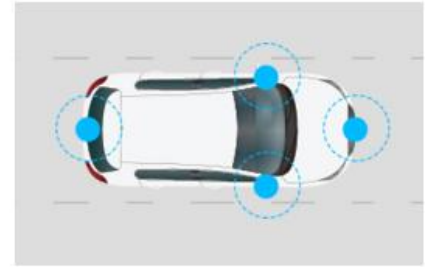


Advanced Driver-Assistance Systems (ADAS)

车道偏移侦测
前方碰撞警示

- Comprehensive intelligent monitoring
- 360-degree safety protection



The Advanced driver-assistance systems (ADAS) are systems developed to automate, adapt and enhance vehicle systems for safety and better driving. Safety features are designed to avoid collisions and accidents by offering technologies that alert the driver to potential problems. The systems include the Around View Monitoring System (AVM), Blind Spot Detection System (BSD), Lane Departure Warning System (LDW), Forward-Collision Warning System (FWS), and Rear-Collision Warning System (RWS), Rear Object Detection System (ROD), and etc. Based on the signal output by the ECU, the system functions mainly include information acquisition, electronic control unit (ECU), actuators, and etc. The car completes the action execution and reminds the driver to ensure safe driving. The ADAS can help assist vehicle systems for a safer and improved driving experience.

Features



Car level 7CH cameras
Support total of 7-channel high-definition vehicle level cameras, including two ports for blind zone warning function, one port for lane offset function, and four ports for 360-degree view function.



360-degree Around View Monitoring System
The Around View Monitoring System uses 4 vehicle-mounted high-definition cameras to create a virtual 360° view of what surrounds the vehicle with advanced technologies to alert the driver moving objects detected around the vehicle.



Blind Spot Detection System
Blind Spot Detection System uses cameras on both sides of the vehicle to warn a driver the blind spot area of a car. The moving targets in the early warning area are alerted except such as still road trees, stationary vehicles and guardrails.



Lane Departure Warning System
For high-speed driving assistance, to remind the driver with immediately alert when the vehicle is too close the lane or abnormally offset the lane line.



Forward-Collision Warning System
Detecting the vehicle in front and calculating the relative distance between the two cars and the relative speed. When the distance is less than the safe range, the warning signal is generated and the vehicle is decelerated to maintain the proper safety distance to avoid collision with the preceding vehicle for driving safety.



Parking Assistance
The rear moving object detection system (ROD) can detect various objects approaching from the blind areas on both sides while reversing, and issue an alarm to effectively reduce the accident that a driver may not pay attention to the left and right blind spots while parking.



Professional team for customized service
Our professional team is from industrial, official, academic and research circles to provide safe and stable solutions of the advanced driver-assistance systems. Systems can be customized to add software functions according to actual needs for system integration.