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(MS-7ADA44)

AI Dashcam

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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.

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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

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Our AI dashcam can solve the above pain points

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

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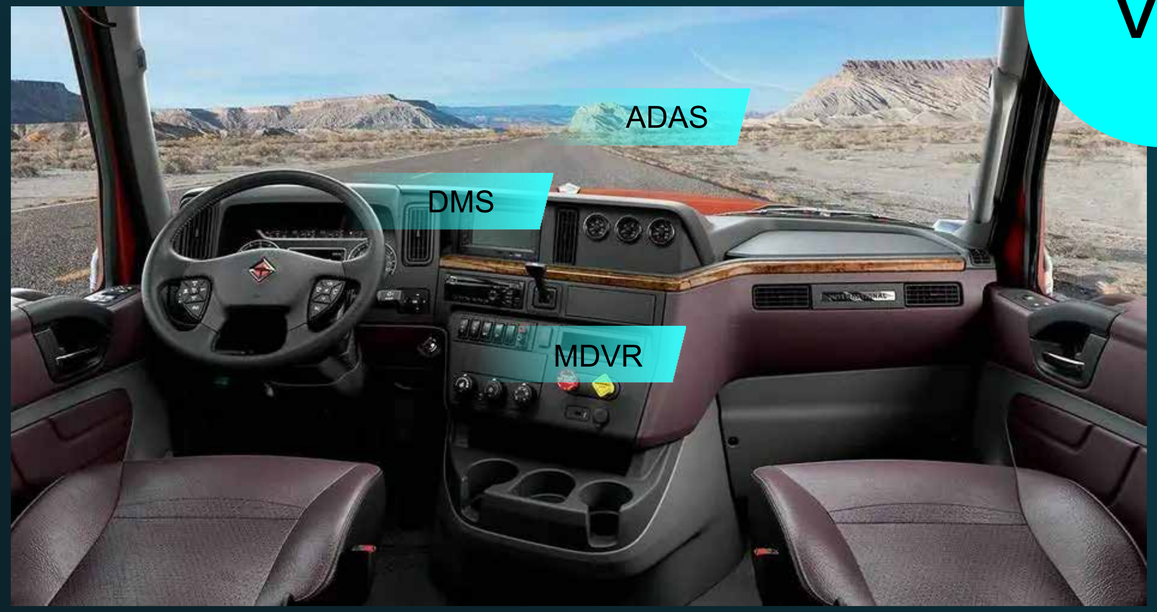
All-in-one design, fully function

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

Conventional Solutions



VS

AI Dashcam Solution

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One-step sticking, easy installation

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

Cost ↓ 82%

Installation process	8 steps	3 steps fix the product, running cables, setting parameters
Time consumption	1h 25min	15min

（Noted：15min refer to skilled cases）

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No WDR

with WDR

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

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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

