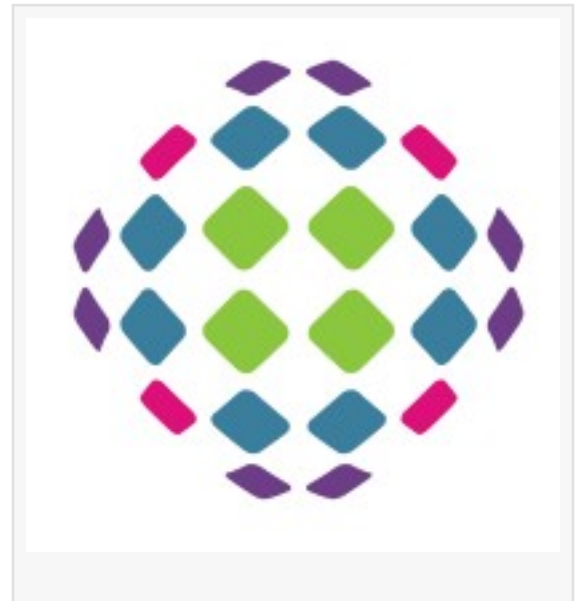# Advance Driver Assistance System Market Analysis 2022, Growth Opportunities, Trends, Forecast to 2031 | Aptiv

SAN FRANCISCO, CALIFORNIA, UNITED STATES, September 20, 2022 /EINPresswire.com/ -- The term "advanced driver assistance system" describes a broad range of active and passive technology intended to improve the comfort, safety, and effectiveness of the driver. These actions have improved the safety of drivers, passengers, and pedestrians. Software, radars, cameras, and sensors are all used in the exact operation of the vehicle. Autonomous emergency braking, blind-spot detection, adaptive cruise control, park assist, and lane departure warning are examples of ADAS capabilities. Artificial intelligence has greatly benefited the automotive sector (AI).

The ADAS market is being driven by new technology and the expansion of the automotive industry. Over the course of the research period, it is anticipated that urbanization, industrialisation, rising living standards, and the use of autonomous vehicles will drive the ADAS market.

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Most accidents are caused by sloppy and mistaken driving. The annual death toll from automobile accidents is 1.3 million. ADAS improves the safety of cars and pedestrians while reducing traffic congestion and vehicular accidents.

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Aptiv, Continental AG, Denso, Hyundai Mobis, Magna International, Robert Bosch, Valeo, Veoneer, ZF Friedrichshafen, and others

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The market has grown as a result of increased consumer awareness of the safety and comfort of passenger vehicles with ADAS integration. The market expansion is also being fueled by the growing government regulations governing the installation of ADAS in automobiles for passenger safety in developed countries like the United States, Japan, China, and Germany. To reduce the likelihood of accidents, India, for example, plans to implement electronic stability control (ESC) and automated emergency braking (AEB) in automobiles by 2022-2023.

The use of cars is also fueled by increased urbanization, rising per capita income, and bettering living conditions. boosting the use of these systems as a result. Additionally, major automakers like Volkswagen, Audi AG, and Mercedes Benz are fueling the expansion of the sophisticated driver assistance system by raising the demand for luxury vehicles in developed countries.

The ADAS market is driven by rising safety awareness and an uptick in incidents. Along with the progress in car technology, there is a growing demand for sophisticated systems such emergency braking systems, night vision systems, and road sign recognition systems. Additionally, the market is expanding because to the growing acceptability of autonomous or self-driving vehicles.

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According to the study, the global [Advance Driver Assistance System](#) Market is divided into segments based on product type and application. The market share and growth rate of each segment are used to evaluate it. Additionally, the analysts have considered potential areas that might profit Advance Driver Assistance System Market producers in the ensuing years. Accurate value and volume estimates are provided by the regional research, enabling market participants to have a complete picture of the Advance Driver Assistance System Market business as a whole.

