Keeping you awake behind the wheel

Safety is DENSO’s number one priority. And, because drowsy drivers can be dangerous drivers, we developed a Driver Status Monitor – to keep you awake and safe when you’re behind the wheel.

Using image recognition and processing technologies, the Driver Status Monitor detects a driver’s face angle, long-duration eye closure, drowsiness level and head position. If the monitor detects that the driver may be distracted or drowsy, a warning will appear and/or the system might adjust the direction of the side mirrors and information displays to improve overall safety, comfort and convenience.

Features

- Highly adaptable to individual differences and changes in head pose or position
- Higher-performance tracking and accuracy under various vehicle and light conditions
- Compact design
- New, DENSO-original technology – PEAC (Pose Estimation using A Camera)