

Global Advanced Driver Assistance System (ADAS) Market - Forecasts from 2018 to 2023

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Abstracts

The Advanced Driver Assistance System (ADAS) market is projected to expand at a CAGR of 13.59% over the forecast period of 2017-2023. Rising number of global road accidents has forced the governments worldwide to take necessary measures for the drivers' safety. According to the World Health Organization (WHO), more than 1.25 million people die each year due to road traffic crashes. Government initiatives and policies regarding the mandatory use of driver assistance system and advanced braking system in passenger cars is proliferating the growth of ADAS market. In September 2017, the U.S. Department of Transportation and the National Highway Traffic Safety Administration (NHTSA) released new federal guidance for automated driving systems (ADS) to industry and States, supporting further development of the technology. The safe deployment of automated vehicle technologies will lead to fewer traffic fatalities, thus positively impacting the growth of ADAS market throughout the forecast period. Rising level of technological innovation and growing investments in vehicle automation and self-driving cars is another major driver of global ADAS market.

By solution, ADAS market is segmented as adaptive cruise control, parking assistance, blind spot detection system, collision warning and braking system, and others. The share of adaptive cruise control segment will grow at a significant rate during the forecast period as it provides much better driver's safety while avoiding fatal road accidents.

By sensor type, the ADAS market is segmented as radar sensors, LiDAR sensors, ultrasonic sensors, imaging sensors, and others. LiDAR sensors for ADAS will witness a significant CAGR between 2017 and 2023 on account of rising investments in LiDAR technology for developing fully autonomous cars, especially in developed economies. Geographically, Europe dominated the global ADAS market in 2017 owing to stringent regulations regarding driver's safety coupled with high investments in ADAS by global automakers. European Union has mandated the automotive manufacturers to fit ADAS

systems such as autonomous emergency braking systems (AEBS) and lane departure warning systems (LDWS) in all heavy commercial vehicles weighing over 7,000 Kilograms.

Major industry players profiled as part of the report are Robert Bosch GmbH, Continental AG, Aptiv, Valeo, and Autoliv Inc. among others.

Segmentation

The Advanced Driver-Assistance System (ADAS) market is segmented by solution, sensor type, vehicle type, and geography.

By Solution

Adaptive Cruise Control

Parking Assistance

Blind Spot Detection System

Collision Warning and Braking System

Others

By Sensor Type

Radar Sensors

LiDAR Sensors

Ultrasonic Sensors

Imaging Sensors

Others

By Vehicle Type

Passenger Cars

Commercial Vehicles

Light Commercial Vehicle

Heavy Commercial Vehicle

By Geography

North America

US

Canada

Mexico

Others

South America

Brazil

Others

Europe

United Kingdom

Germany
France
Spain
Italy
Others
Middle East and Africa
Israel
UAE
Others
Asia Pacific
China
India
Japan
South Korea
Others

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