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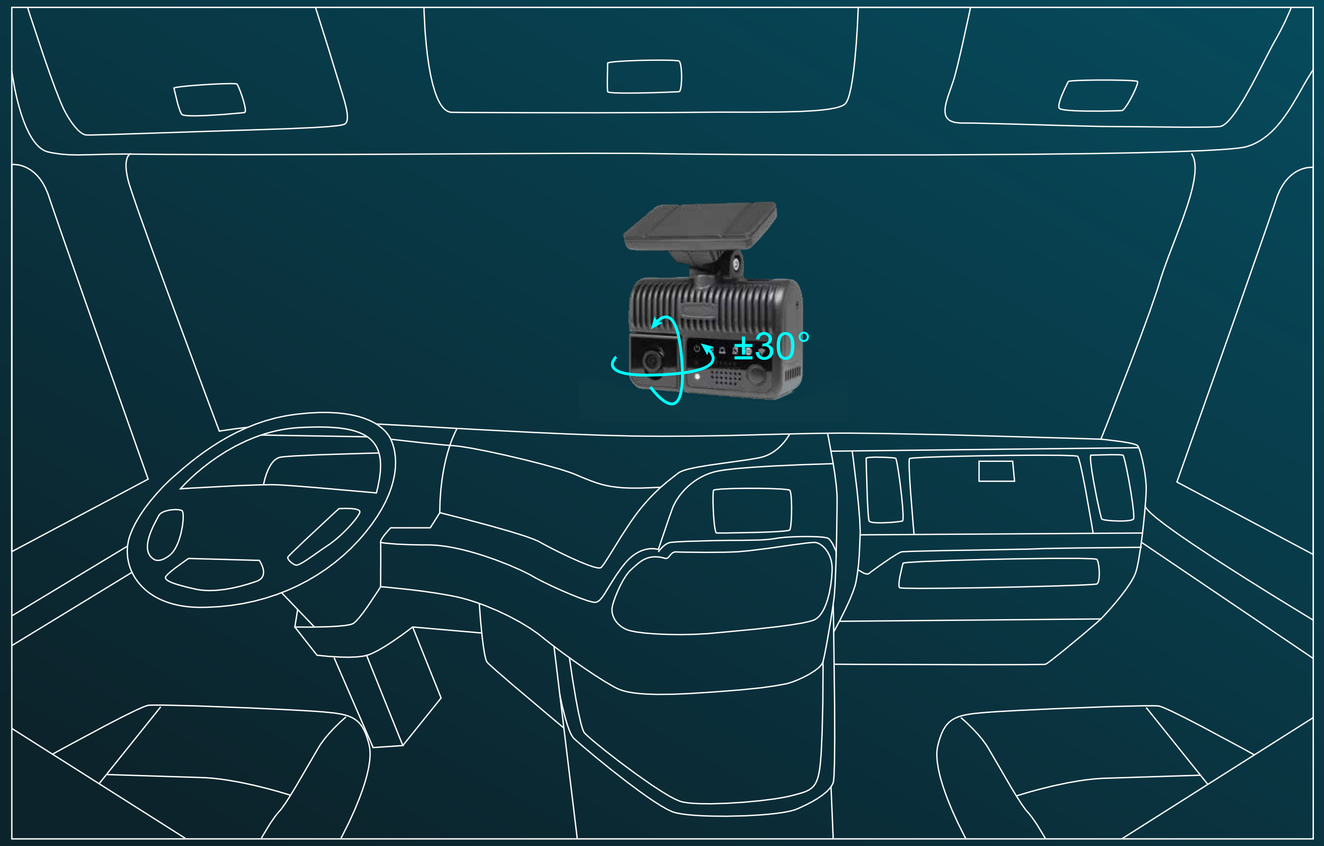

Flexible angle adjustment, wide range of applications

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

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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

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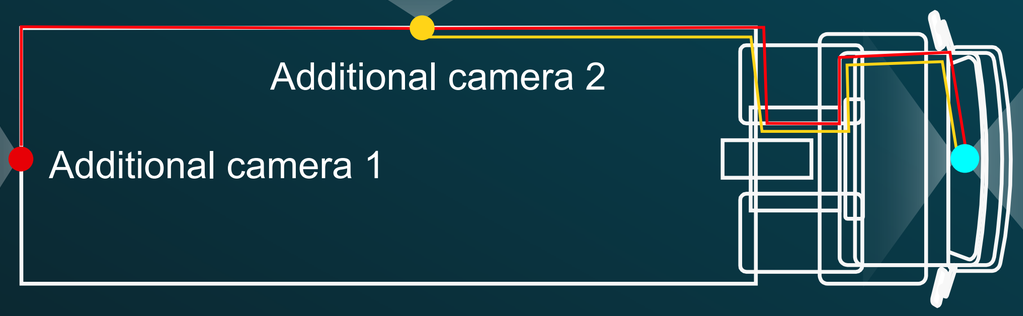

Support 4-channel additional camera

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

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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.

