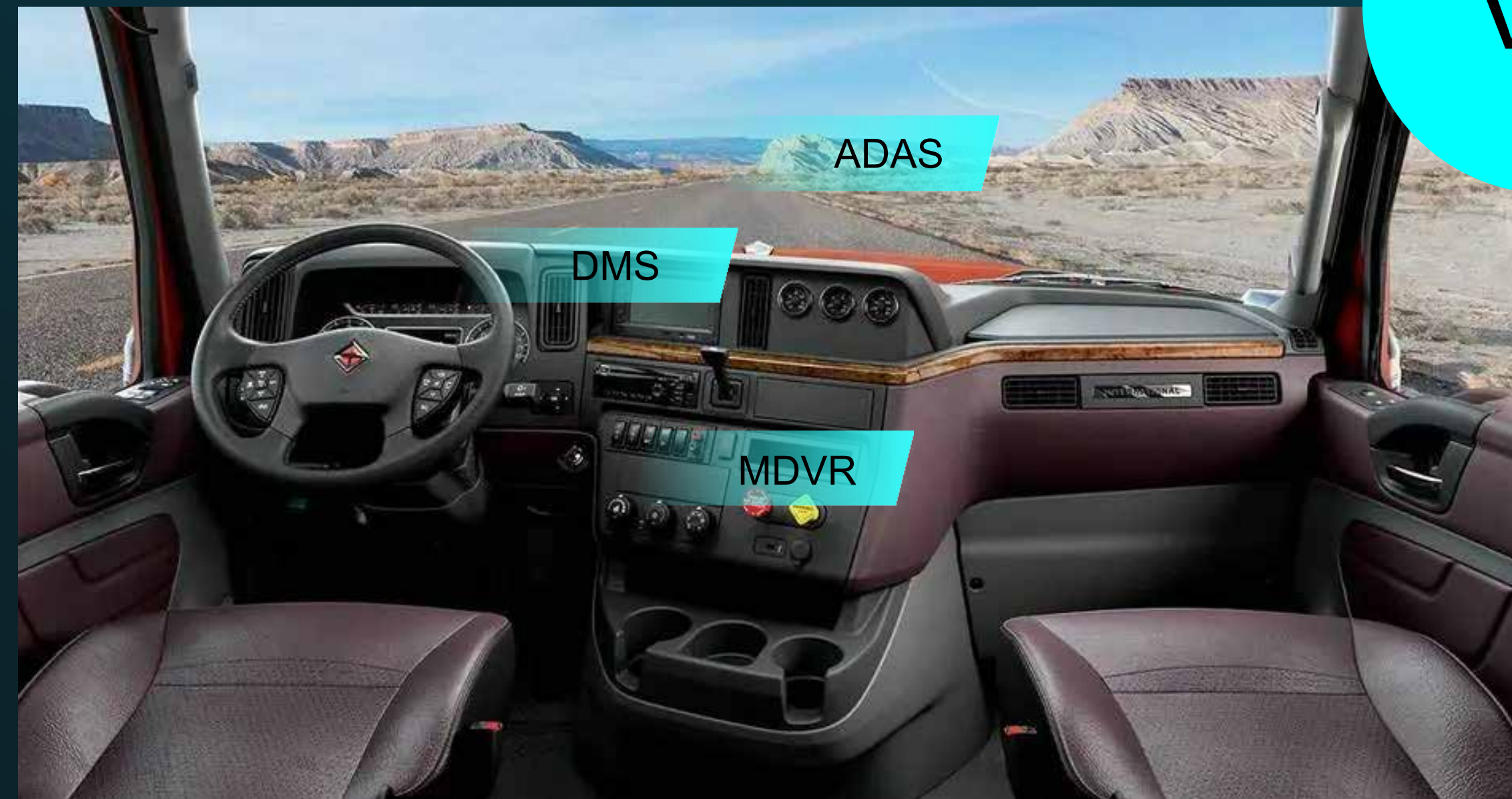
Our AI dashcam can solve the above pain points

Our AI dashcam provide the latest and most advanced solutions, the best in this industry.

All-in-one design, fully function

With built-in 4G/WiFi/GPS antenna, front view/DMS camera.

Conventional Solutions



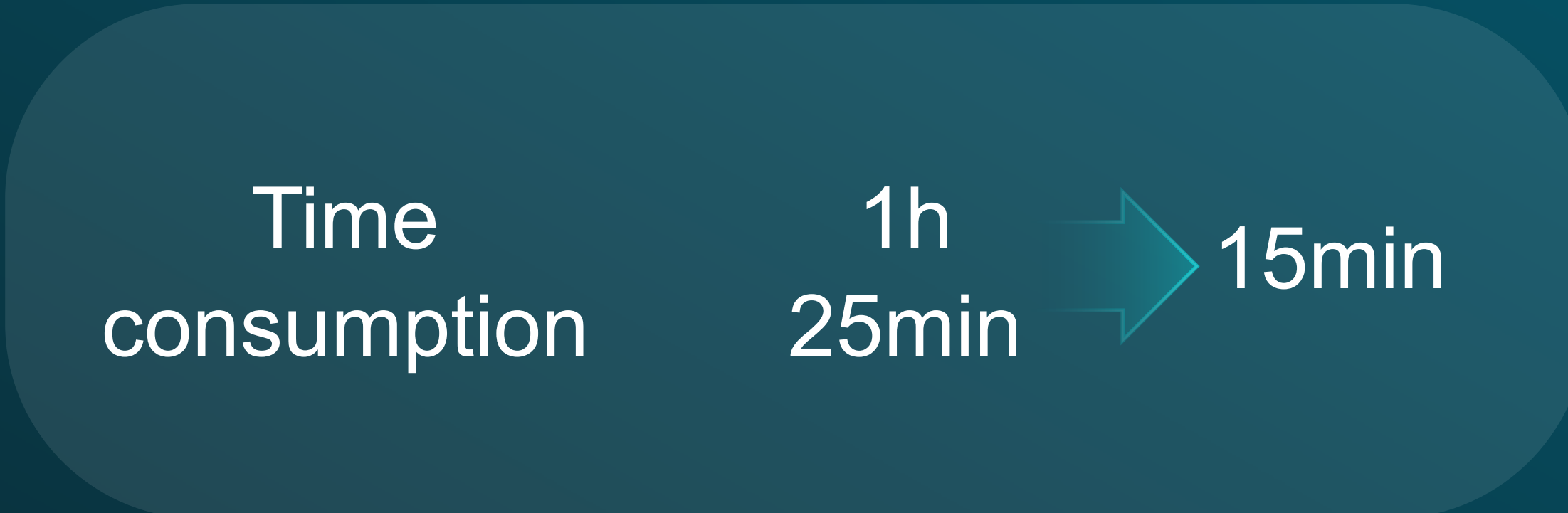
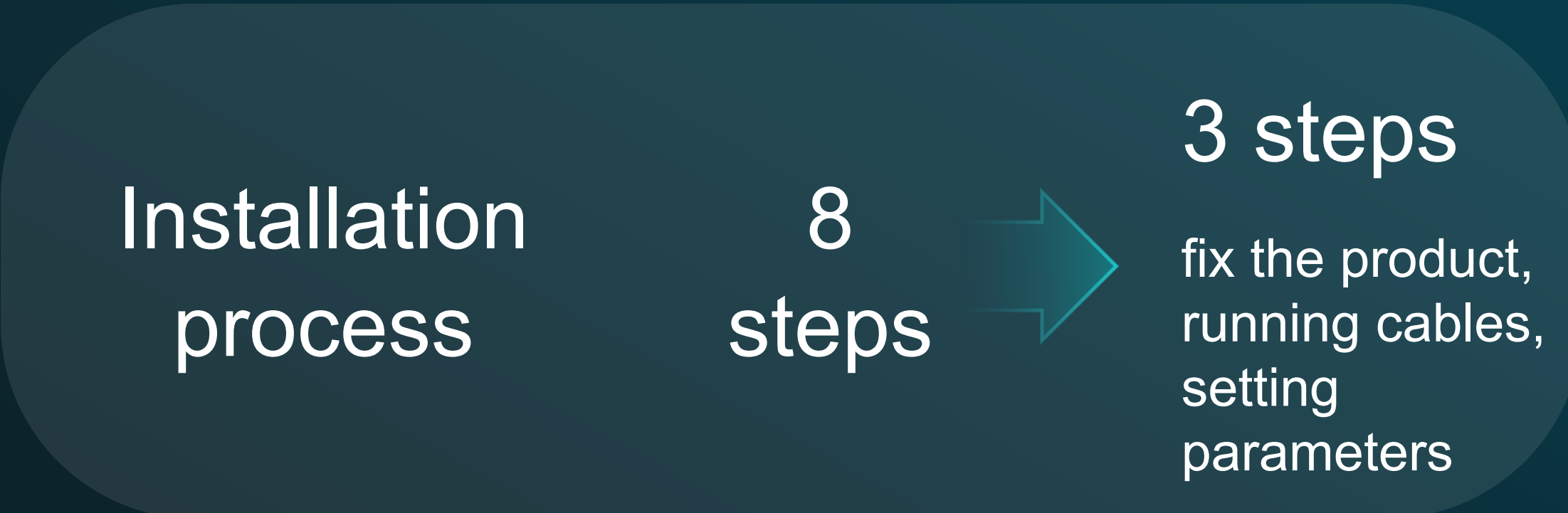
AI Dashcam Solution



