

Inattentive driving monitor

Imagine You are on a long road trip with your friends. There should be some fun, some distractions. But do you ever think you became a threat to yourself in this way? Now as science progresses day by day AI steps in to prevent possible collisions and save your lives. To know further details about this technology, read on.

What is a driver monitoring system?

It is made of two cameras mounted into a single unit to give a clear view of the driver's cabin. It is aimed at the driver's face. It monitors by analyzing the driver's head and eye position. It gives a clear idea about the driver, it may be any signs of distraction, sleep, phone use, yawning, or anything. If you are facing any of these distractions this real-time system will take action. It will send alerts to you to be attentive and to take proper actions to prevent collisions.

Benefits of the driver monitoring system

Daydreaming or losing focus is so common while driving. Studies show that most accidents occur because of drivers' carelessness. So it's very fortunate to get a technology that snaps you back to reality when you are losing focus while driving. This system uses an advanced algorithm that helps to detect any kind of distraction from the driver. Sounds great right? Even at night time, you don't have to worry. It uses infrared vision so in low visibility cases it can provide alerts. Basically, truck companies are the target area for this technology but if you are not confident about your driving skill it may help you.

Future of driver monitoring system

The future of driver monitoring systems is very bright. Auto manufacturers in the future plan to detect the main cause behind drivers' drowsiness. Seems like a fairytale right? But this day is not so far away. Advanced systems are preparing to focus on driver health and comfort. They are focusing on detecting any abnormalities in heart rate. If this happens the ability to call a doctor otherwise road guide the driver to a hospital. Not only this, this day is not far when this system will be upgraded to understand passengers' comfort levels and how to cope with human behavior. Though DMS is mainly focused on safety as it became famous worldwide the demand will increase naturally. It will improve the entire driving experience.

