Driving Safety Solutions

DSM+ADAS+MDVR+Platform/App Real Time Monitoring

Make driving safer ❤

Our complete solution includes:

01 Driver State Monitor (DSM)

02 Advanced Driving Assistance System (ADAS)

03 Mobile Digital Video Recorder (MDVR)

04 Driving Vision Assistant System (Side Views)

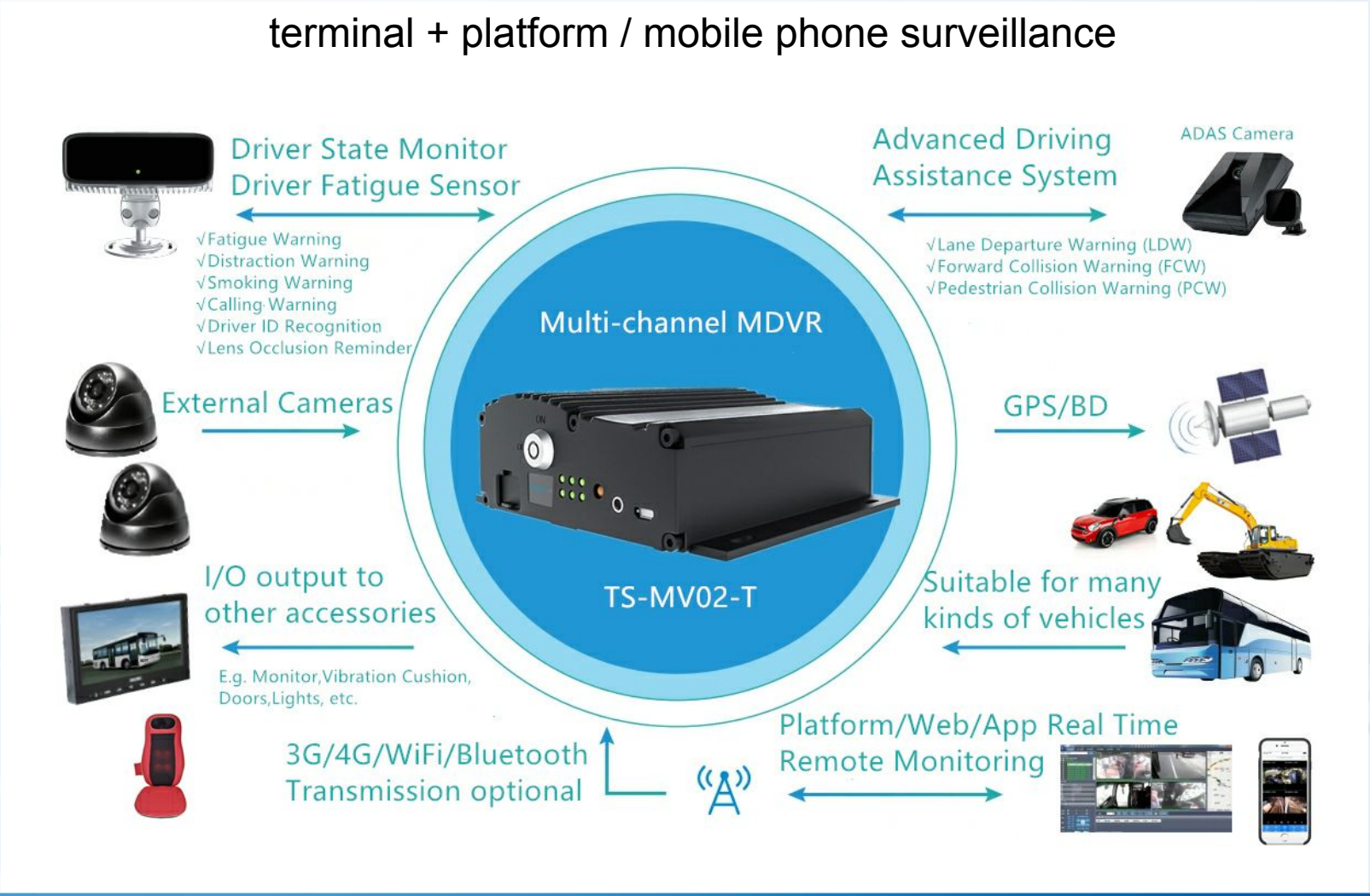
05 Platform and Mobile Phone Remote Real-time Monitoring

Why do you need this solution?