One-step sticking, easy installation

Compact and beautiful, one-step installation, money-saving and labor-saving.

Cost ↓ 82%



(Noted: 15min refer to skilled cases)

No WDR



with WDR



VS



Built-in 2K front view camera,
support WDR for best
image effects

Support WDR, professional debugging, testing, excellent
day and night effect, industry leading, clear images



Built-in 2K front view camera

MoviSight



ADAS Camera



Front view camera support ADAS algorithm

Support forward collision warning (FCW), lane departure warning (LDW), pedestrian detection (PD), speed limit sign recognition (SSR), stop sign and other traffic signs recognition. Support multi-language voice alerts and custom-made AI Algorithm.



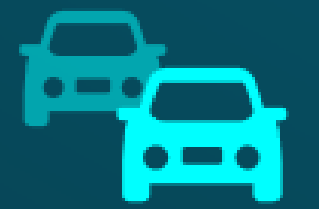
Lane Departure Warning



Forward Collision Warning



Pedestrian Detection Warning



Front Vehicle Start Warning



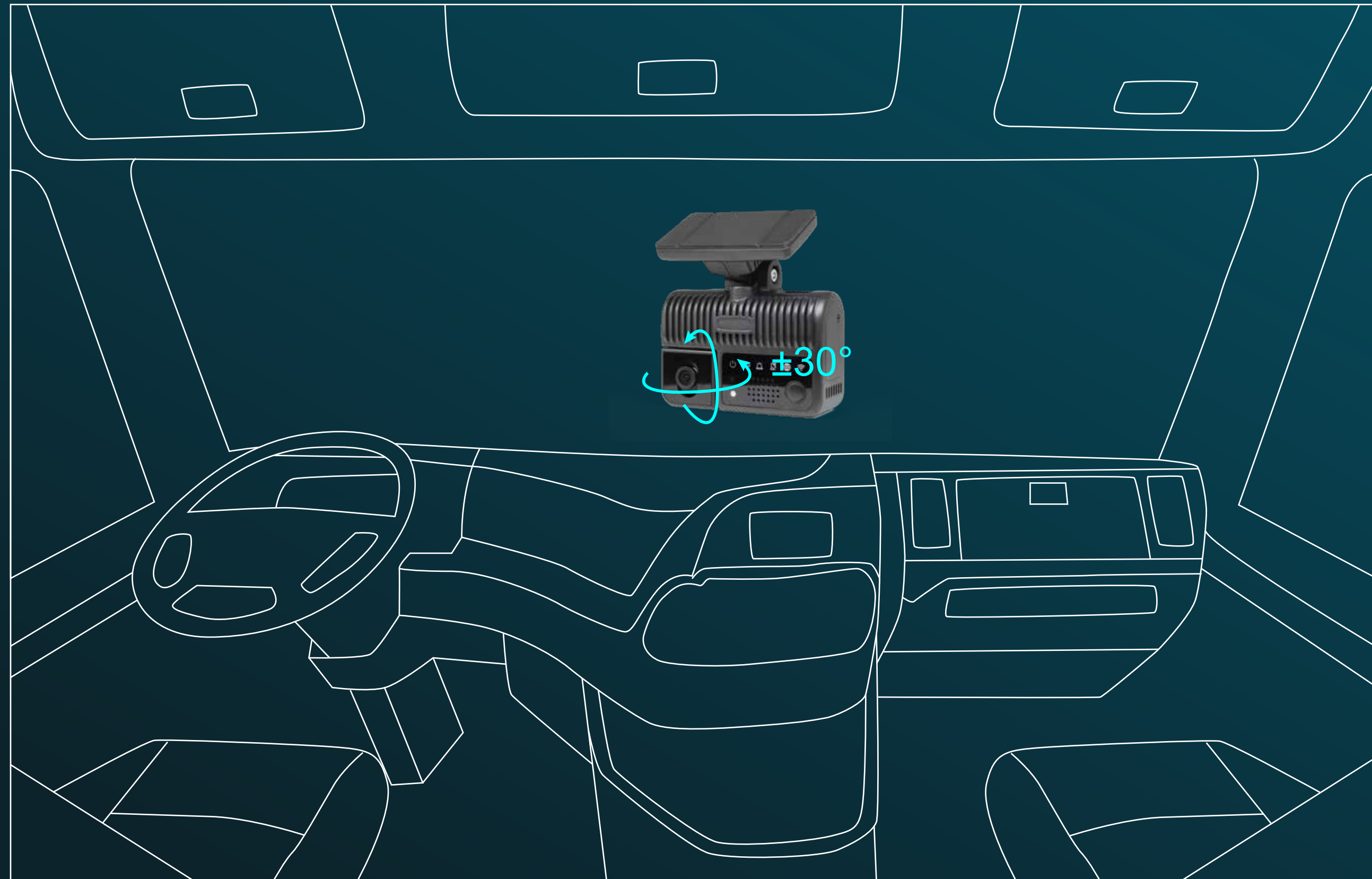
Traffic Sign Recognition



Speed Limit Sign Recognition



Stop Sign Recognition



Flexible angle adjustment, wide range of applications

Support up-down, left-right dual-axis rotation, driver fatigue monitoring. This AI dashcam can be seen as a big breakthrough in this industry.

