

Global Autonomous Vehicles & ADAS Market 2018 by Manufacturers, Regions, Type and Application, Forecast to 2023

<https://marketpublishers.com/r/GD355FD2F1DEN.html>

Date: December 2018

Pages: 136

Price: US\$ 3,480.00 (Single User License)

ID: GD355FD2F1DEN

Abstracts

Advanced driver-assistance systems, or ADAS, are systems to help the driver in the driving process. Autonomous driving is supported by cloud data, car-to-car communication, and car-to-infrastructure communication. In consequence, ADAS systems must link to a vehicle's communication module directly to enable fully autonomous driving

Scope of the Report:

This report focuses on the Autonomous Vehicles & ADAS in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. The race to develop autonomous vehicles (AV) and advanced driver assistance systems (ADAS) is on. Major vehicle original equipment manufacturers and tier-1 suppliers, as well as disruptive newcomers, are accelerating AV and ADAS development efforts to get ahead in the race.

Autonomous driving technology — involving radar, lidar, V2X communication, sensor fusion and deep learning — is drastically different from traditional automotive technology. Moreover, it is safety critical, so any errors could quickly lead to fatal consequences. Companies would ideally need to road test autonomous vehicles for billions of miles to meet safety standards, but that would require centuries of development time. AV and ADAS development can only be achieved with the speed, economy and precision of computer simulation. Simulation is centrally important in developing autonomous vehicles. Using simulation, engineers can rapidly test thousands of driving scenarios. They can also optimize the performance of sensors and algorithms, accelerating time to market.

The worldwide market for Autonomous Vehicles & ADAS is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Continental AG

Mobileye

Autoliv Inc.

Magna International

Hyundai Mobis

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Adaptive Cruise Control

Blind Spot Detection System

Park assistance

Lane Departure Warning System

Tire Pressure Monitoring System

Autonomous Emergency Braking

Adaptive Front Lights

Others

Market Segment by Applications, can be divided into

Passenger car

Commercial vehicle

There are 15 Chapters to deeply display the global Autonomous Vehicles & ADAS market.

Chapter 1, to describe Autonomous Vehicles & ADAS Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Autonomous Vehicles & ADAS, with sales, revenue, and price of Autonomous Vehicles & ADAS, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Autonomous Vehicles & ADAS, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Autonomous Vehicles & ADAS market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Autonomous Vehicles & ADAS sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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