1. Effective management of correct driving habits
(Successfully help avoid 90% accidence due to fatigue driving)
2. Effective traffic hazard warning. Avoiding accidents
3. Preservation of Driving Image Evidence
(Including local storage and cloud/platform storage)
4. Avoid blind area accidents
(Countries have successively legislated for the compulsory installation of legislation in Taiwan since 2018/1/1)
5. Effective management to reduce fleet operating costs

Scheme analysis (customizable according to requirements):

DSM+ADAS+ Omnidirectional video surveillance + multi-channel MDVR video terminal + platform / mobile phone surveillance



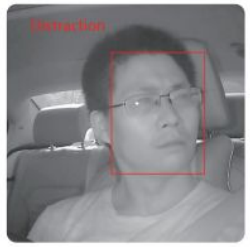
Driver Driving State Monitoring System DSM:

Based on image recognition technology, the driver's condition can be monitored, and the driver's fatigue state, distracted driving, dangerous driving behavior, identity recognition and other bad driving behavior can be effectively monitored. At the same time, the driver's behavior data can be uploaded with peripheral wireless transmission equipment. The driver status can be monitored in real time through network management platform or personal mobile terminal, which is suitable for the safety management of private cars, dangerous goods transport vehicles, passenger vehicles and freight vehicles.

Fatigue driving alarm

Fatigue warning

Distracted driving alarm



Distraction warning

Driver smoking alarm

Smoking warning

Driver calling alarm

Calling warning

Driver ID recognition

Driver ID recognition

司机驾驶状态监测系统DSM:

Early warning and reminder 1.5 seconds in advance

Fatigue driving accident reduced by 90%.

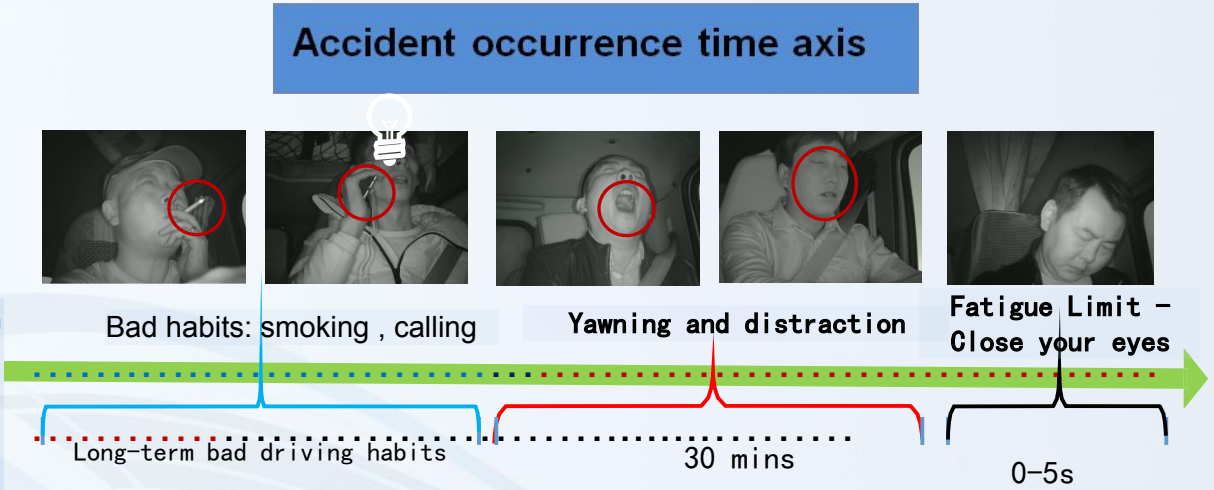
| Smoking Calling Yawning Closing Eyes Early Warning

| Abnormal posture

| Abnormal posture, left-looking and right-looking

| Driver Identity Recognition

| Information Scheduling



Chaotic Lane Change, Overspeed

Keep up with the front car.
The accident happened immediately.