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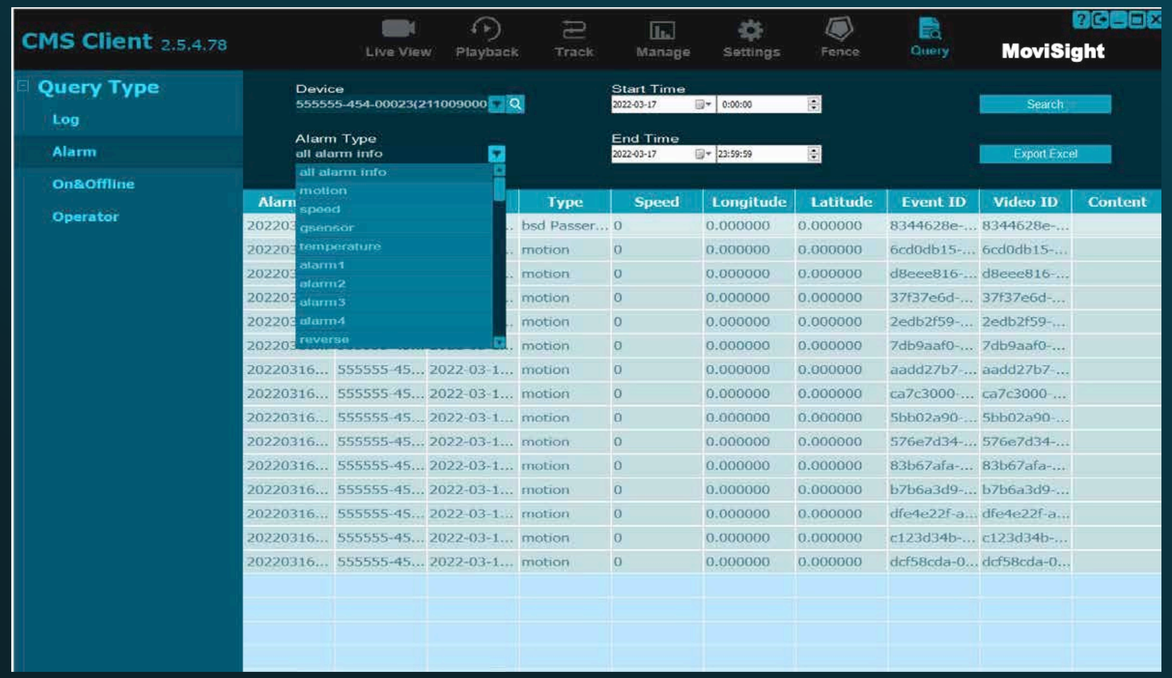
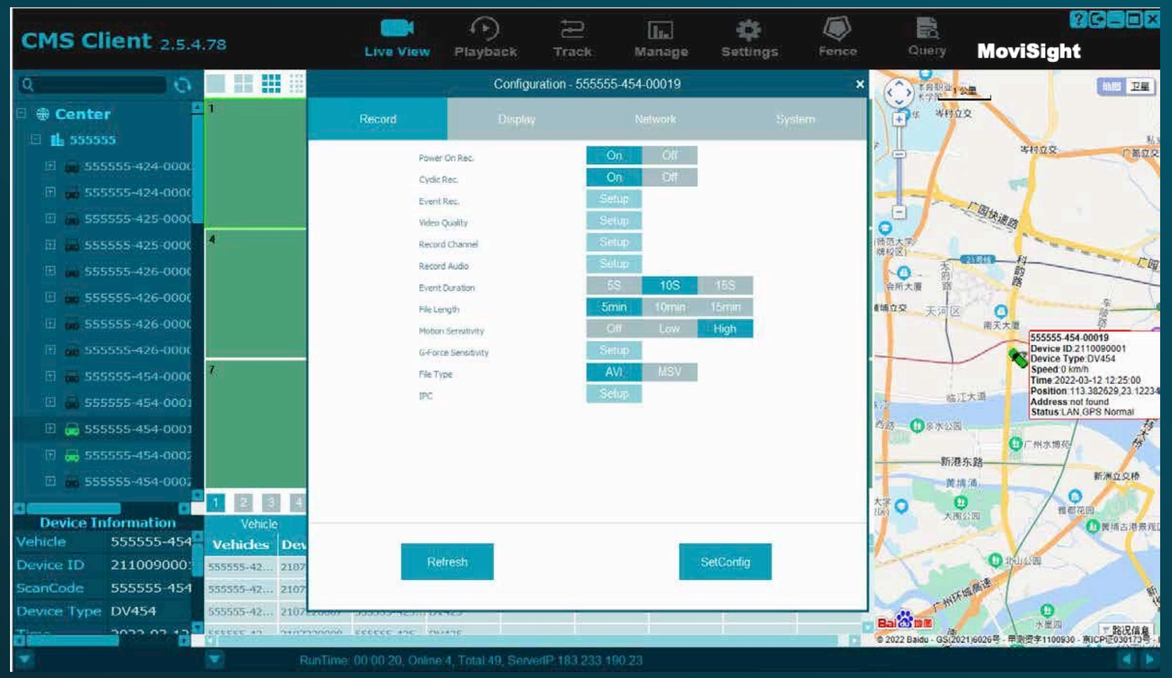
Support various alarm recordings

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.