MoviSight

The In-cabin camera support DMS AI algorithm



DASHCAM

DMS Camera

(Fatigue, distraction, smoking, making phone calls, no mask, no driver, FACEID face identification, not wearing seat belts, camera blocking, etc.)

Support multi-language voice alerts and seat vibration alerts, support custom-made AI Algorithm.



Fatigue



Distraction



Yawning



Making phone calls



Smoking



Wearing Infra-red blocking eyeglasses



No mask



FACEID face identification



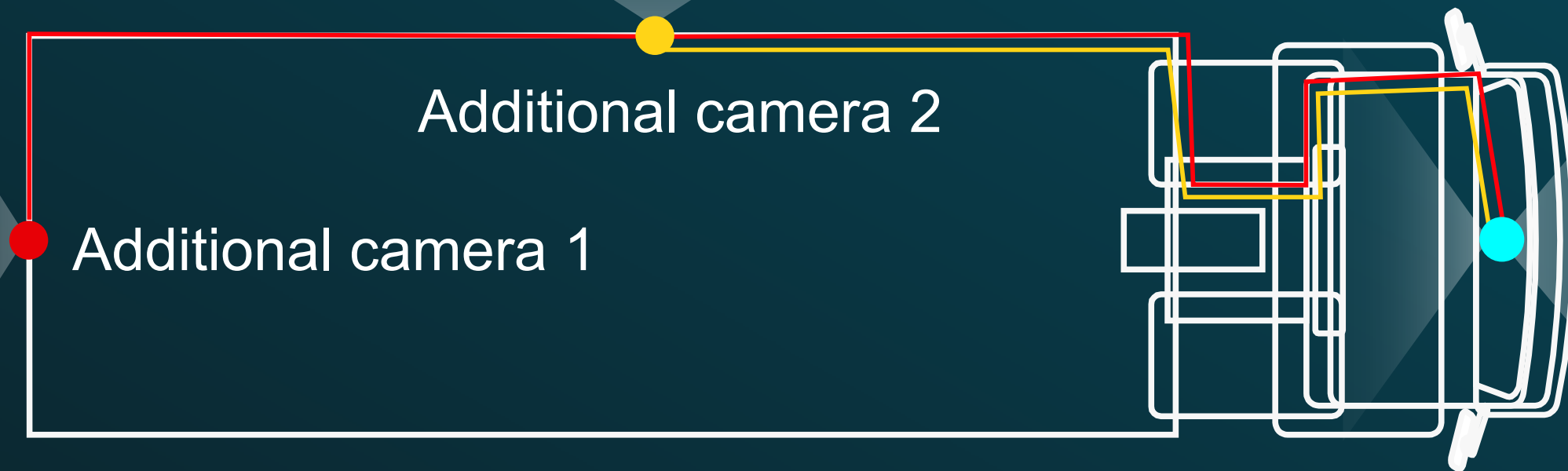
No driver



Camera blocking



Not wearing seat belts



Support 4-channel additional camera

Support 2-4 channel additional cameras, available for left, right and rear view monitoring, no need for an extra control box.

Dual card high-capacity storage, up to 2 x 512GB

H.265/H264 video encoding recording, video recording up to 266Hrs (2 channel), support HD SD dual stream, screenshots, etc.



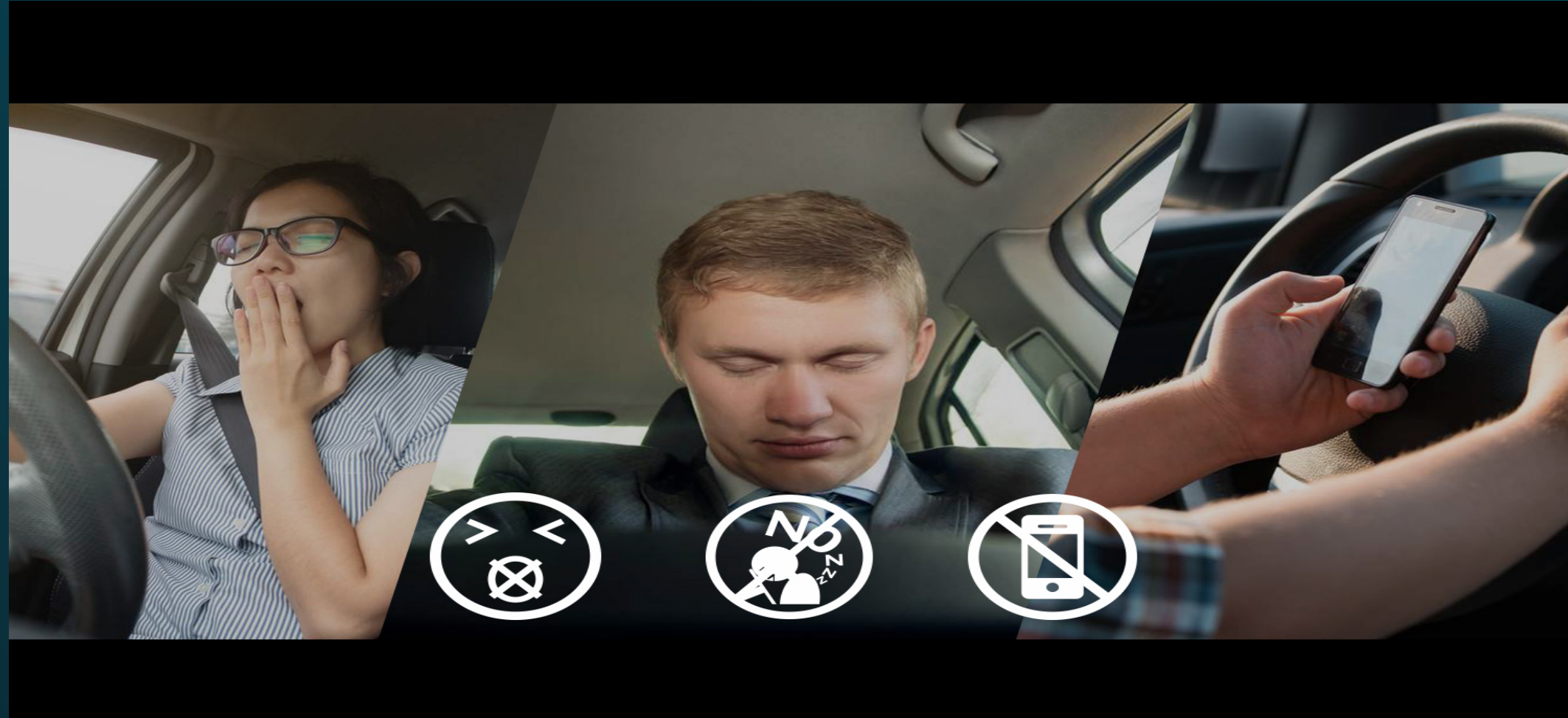
Support various alarm recordings

Motion-triggered recording, G-sensor triggered recording, Over-speed triggered recording, 6-channel customized alarm input triggered recording, Line controller control triggered recording, All-function DMS/ ADAS/ BSD alarming, and all of these can be done 15s in advance.