Accident: Obtain evidence

Advanced Driving Assistance System ADAS:

Special ADAS Advanced Driving Assistance System has the functions of front vehicle collision warning, lane deviation and pedestrian detection. It senses the surrounding environment at any time during the driving process, collects data, identifies, detects and tracks static and dynamic objects, and carries out systematic calculation and analysis combined with the map data of navigator, so as to make the driver aware of the possibility in advance. Danger, effectively increase the comfort and safety of car driving.

Lane Departure Warning (LDW)

Pedestrian Collision Warning (PCW)

Forward Collision Warning (FCW)

Lane departure warning (LDW)

Pedestrian collision warning(PCW)

Forward collision warning(FCW)

ADAS camera

Advanced Driving Assistance System ADAS:

- Front Collision Warning (FCW)
- Lane Departure Warning (LDW)
- Pedestrian Detection and Early Warning (PCW)
- Front Vehicle Approach Warning (FPW)
- Safe Distance Alarm (SDA)
- Front Car Start Alarm (FVSA)
- High Definition Driving Video (720P)
- Acceleration
- Accelerated deceleration
- High turn

前方碰撞预警

FCW Front Car Collision Warning System: It judges the potential collision risk by sensing and calculating the distance between the vehicle and the front car in the course of driving, and gives an immediate warning.

车道偏离

LDW lane departure warning (Lane Departure Warning) monitors the position of the vehicle in the lane by ADAS algorithm, and warns the driver when the vehicle is pressing or is about to press the line, so as to prevent traffic accidents caused by Lane departure.

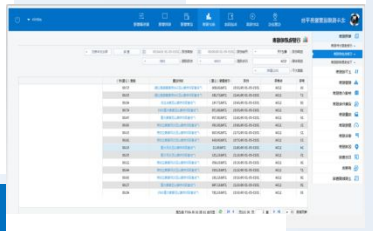
前方行人碰撞警告

PCW Pedestrian Collision Early Warning System: Based on computer vision image algorithm, static and dynamic pedestrians on the driving lane are detected, and early warning is made to prevent the occurrence of pedestrian collision accidents.

Multi-channel MDVR is optional ：

2 CH：TS-MV03

DSM+ADAS+MDVR+Platform/App



4 CH：**TS-MV02-T**

DSM+ADAS+2ch cameras +MDVR+ Platform/App

6 CH：

DSM+5 cameras + MDVR + Platform/App

8 CH：

DSM+7 cameras+ MDVR+ Platform/App

Driving Vision Assistant System (Side Views):

Driving Vision Assistant System (Side Views)

Vehicle side safety image assistant system: It can be constructed on the original multi-channel vehicle video recorder.

Advantages: It can be installed separately, not necessarily linked with the car-mounted video.

Accidents can be avoided due to misjudgment caused by congenital dead-angle blind area of the car body.

As long as it is a vehicle, both large and small vehicles have the original rearview mirror and side-view mirror congenital blind area, and large vehicles have the existence of "dead-in-transit difference". Moreover, when turning, the vehicle is driving strictly (urban speed 60 km/h = 16.6 meters per second displacement, Expressway change lane, speed 100 km/h = 28.8 meters per second displacement). At present, even when driving with directional lights and looking at the rearview mirror and both sides of the mirror, it is still impossible to detect the presence of vehicles or people in the blind area of the dead corner of the line of sight.