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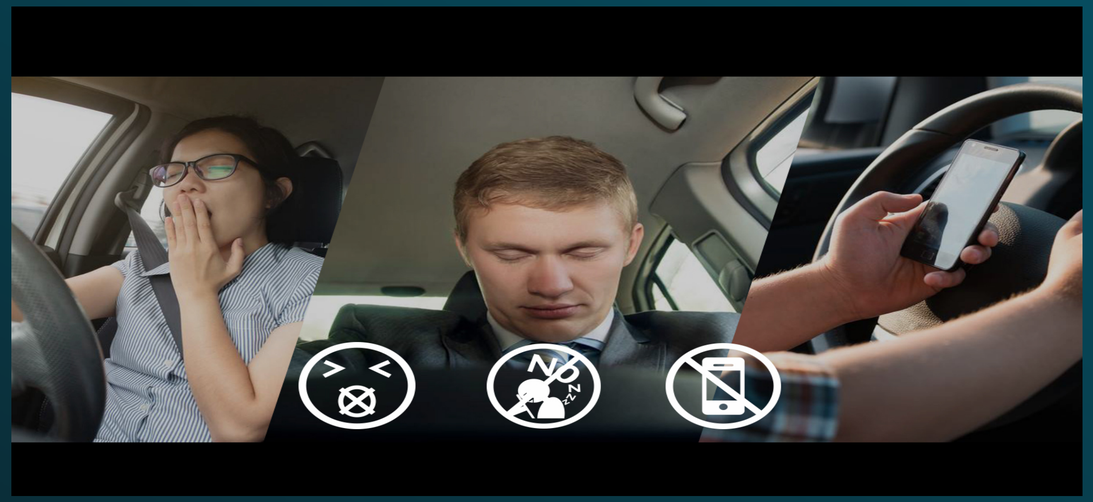

Built-in intercom function, support remote command & dispatch

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

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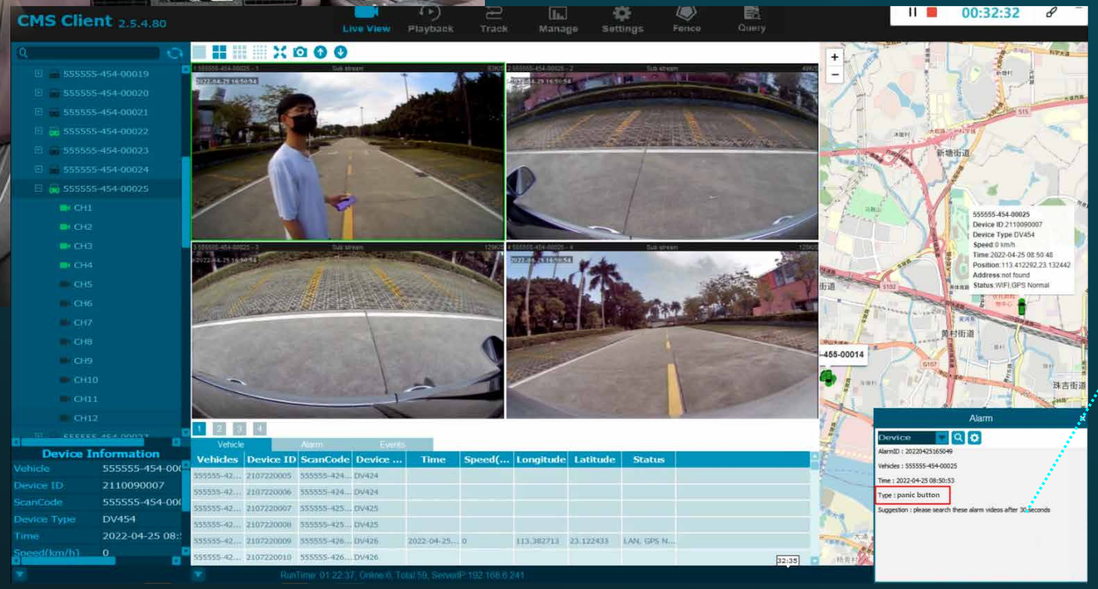
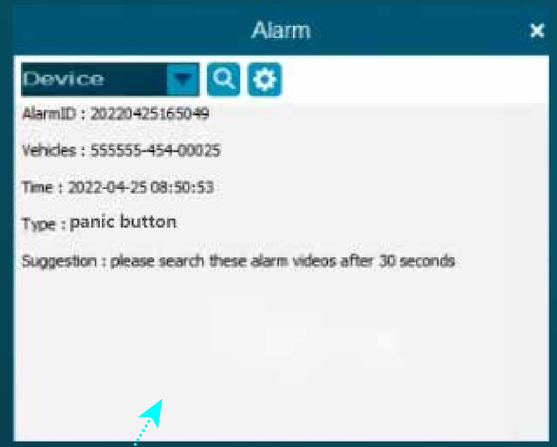
Built-in press-button alarming

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.





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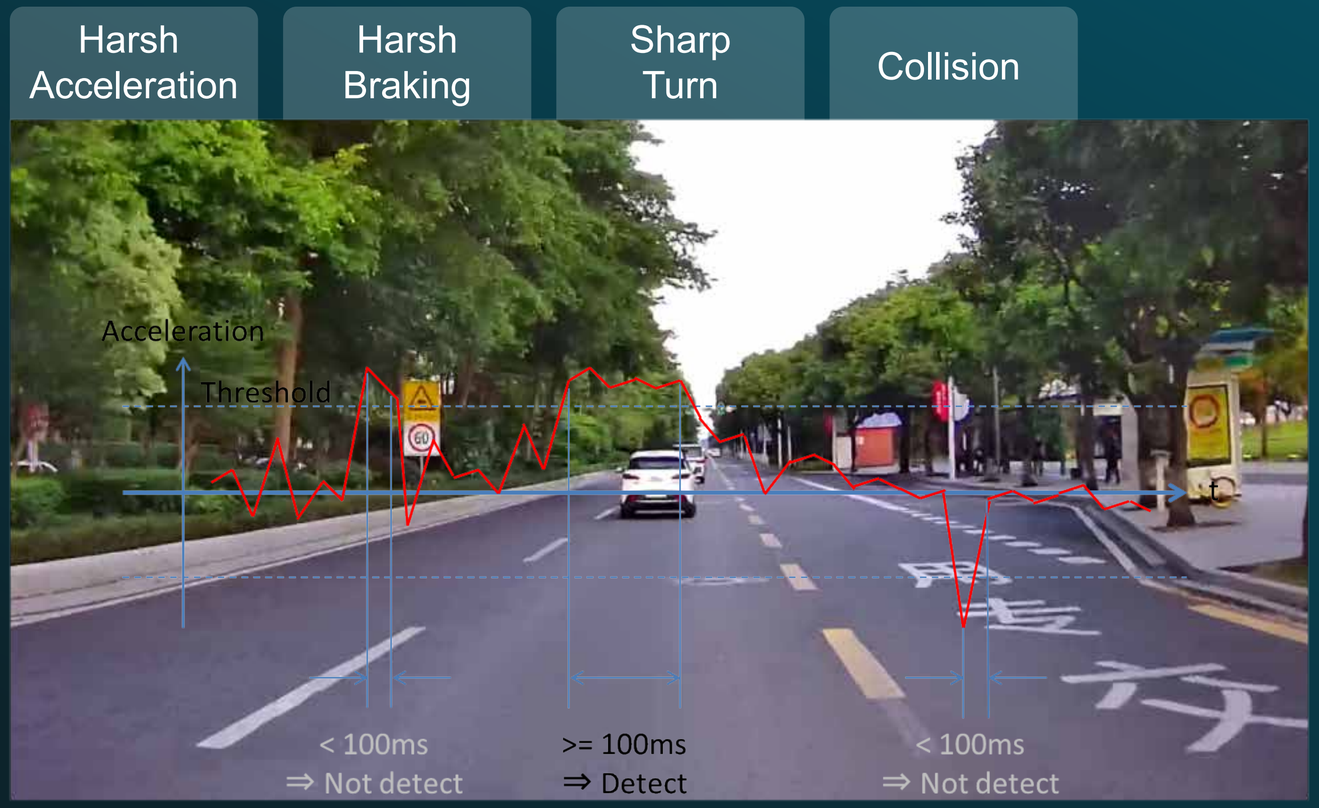

Built-in G-Force, post-event analysis on driving behavior help quit bad driving behaviors.