The screenshot displays the MoviSight CMS Client interface, version 2.5.4.78. The interface is divided into several sections:

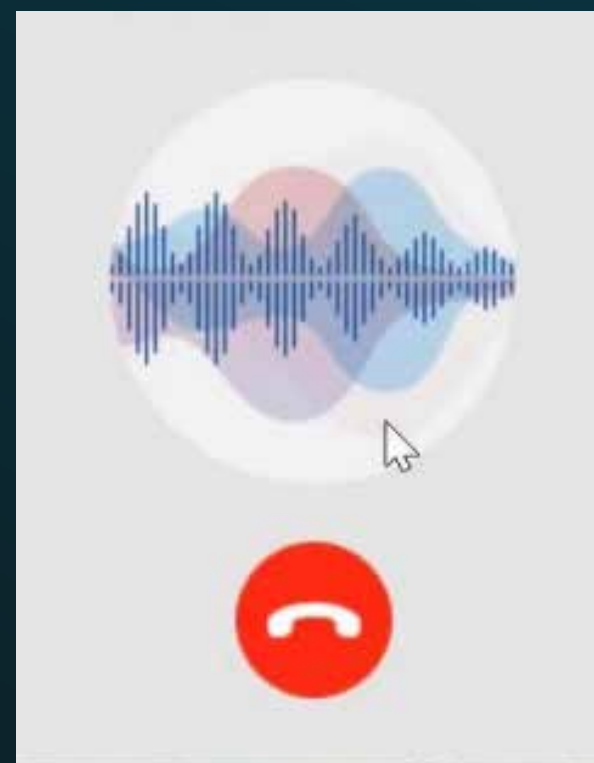
- Query Type:** Includes options for Log, Alarm, On&Offline, and Operator.
- Search Filters:** Fields for Device (555555-454-00023(211009000)), Start Time (2022-03-17 0:00:00), and End Time (2022-03-17 23:59:59). Buttons for Search and Export Excel are present.
- Alarm Type Selection:** A dropdown menu is open, showing options like all alarm info, motion, speed, qsensor, temperature, alarm1, alarm2, alarm3, alarm4, and reverse.
- Table of Alarm Recordings:**

Alarm	Type	Speed	Longitude	Latitude	Event ID	Video ID	Content
20220316...	bsd Passer...	0	0.000000	0.000000	8344628e...	8344628e...	
20220316...	motion	0	0.000000	0.000000	6cd0db15...	6cd0db15...	
20220316...	motion	0	0.000000	0.000000	d8eee816...	d8eee816...	
20220316...	motion	0	0.000000	0.000000	37f37e6d...	37f37e6d...	
20220316...	motion	0	0.000000	0.000000	2edb2f59...	2edb2f59...	
20220316...	motion	0	0.000000	0.000000	7db9aaf0...	7db9aaf0...	
20220316...	motion	0	0.000000	0.000000	aadd27b7...	aadd27b7...	
20220316...	motion	0	0.000000	0.000000	ca7c3000...	ca7c3000...	
20220316...	motion	0	0.000000	0.000000	5bb02a90...	5bb02a90...	
20220316...	motion	0	0.000000	0.000000	576e7d34...	576e7d34...	
20220316...	motion	0	0.000000	0.000000	83b67afa...	83b67afa...	
20220316...	motion	0	0.000000	0.000000	b7b6a3d9...	b7b6a3d9...	
20220316...	motion	0	0.000000	0.000000	dfe4e22f...	dfe4e22f...	
20220316...	motion	0	0.000000	0.000000	c123d34b...	c123d34b...	
20220316...	motion	0	0.000000	0.000000	dcf58cda...	dcf58cda...	
- Configuration Panel:** A modal window titled "Configuration - 555555-454-00019" is open, showing settings for Record, Display, Network, and System. Options include Power On Rec, Cyclic Rec, Event Rec, Video Quality, Record Channel, Record Audio, Event Duration, File Length, Motion Sensitivity, G-Force Sensitivity, File Type, and IPC. Buttons for Refresh and SetConfig are visible.
- Map:** A map view on the right side shows the location of the device, with a popup displaying details: Device ID 2110090001, Device Type DV454, Speed 0 km/h, Time 2022-03-12 12:25:00, Position 113.382629,23.12234, Address not found, Status LAN, GPS Normal.
- Device Information:** A table at the bottom left shows details for the selected device: Vehicle 555555-454, Device ID 2110090001, ScanCode 555555-454, Device Type DV454.



