

Advance Driver Assistance System (ADAS) Market is Expected to Grow Industry Opportunity, Scope, and Restrains Challenges

#3200, SEATTLE, WASHINGTON, UNITED STATES, February 17, 2022 /EINPresswire.com/ -- Advanced Driver Assistance Systems are intelligent systems that reside inside the vehicle and assist the main driver in a variety of ways. These systems may be used to provide vital information about traffic, closure and blockage of roads ahead, congestion levels, suggested routes to avoid congestion etc.



advance driver assistance systems (ADAS)

ADAS uses sensors in the vehicle such as radar and cameras to perceive the world around it, and then either provides information to the driver or takes automatic action based on what it perceives.

Advanced driver assistance systems, or ADAS, is the term used to describe the growing number of safety functions designed to improve driver, passenger and pedestrian safety by reducing both the severity and overall number of motor vehicle accidents. ADAS can warn drivers of potential dangers, intervene to help the driver remain in control in order to prevent an accident and, if necessary, reduce the severity of an accident if it can't be avoided.

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Automobiles are the foundation of the next generation of mobile-connected devices, with rapid advances being made in autonomous vehicles. Autonomous application solutions are partitioned into various chips, called SoCs. These chips connect sensors to actuators through interfaces and high-performance ECUs.

Self-driving cars use a variety of these applications and technologies to gain 360-degree vision,

both near and far. That means hardware designs are using more advanced process nodes to meet ever-higher performance targets while simultaneously reducing demands on power and footprint.

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- Aptiv
- Continental AG
- Denso
- Hyundai Mobis
- Magna International
- Robert Bosch
- Valeo
- Veoneer
- ZF Friedrichshafen
- vand others

Global Advance Driver Assistance System market: Regional Analysis:-

The major regions covered in the report are North America, Europe, Asia-Pacific, South America, Middle East & Africa, etc. The report has specifically covered major countries including the U.S., Canada, Germany, France, the U.K., Italy, Russia, China, Japan, South Korea, India, Australia, Taiwan, Indonesia, Thailand, Malaysia, Philippines, Vietnam, Mexico, Brazil, Turkey, Saudi Arabia, U.A.E, etc. It includes revenue and volume analysis of each region and their respective countries for the forecast years.

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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

How is the Report Helpful?

□ The report has a very high utility for the key decision-makers and strategists in terms of accurate market insights, future growth opportunities, and key success factors.

□ Most importantly, the report analyses the possible impact of COVID-19 on the market dynamics which offers cushioning against the uncertain business environment and helps in streamlining the resources and investment decisions in a fruitful manner.

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Reasons to Buy this Advance Driver Assistance System Market Report:

