

Fatigue: Staying alert while you're driving!

Why fatigue is a problem?

The most common effects of fatigue on driving are:

- Difficulty keeping your car within a lane
- Drifting off the road
- More frequent and unnecessary changes in speed
- Not reacting in time to avoid a dangerous situation.



These effects lead to a high number of single vehicle crashes involving a car striking a tree or other rigid object, and severe head-on collisions.

Fingerprint Prevent Fatigue Driving and Car Fleet management System



Car accidents are happening everyday around the world caused by the reason of fatigue driving. Transportation and road safety management authorities have been looking for feasible measures to prevent or to lower the road accident rate due to the above reason.

Our company has been striving for such development and research through the years and we have successfully developed an innovative system which combines and equips the main 3 functions of fingerprint car alarm security, anti-fatigue driving function and car-fleet management control function. The newly developed system can successfully prevent and lower the causes of car accidents and prevent the drivers from long and continue fatigue-driving efficiently.

Fatigue and commercial driving

Fatigue is taken very seriously in the commercial vehicle industry. Drivers of commercial vehicles should be monitored and restricted their hours of drive and the breaks they take.

Over-Time Driving warning and control Function:

When a driver has been over-time driving continuously, a voice warning-message will be broadcasted to remind the driver to take a rest, to remind the switching of driver or to terminate the authorization of the driver to access the car.

Complete Driving Recording and Control Function:

Characteristics:

The system is designed to be effectively control for the fleet management and car rental companies to record all the detailed information of every access of the cars.

if necessary upon request, **the system can also be designed to shut off the car engine** to avoid fatigue Commercial driving to ensure the safety of drivers and passengers for a long journey.

By changing the parameters, car owner can set and assign authorization time and **limit driving by no. of days**, after the set time is expired, the authorized fingerprint will be invalid to start the car.

By changing the parameters, car owner can set and assign authorization time and **limit driving by no. of hours**, after the set time is expired, the authorized fingerprint will be invalid to start the car.

Generation of Records Including:

Record the last 10 days
(Total access Time of the car 0-24 Hours)

Record the last 10 days (Any Drivers' driving records or any Over-Time driving records)

Record the last 0-24 hours driving records

Record the last 10 drives and accesses of the car, the time of each continue driving.

Record the last 10 drives and access of the car, the total driving time of each driver

Record the last 10 drives and access of the car, the interval-time of each driving records

Record the time that the driver opens the car driver door and the time who leaves the car.