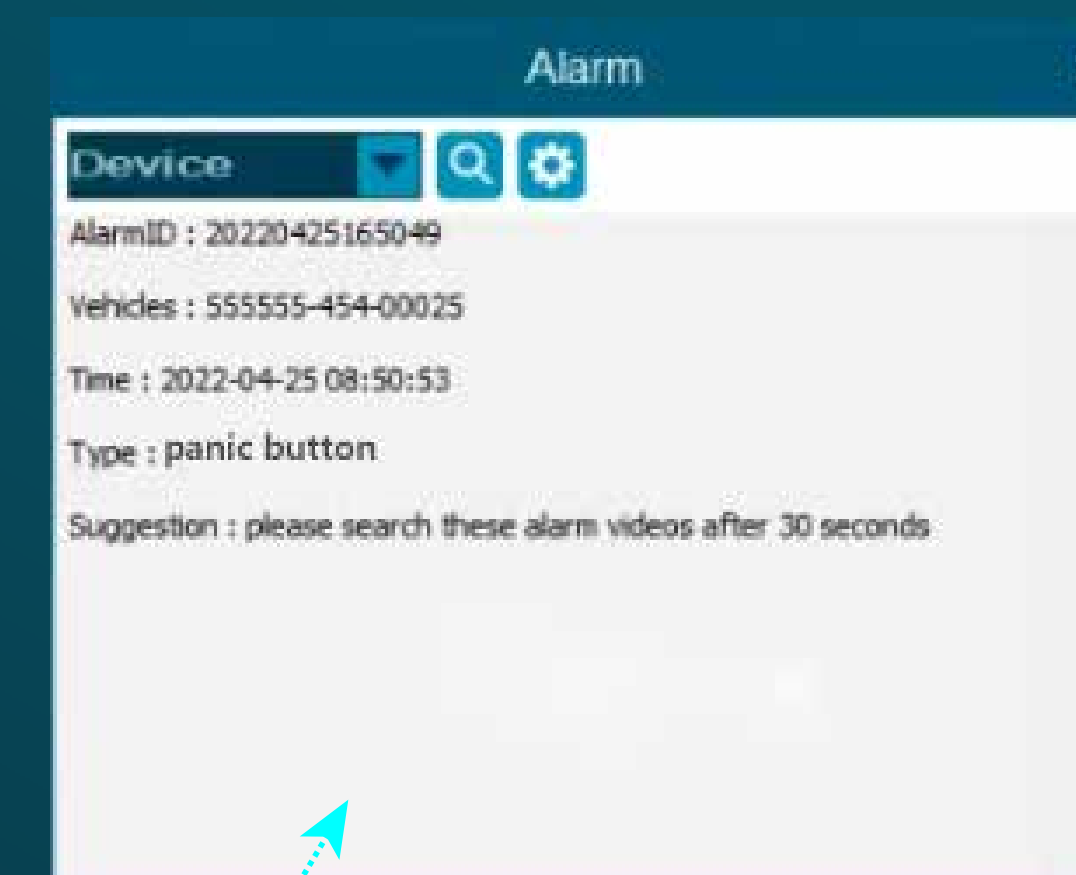
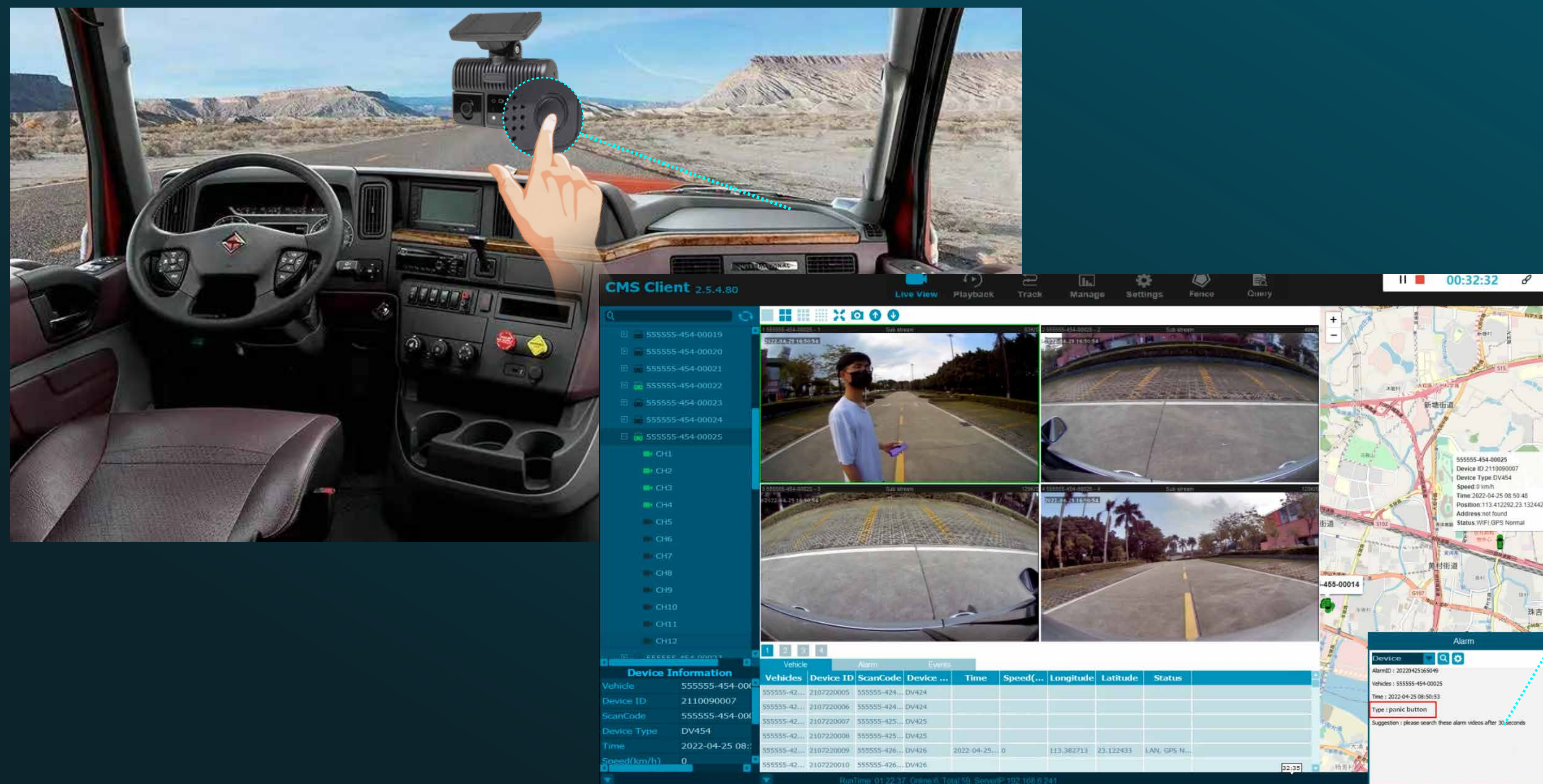
Built-in intercom function, support remote command & dispatch

Support remote voice intercoms, available for information communication, remote audio command & dispatch. The loudspeaker supports ADAS/DMS warnings.



Built-in press-button alarming

The driver can press the alarm button in case of emergency. This camera can record the videos, and send them to the administrator, so as to achieve online safety management, accident traceability.