Platform/Mobile Real-time Monitoring ：

WIFI Auto Download

TTS Voice Information Delivery

Interface customization

School Bus Card Swipe

Oil statistics

3G/4G Video surveillance

GPS Location

Track query

Remote Video Playback

Linkage alarm

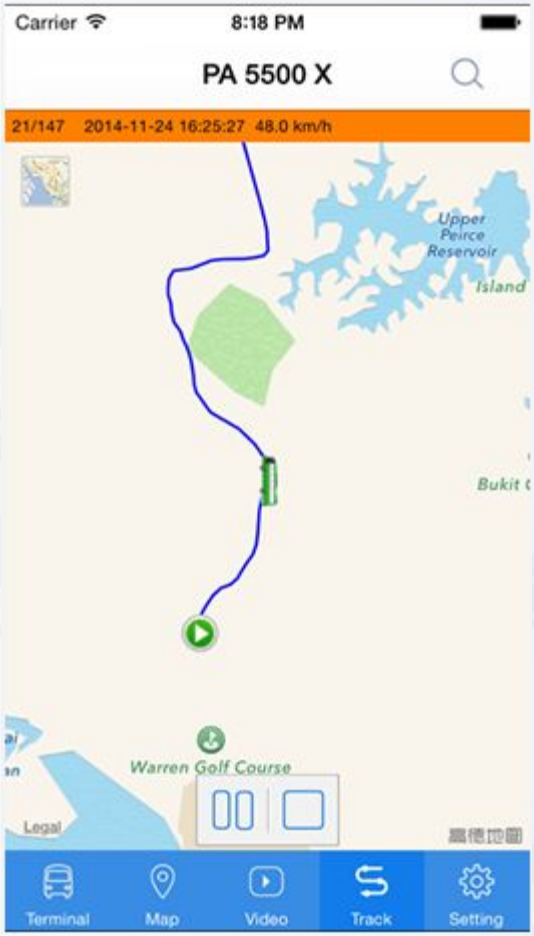
Image capture

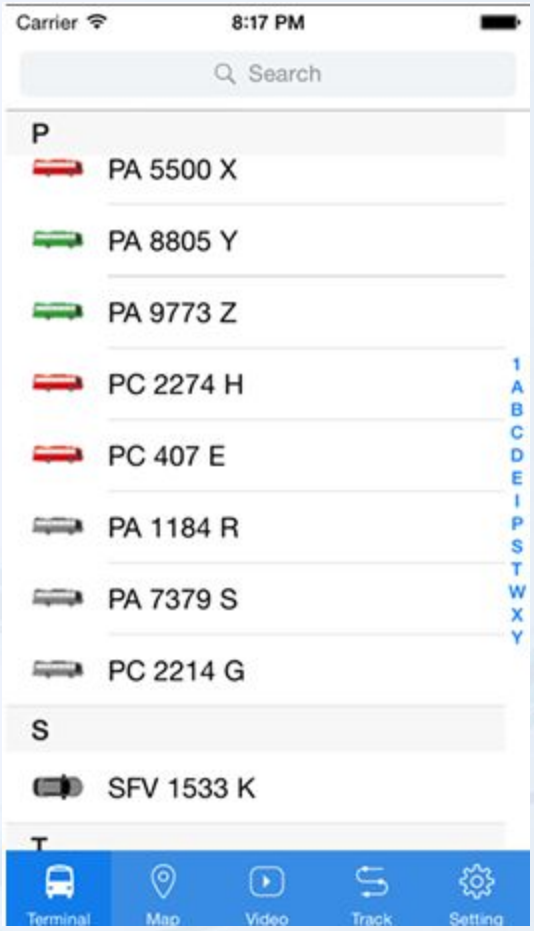
Examples of Platform Real-time Monitoring ：

http://121.199.53.118:8080/808gps/login.html

username: cs, password: 000000

Examples of Real-time Monitoring on Mobile Phone ：





International Inspection Certificate & Intellectual Property Protection - Multinational Invention Patent Protection：

Certificates: CE, FCC, RoHS

Invention Patent Protection:

US9,807,351
Invention# I 405682

Patent for
invention#ZL201010280427.3

THANK YOU

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