

DRIVER MONITORING & ADAS SYSTEM

Advanced driver assistance system, also known as **ADAS** an active safety technology that uses AI algorithms to conduct intelligent image analysis. With the help of sensors, **ADAS** collects first-hand data inside and outside the vehicle, identifies dynamic and static objects and is able to detect and track objects.

Furthermore, a closed-loop evidence chain for fleet management can be created by using MDVR and telematics. Real-time analysis and alert sending out from the R-watch creates an active safety system for the driver.

In this way, **ADAS** enables drivers to detect potential risks in the shortest possible time and helps prevent traffic accidents from occurring.



ADAS CAMERA

ADAS camera is used to detect complex situations in front of the car and provide early warning, such as lane departure warning and collision warning in real time to reduce the driving risks.

R-WATCH

R-Watch can be installed inside the car to provide driver with real-time aided driving information display, combined with audible alerts and warnings.

Driver Status Monitor (DSM)

Driver Status Monitor (DSM) is an auxiliary driving warning system based on artificial vision technology to detect the driver's abnormal driving status. It can help detect and alarm the conditions such as Fatigue, Distraction, Smoking and making a call while driving.

Mobile Digital Video Recorder (MNVR)

MNVR specially designed for vehicle video surveillance which supports vehicle travel information recording and local playback & analysis. It has a high-speed processor combining with the most advanced H.264 video compression / decompression technology as well as GPS positioning technology.