Harsh
Acceleration

Harsh
Braking

Sharp
Turn

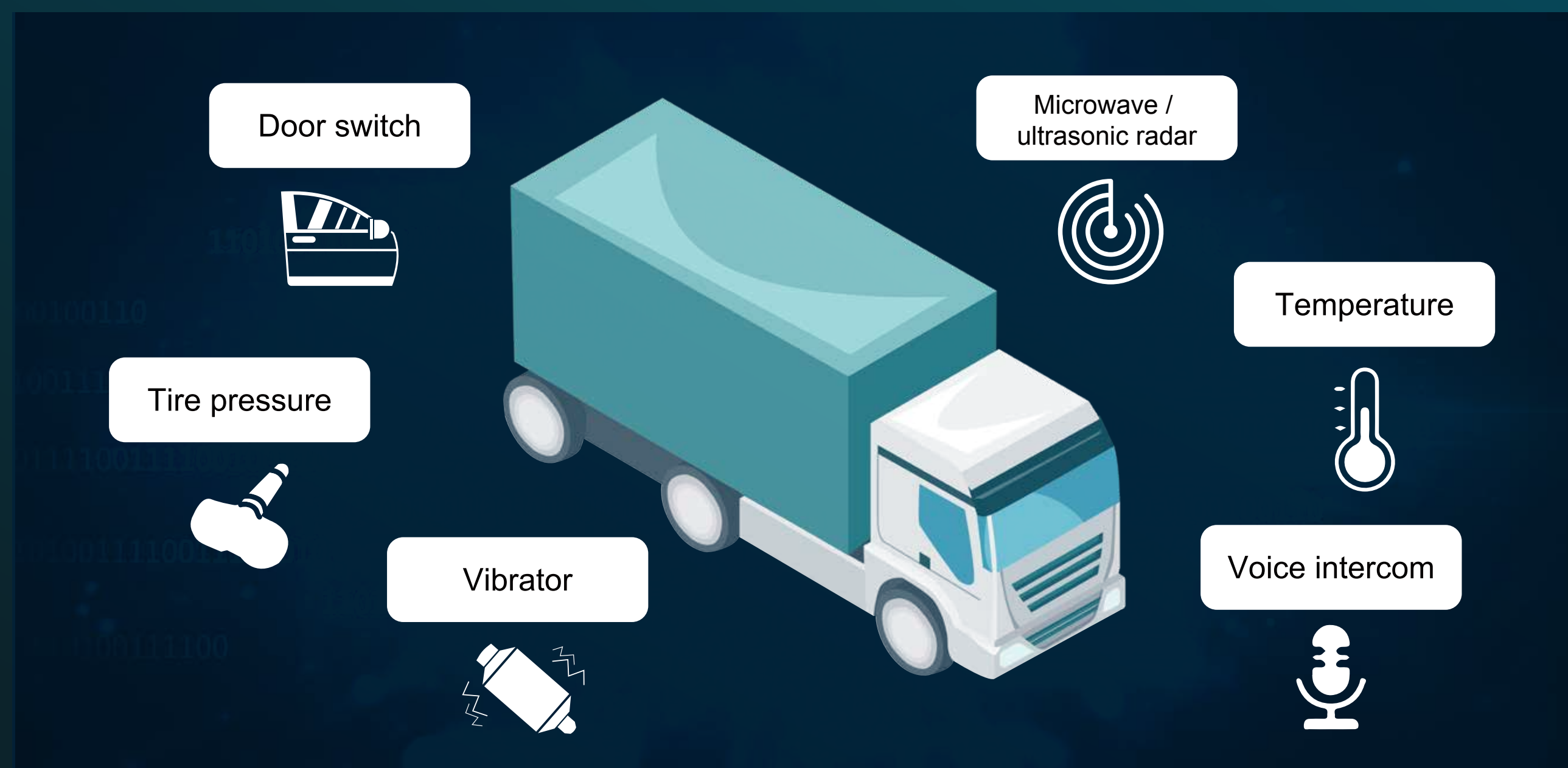
Collision



Built-in G-Force, post-event analysis on driving behavior help quit bad driving behaviors.

This camera have self-designed driver behavior recognition algorithm, which can identify drivers accurately and collect dangerous driving behaviors. It supports accurate recognition on rapid acceleration, rapid braking, sharp turns, collision and so on so as to facilitate driver's tests in fleet management, analyze driver's behaviors and carry out training courses.

Safer driving makes your family feel more relieved



Multiple interfaces, available for various sensors

This camera has various interfaces including RS232/RS485/CANBUS/ALARM IN&OUT/USB, available for many sensors: Tire Pressure Sensor, Temperature Sensor, Weighing Sensor, Liquid level Sensor, Audible and visual Alarms, Open/close door Sensor, Seat Vibrator(for DMS fatigue warnings) and so on. It also supports communications with devices already mounted on vehicles.

OBD(CANBUS) vehicle information collection

Connecting with third-party devices or vehicle master control, this function integrates the information: collecting core information of the vehicle like fuel consumption, rotation speed, vehicle speed etc. Then these information would be uploaded to the platform, making fleet management easier.