On the basis of Type, the Global Advance Driver Assistance System Market is segmented into:
• Tire Pressure Monitoring System (TPMS)
• Drowsiness Monitor System
• Intelligent Parking Assist System (IPAS)
• Adaptive Cruise Control System
• Blind Spot Object Detection System
• Lane Departure Warning System
• E-Call System
• Road Sign Assistance
• Autonomous Emergency Braking
• Others

On the basis of Component, the Global Advance Driver Assistance System Market is segmented into:

• Hardware
• Software
• Services

On the basis of Sensor Type, the Global Advance Driver Assistance System Market is segmented into:
• Camera Unit
• LiDAR
• Radar Sensor
• Ultrasonic Sensors
• Others

On the basis of Propulsion Type, the Global Advance Driver Assistance System Market is segmented into:
• IC Engine Vehicle
• Electric Vehicle
 Battery Electric Vehicles (BEV)
 Hybrid Electric Vehicles (HEV)
 Plug-in Hybrid Electric Vehicle (PHEV)
 Fuel Cell Electric Vehicle (FCEV)

On the basis of Vehicle Type, the Global Advance Driver Assistance System Market is segmented into:
• Passenger Vehicle
• Light Commercial Vehicle
• Heavy Commercial Vehicle

On the basis of Region, the Global Advance Driver Assistance System Market is segmented into:
• North America
• Europe
• Asia Pacific
• Latin America
• Middle East and Africa

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The key manufacturers in the market are mentioned in this section of the report. It helps the reader in grasping the tactics and alliances that participants are adopting to resist market competition. The extensive research offers an important microscopic view of the market. Analyzing the regional revenue of manufacturers during the predicted period will enable the reader to locate their geographic footprints.

The base on geography, the world market of Advance Driver Assistance System Market has been

segmented as follows:

 North America includes the United States, Canada, and Mexico

 Europe includes Germany, France, the UK, Italy, Spain

 South America includes Colombia, Argentina, Nigeria, and Chile

 The Asia Pacific includes Japan, China, Korea, India, Saudi Arabia, and Southeast Asia

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 A brief description of the Advance Driver Assistance System Market

 Modifications to industry market dynamics

 A complete segmentation of the market by type, application, etc.

 Market size in terms of volume and value in the past, present, and future

 Current market trends and expansion

 The competitive environment in Advance Driver Assistance System Market

 Prominent companies and product policies

 A potential niche market or territory that is growing quickly.

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Hycan Automobile Technology and Robert Bosch (China) Investment Ltd. (Bosch China) created an automated valet parking system in 2021. Hycan Z03 will be equipped with this technology. The vehicle will autonomously drive to the parking lot as directed and park at the designated position by precisely determining the direction and avoiding obstructions when the driver engages the automated valet parking function on the smartphone. Level-4 autonomous driving is the category in which the automated valet parking technology falls.

In order to support advanced ADAS capabilities and improve the existing ZF coASSIST semi-automated system on the Dongfeng Aeolus Yixuan MAX in China, ZF unveiled its next-generation

mid-range radar in 2021. The mid-range radar from ZF is a high-performance 77GHz front radar created to provide semi-automated driving features and meet Euro NCAP 5-Star Safety Ratings by 2022+.

Toyota Motor Corp. chose ZF and Mobileye in 2021 to create Advanced Driver Assistance Systems (ADAS) for several vehicle platforms over the following few years. In accordance with the deal, ZF, one of the top manufacturers of automotive cameras powered by Mobileye technology, will also provide its Gen21 mid-range radar and be in charge of integrating the two systems in Toyota cars.

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██ ████████████, the Advance Driver Assistance System Market report is the reliable source for market research that can significantly speed up your company. The research displays economic data, including market growth rates, numbers, key regions, product values, profits, limits, generation, supply, and requirements.

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Advance Driver Assistance System Market offers customized reports based on your requirements. To meet your specific needs, this report can be customized. Contact our sales team, who will ensure that you receive a report that meets your specifications.

How we have factored the effect of Covid-19 in our report:

The market effects of COVID-19 have been monitored in all of the data we've listed. This has taken into account both upstream and downstream of the complete supply chain. Moreover, if it is feasible, we will add a COVID-19 update supplement/report to the report in Q3. For more information, contact the sales team.

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Mr. Shah

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