+357 96 030922
info@marketpublishers.com

Blind Spot Detection (BSD) System and Adaptive Cruise Control (ACC) System Market Forecasts to 2034 – Global Analysis By Type (Camera, Rador Sensor, Ultrasonic Sensor and Other Types), Application, and By Geography

https://marketpublishers.com/r/BDD800AA7B2CEN.html
Date: May 2026
Pages: 200
Price: US$ 4,150.00 (Single User License)
ID: BDD800AA7B2CEN

Abstracts

According to Stratistics MRC, the Global Blind Spot Detection (BSD) System and Adaptive Cruise Control (ACC) System Market is accounted for $2.20 billion in 2026 and is expected to reach $8.96 billion by 2034 growing at a CAGR of 19.2% during the forecast period. The Blind Spot Detection (BSD) System is a vehicle safety feature designed to alert drivers about vehicles in their blind spots, typically located on either side of the car, and the Adaptive Cruise Control (ACC) System is an advanced driver assistance feature that enhances traditional cruise control. While BSD focuses on detecting and alerting the driver to vehicles in the blind spots, ACC maintains a safe following distance by automatically adjusting the vehicle's speed based on the distance to the vehicle ahead. These systems contribute to improved highway safety and reduce driver fatigue by managing speed in varying traffic conditions by addressing different aspects of potential collisions, showcasing the synergy between technology and safety in modern automotive design.

According to the World Health Organization, nearly 1.35 million people die annually, due to road accidents.

Market Dynamics:

Driver:

Increasing emphasis on vehicle safety

+357 96 030922
info@marketpublishers.com

The emphasis on vehicle safety is not only a consumer preference but is also reinforced by regulatory bodies globally, driving automakers to integrate advanced safety features like BSD and ACC into their vehicles. This proactive approach to maintaining a safe following distance enhances overall road safety, especially in situations where sudden deceleration is required, which fosters a safer and technologically advanced driving environment.

Restraint:

High cost

The implementation of BSD and ACC systems requires sophisticated sensors, cameras, and computing power, which contribute to the overall cost of the vehicle. The cost of manufacturing and integrating these systems into vehicles was relatively high due to the need for specialized components and intricate installation processes. Hence, this further increased the price of vehicles equipped with BSD and ACC systems, making them less affordable for average consumers and hindering this market.

Opportunity:

Technological advancements and innovation

The continuous progress in sensor technologies, radar systems, and computing capabilities has led to the development of more sophisticated and reliable ADAS features. Innovations in sensor fusion algorithms enable faster and more precise identification of potential collision risks, enhancing the effectiveness of BSD systems. Moreover, for ACC systems, ongoing technological innovation focuses on refining radar sensor capabilities and enhancing vehicle-to-vehicle communication that contribute to both safety and driving convenience, which drive this market size.

Threat:

Lack of awareness

BSD and ACC systems were relatively new technologies that required consumers to understand their benefits and how they functioned. However, the lack of awareness and knowledge about these systems made it challenging for automakers to effectively market and promote their advantages to potential buyers. As a result, many consumers

+357 96 030922
info@marketpublishers.com

were unaware of the existence and potential benefits of BSD and ACC systems, leading to limited demand and hampering market growth.

Covid-19 Impact

The COVID-19 pandemic has had several negative impacts on the Blind Spot Detection (BSD) System and Adaptive Cruise Control (ACC) System markets. One significant challenge has been the disruption in the global automotive supply chain. Lockdowns, restrictions, and logistical challenges resulted in a shortage of essential components, affecting the production and distribution of vehicles equipped with BSD and ACC systems. Furthermore, consumer spending constraints during economic uncertainties have also impacted the market.

The rador sensor segment is expected to be the largest during the forecast period

The rador sensor segment is estimated to hold the largest share due to its functionality and effectiveness in ensuring vehicle safety. In BSD systems, radar sensors are strategically placed on the sides of the vehicle to continuously monitor adjacent lanes for the presence of other vehicles. Similarly, in ACC systems, they are typically mounted at the front of the vehicle and are responsible for constantly measuring the distance and relative speed of the vehicle in front. Therefore, the growing adoption of radar sensor technology in both BSD and ACC systems leverages advanced sensor technologies, which drive this segment's expansion.

The sport utility vehicle (SUV) segment is expected to have the highest CAGR during the forecast period

The sport utility vehicle (SUV) segment is anticipated to have highest CAGR during the forecast period due to their larger size, addressing blind spots that might be more pronounced in these vehicles. As SUVs are often larger vehicles with larger blind spots, BSD has become a sought-after feature for many SUV buyers. Moreover, ACC, on the other hand, appealed to drivers who frequently embarked on long trips, as it reduced fatigue and made highway driving more comfortable, which is boosting this segment's growth.

Region with largest share:

Europe commanded the largest market share during the extrapolated period owing to its significant traction as integral components of advanced driver assistance systems

+357 96 030922
info@marketpublishers.com

(ADAS). The European automotive market places a strong emphasis on safety and technological innovation, driving the adoption of BSD and ACC in various vehicle segments. Furthermore, the densely populated and diverse road environments across European countries make BSD systems crucial for enhancing safety, which is propelling this region’s expansion.

Region with highest CAGR:

North America is expected to witness highest CAGR over the projection period, owing to the region's commitment to technological advancements and road safety. This region is home to some of the major key players, such as Valeo SA, Magna International Inc., ZF Friedrichshafen AG, and Bosch GmbH. Moreover, this region has been at the forefront of adopting advanced driver assistance systems (ADAS), and BSD and ACC are integral components contributing to safety and reducing the risk of accidents caused by unintentional lane changes, which drive this region's growth.

Key players in the market

Some of the key players in the Blind Spot Detection (BSD) System and Adaptive Cruise Control (ACC) System Market include Hella, Autoliv, Aisin, Continental AG, Trw, Bosch GmbH, Valeo SA, Delphi Technologies, and Denso Corporation.

Key Developments:

In December 2023, Continental and Telechips Collaborate on Smart Cockpit High-Performance Computers.

In November 2022, Hella Gutmann and ADAC extend their partnership with telematics and remote diagnosis.

Types Covered:

- Camera
- Rador Sensor
- Ultrasonic Sensor
- Other Types

+357 96 030922
info@marketpublishers.com

Applications Covered:

- Roadster
- Minivan
- Sport Utility Vehicle (SUV)
- Other Applications

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany
  - UK
  - Italy
  - France
  - Spain
  - Rest of Europe
- Asia Pacific

+357 96 030922
info@marketpublishers.com

- Japan
- China
- India
- Australia
- New Zealand
- South Korea
- Rest of Asia Pacific

South America

- Argentina
- Brazil
- Chile
- Rest of South America

Middle East & Africa

- Saudi Arabia
- UAE
- Qatar
- South Africa
- Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments

+357 96 030922
info@marketpublishers.com

- Strategic recommendations for the new entrants
- Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032 and 2034
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

8 KEY DEVELOPMENTS

9 COMPANY PROFILING

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Blind Spot Detection (BSD) System and Adaptive Cruise Control (ACC) System Market Forecasts to 2034 – Global Analysis By Type (Camera, Rador Sensor, Ultrasonic Sensor and Other Types), Application, and By Geography

Product link: https://marketpublishers.com/r/BDD800AA7B2CEN.html

Price: US$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/BDD800AA7B2CEN.html