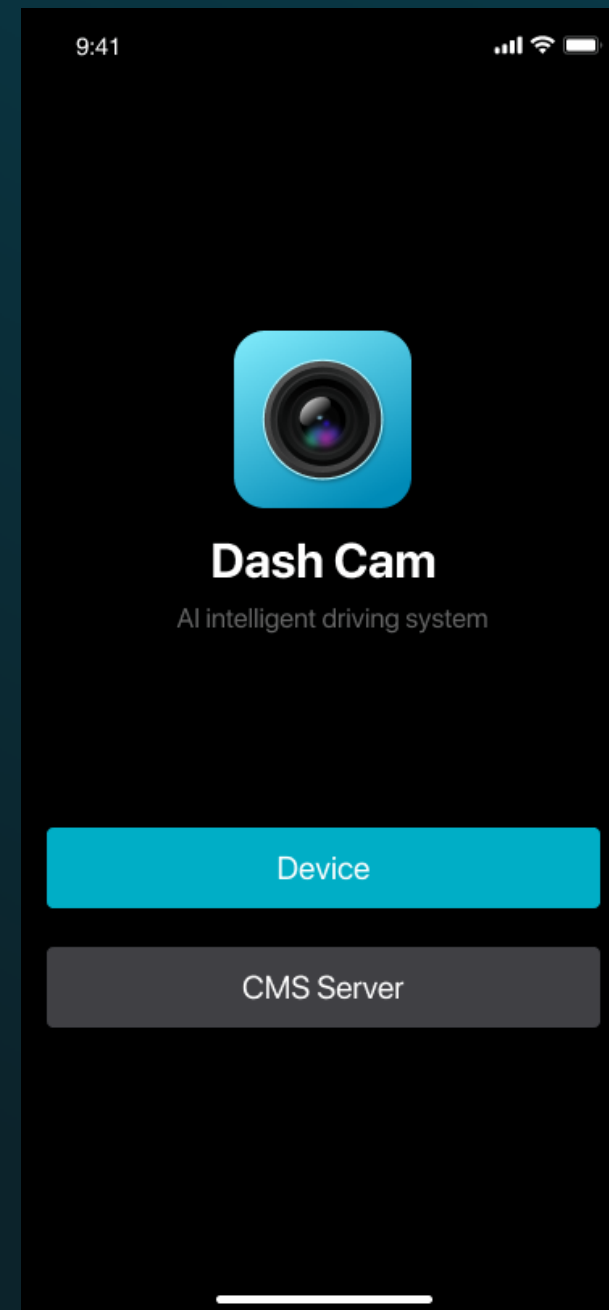
The screenshot displays a car's dashboard with a MoviSight application overlay. The application shows real-time OBD data and CAN bus logs. The OBD data includes wheel speed, distance, speed, throttle, engine RPM, and fuel usage. The CAN bus logs show data for various CAN channels (can0) with their respective IDs and data bytes. The application also shows audio decoder settings and playback status.

```
wheel: a= 3532 b= 3534 (delta= -2) flags=11 seq=0e
wheel: a= 3523 b= 3519 (delta= -4) flags=11 seq=0e
unk_b4: distance_a=160 speed= 3534 distance_b= 55
brake: flags=00 [ ]
throttle: flags0=00 unk0= 1212 unk1= 998, unk2=-77 throttle=15202
engine: rpm= 2210 unk0= 25 unk1=146, unk2= 35
fuel_usage: 497

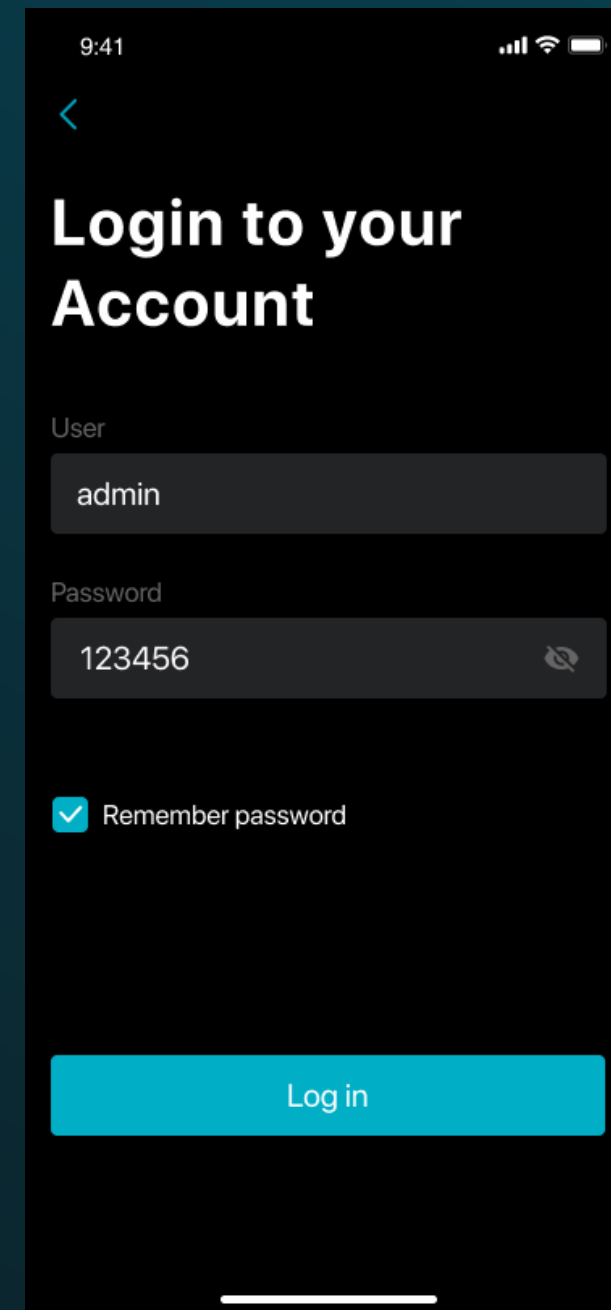
unk: 440 442 620 621 622 630 610 638 611 640 163 363 39a 4c1 39a 3b
4 3b3 4df 3c3 223 1c3 2c3 3b7 200 4dc 394 4c8 3b0 3a0 300 4dd 3a1 3b
1 4c3 (34)

can0 B0 [6] 0D CC 0D CE 11 0E .....
can0 B2 [6] 0D C3 0D BF 11 0E .....
can0 163 [5] 0E AA 01 00 40 .....0
can0 B4 [8] 00 00 00 00 A0 0D CE 37 .....7
can0 1C3 [1] 04 .....
can0 2C3 [8] 08 00 00 02 8D 2D 29 19 .....-)
can0 398 [2] 01 F1 .....
can0 223 [8] 00 00 00 00 00 00 00 2D .....
can0 224 [8] 00 00 00 00 00 00 00 00 .....
can0 4DF [8] 20 00 00 13 00 00 00 00 .....
can0 163 [5] 0E AA 01 00 40 .....0

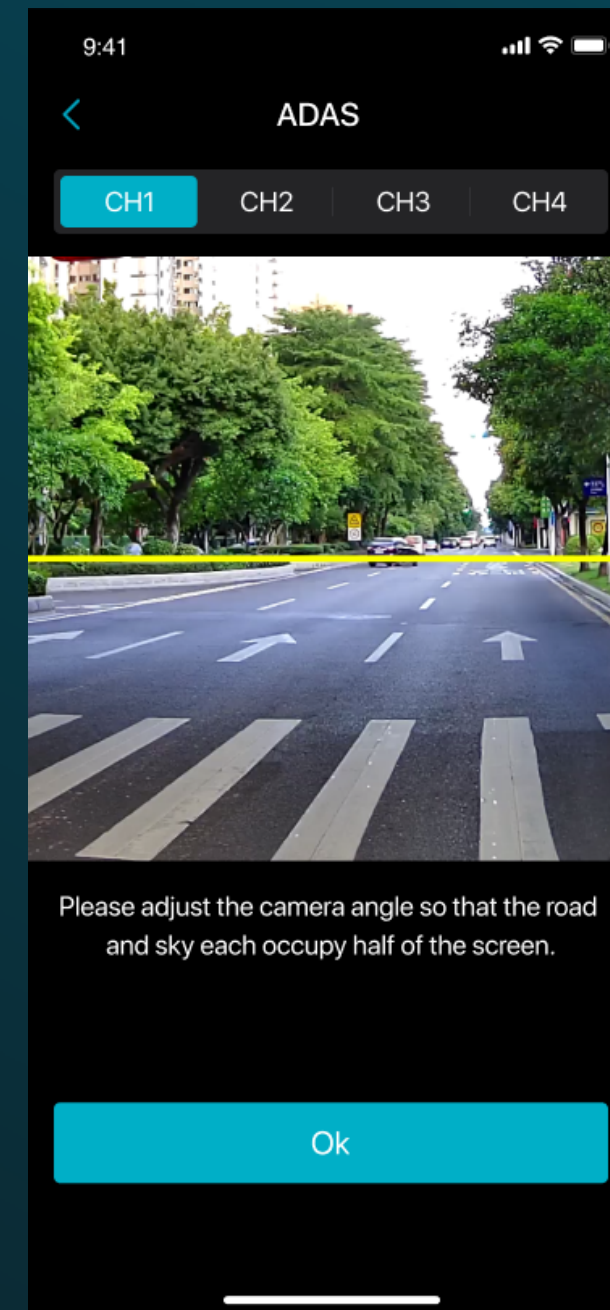
Opening audio decoder: [alsa] alsa44au audio decoder
AUDIO: 22050 Hz, 1 ch, s16le, 256.0 bits/96,000 frames 22050(-264000)
Selected audio codec: [alsa] alsa44au (ALSA)
00: [alsa] 22050Hz 1ch s16le (2 bytes per sample)
Starting playback...
Movie object is 1.251L - prescaling to correct movie aspect.
00: [gl] 22050Hz => 22050Hz Player 0/12
@ 181.1 % 181.1 A-9: 0.000 ctt -0.033 4928/4928 187 342 0.23 4 0
```