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

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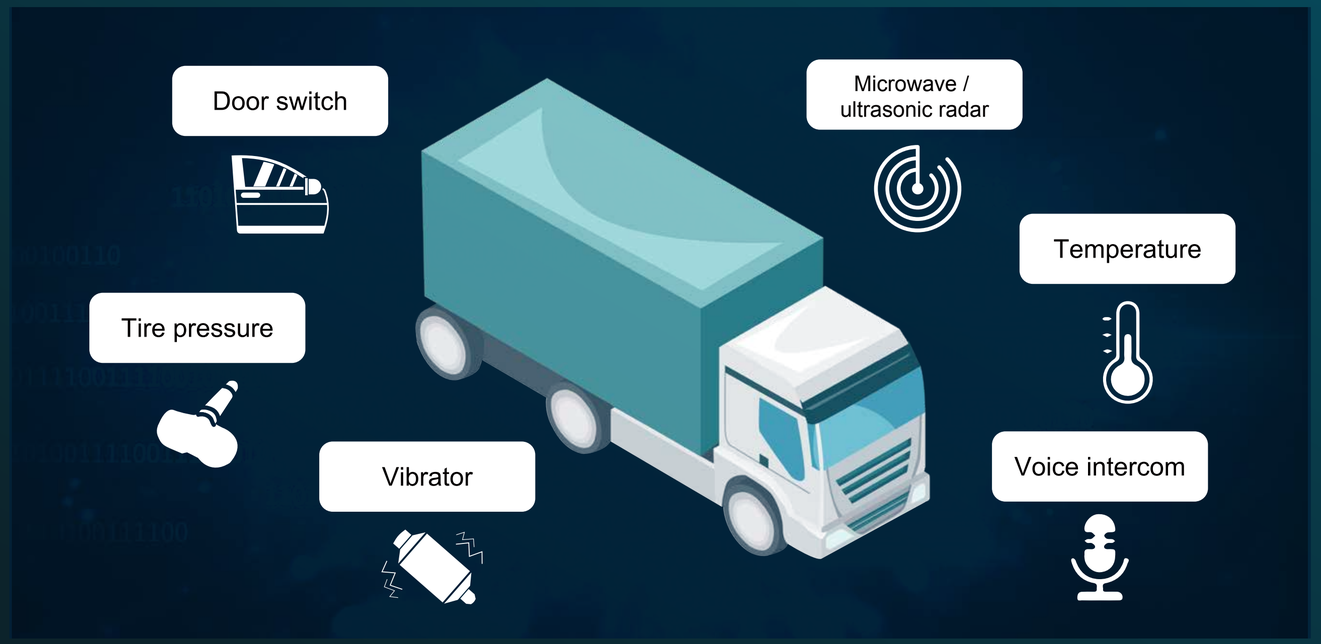

Multiple interfaces, available for various sensors

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.

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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.

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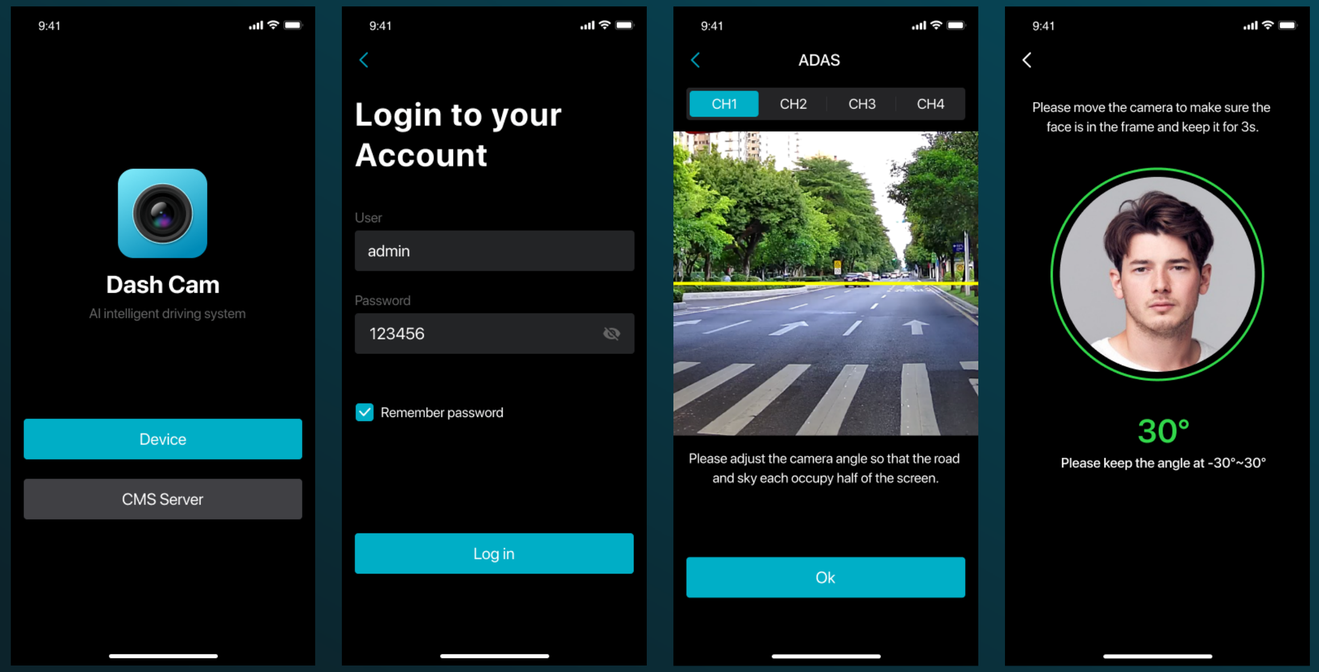

Connect Log in Select channel Calibrate

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.