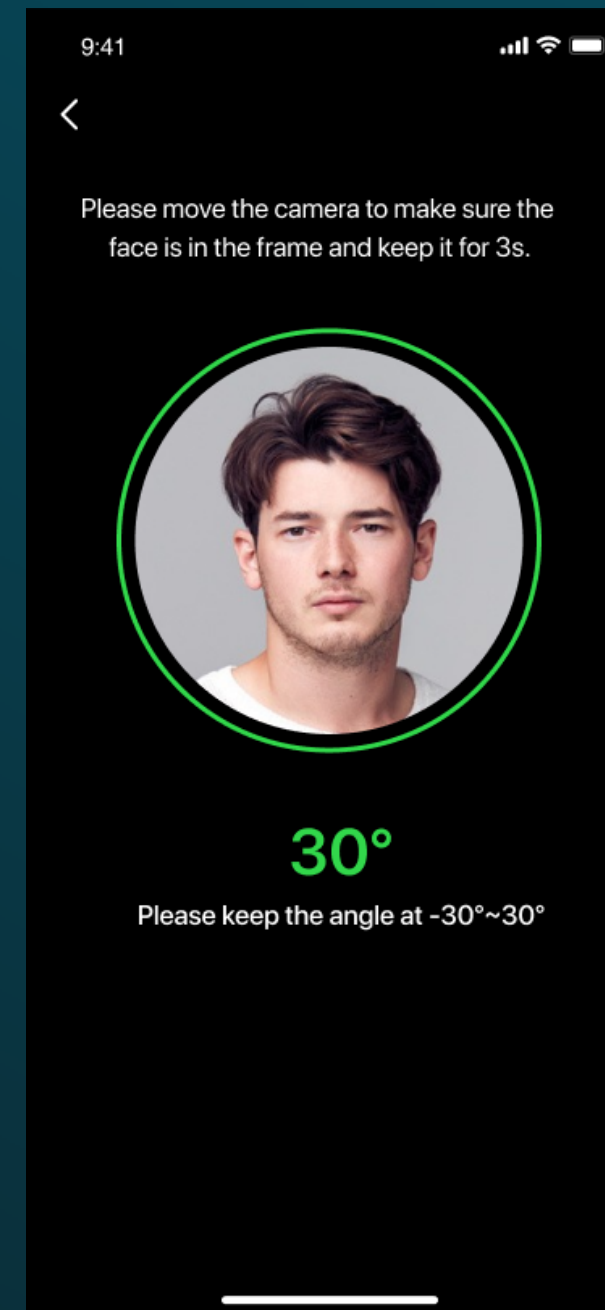
Connect



Log in



Select channel



Calibrate

Brand-new APP/ WebUI, easy operation

This APP supports hotspot, iOS/Android Wi-Fi Direct, no need for an extra monitor, video pre-recording, parameter matching and video playback, etc.

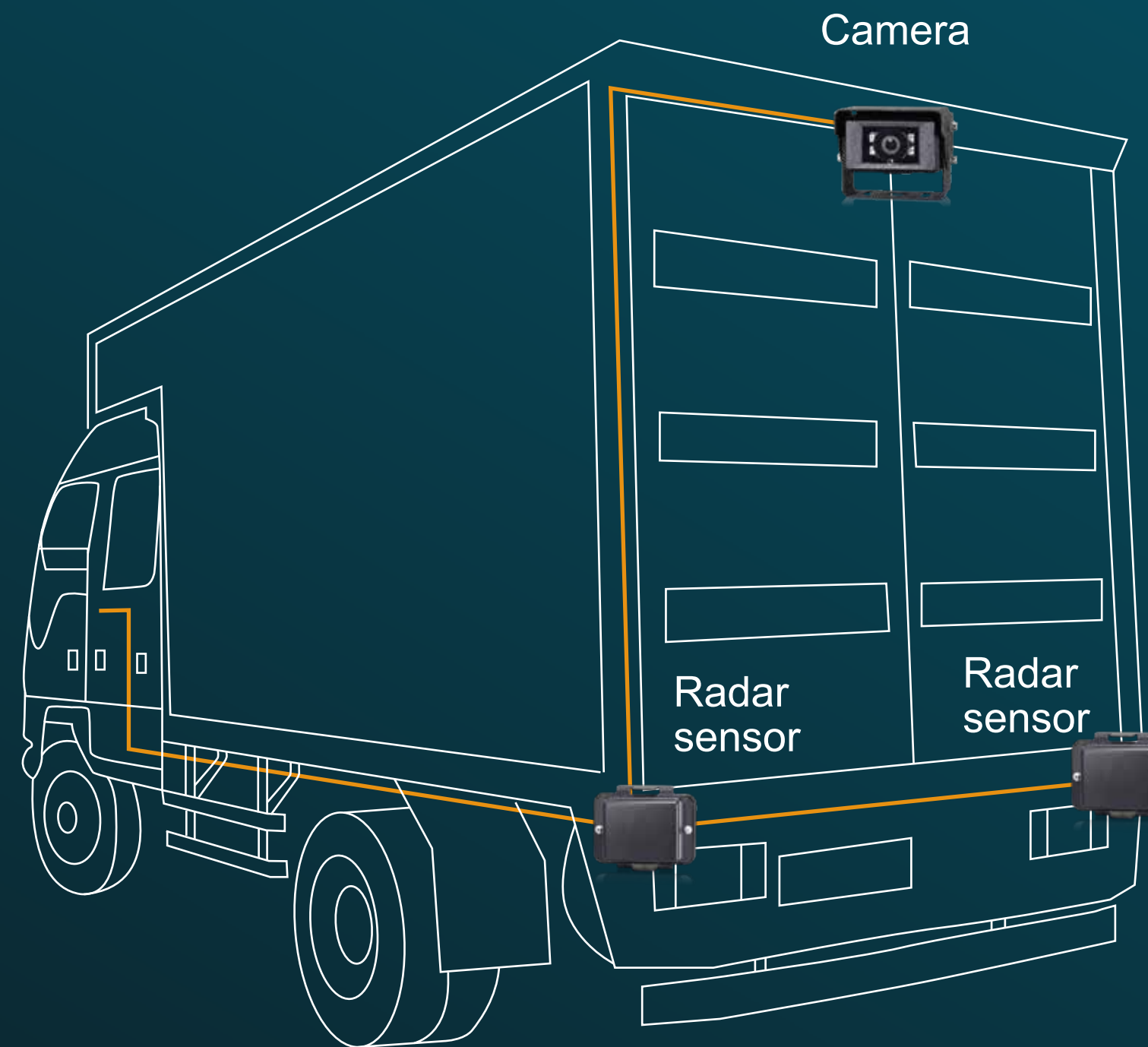
Support BSD

External expansion camera supports BSD pedestrians & vehicle detection, built-in speaker sends out warnings to the driver when there are potential collision risks. With audible and visual alarms outside the vehicle, the camera gives warnings to pedestrians and vehicle nearby.



Integration with radar alarm, support real-time videos and audios

Support multi-channel ultrasonic radars which give warning in close range, millimeter-wave radars which give large range warnings. Built-in speaker sends out beeps to the driver about obstacles.



Up to 12 radar sensors can be connected
(with control box)



Or connect with 1-477GHz millimeter-wave radar sensors for reversing and longer detection range (without control box)



Advanced heat dissipation design and hardware design

Large area metal lines and multi-sided heat sinks make effective heat dissipation effect;
Support wide-voltage, Super-capacitor provides power outage and short-circuit protection.

Industry of application

Operators / Agents, TMS Developers, Enterprise Information Service Providers, Insurance agencies



Regulators



Logistics Companies



Corporate Logistics



Logistics & Courier



Urban Distribution



Urban-rural Passenger Transport (Add-on)

Pharmaceutical

Tobacco

.....

Alcohol

Textile

Solutions

Application models: trucks, hazardous chemical transport vehicles, passenger cars, buses, taxis, online car-hailing and ambulances, etc.
Application scenario: Long-time driving makes drivers feel fatigue. Large vehicle with many blind spots increase the risk of car accidents.



Solutions

Application models: trucks, hazardous chemical transport vehicles, passenger cars, buses, taxis, online car-hailing and ambulances, etc.
Application scenario: Drivers check their phones frequently, making phone-calls. For safer reversing.