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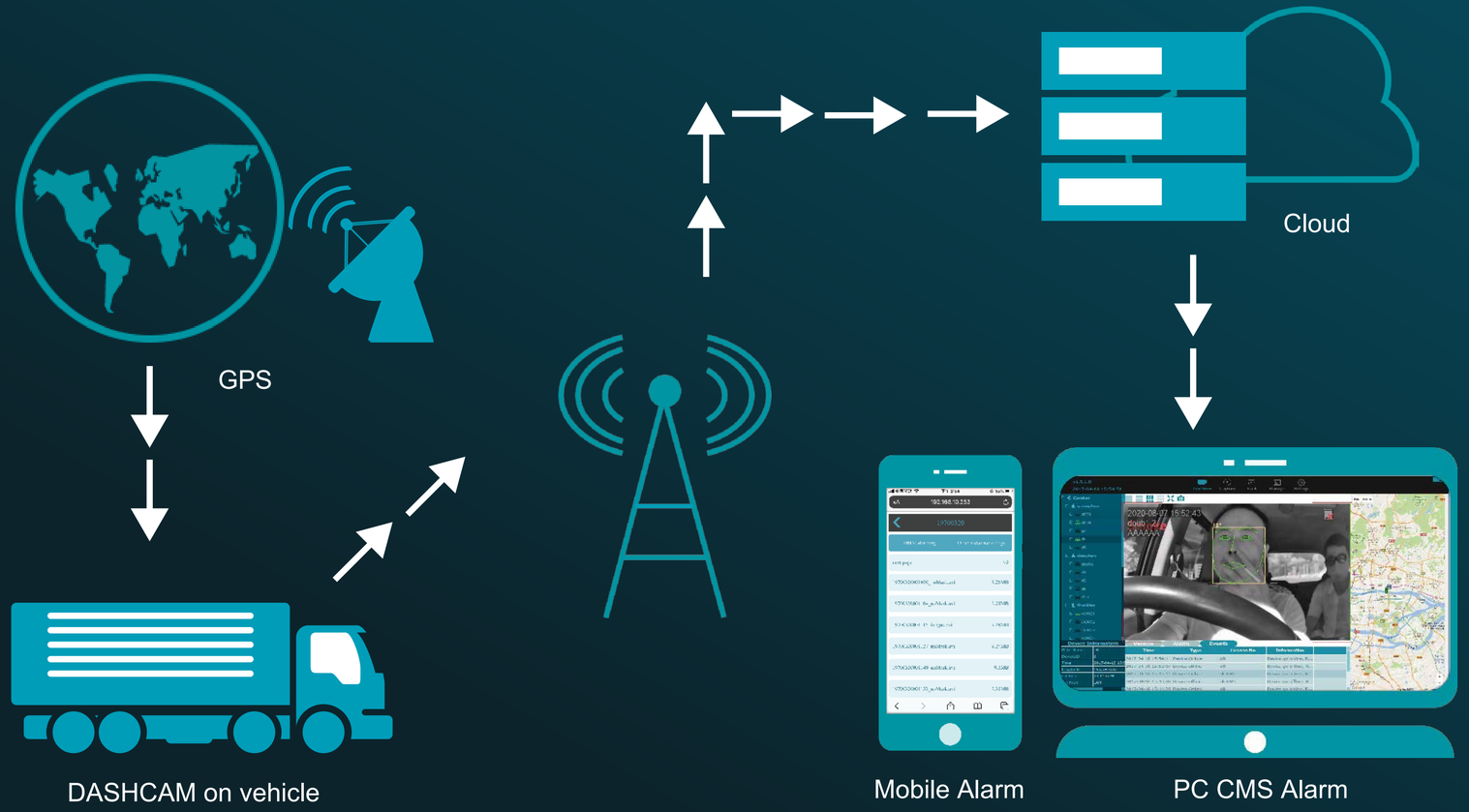
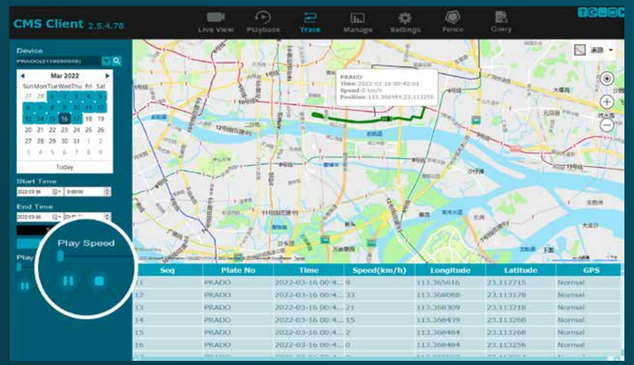
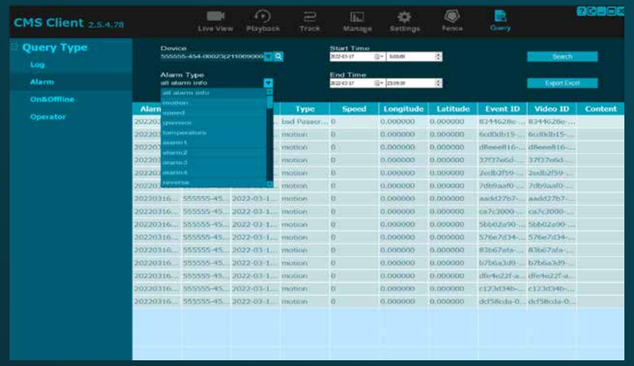
Built-in GPS/ 4G, remote monitoring and alarming, efficient fleet management

This camera can connect with cloud service platform. Dangerous driving event will be uploaded to the platform. In this way, fleet center can give guidance to drivers, reduce traffic risks. What's more, platform-based management on warnings, driving tracks, video recordings enables scientific fleet management, third-party platform docking and customized platform function.







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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.

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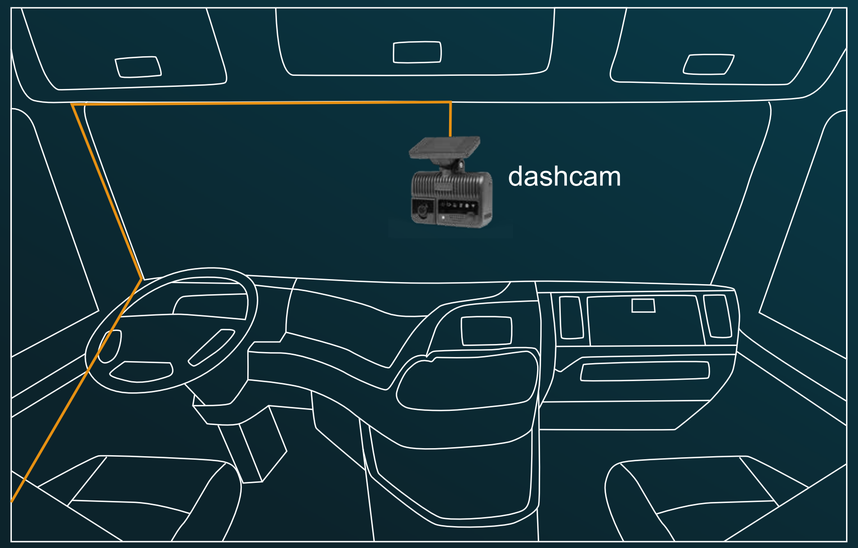
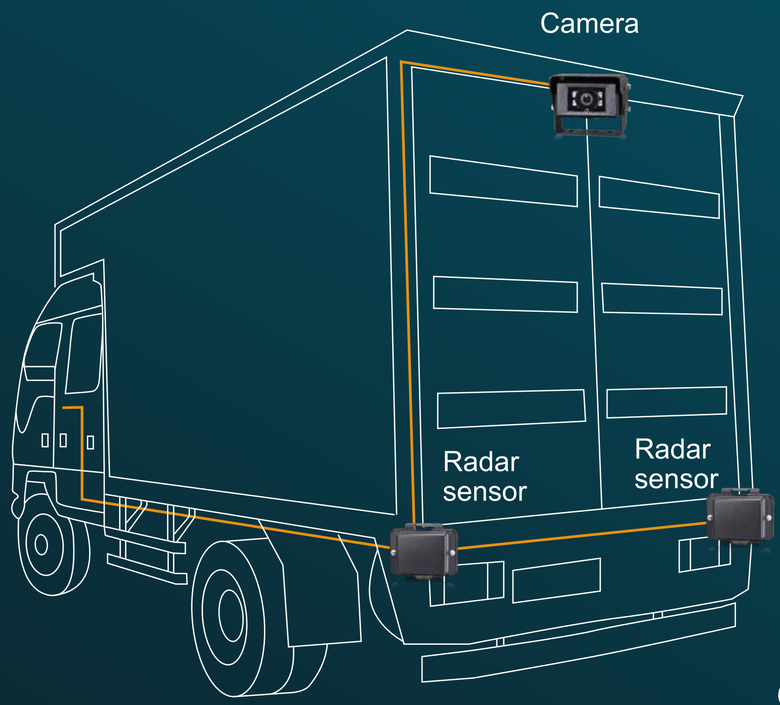
Integration with radar alarm, support real-time videos and audios

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)

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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.

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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

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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.

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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.