

# Automotive Radar Sensors - Global Market Outlook (2017-2026)

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## Abstracts

According to Statistics MRC, the Global Automotive radar sensors Market is expected to grow at a CAGR of 18.9% during the forecast period. Increase in number of RADAR sensors used per vehicle, rising government regulations for vehicle safety and increase in adoption of ADAS technology by OEMS and increased demand for premium segment vehicles are some of the key driving factors. However, the high cost of radar sensors and the corresponding technology is one of the key restraints of the market.

Automotive radars are driver assistance systems that use sensors to detect the speed and range of objects in proximity of the vehicle. It is a core sensor (range, speed) of driver assistance systems: long range (LRR) for Adaptive Cruise Control, medium range (MRR) for cross traffic alert and lane change assist, short-range (SRR) for parking aid, obstacle/pedestrian detection. A key component of ADAS is radar systems that constantly sense the distance between vehicles in real-time, improving driving efficiency and safety.

Amongst Application, Intelligent parking assistant segment is held significant during the growth of the forecast period. Vehicle equipped with the intelligent parking assist system(IPAS) in-dash screen and button controls, the car can steer itself into a parking space with little input from the user. It has several outstanding characteristics, such as intelligent prompts for parking dynamic track, reading the data of original parking, giving reference to the car exact position itself. North America estimated to be the largest market, by value, for automotive radar systems owing to the safety regulations in the region. Increased awareness towards safety features has also fueled the demand in the region.

Some of the key players in Automotive Radar Sensors are Boston Scientific

Corporation, Market Drot, Canon Medical Systems Corporation, Abbott Vascular, Koninklijke Philips N.V, ST. Jude Medical, Merit Medical Systems, Inc, Medtronic Inc, Shimadzu Corporation, Toshiba Corporation, Philips Healthcare, Siemens Healthcare, Cordis Corporation (A Jnj Company), GE Healthcare, AngioDynamics, Inc.

#### Range Covered:

Long range (>77 GHz)

Medium range (76-77 GHz)

Short range (24 GHz)

#### Application Covered:

Intelligent Parking Assistance (IPA)

Forward Collision Warning System (FCWS)

Blind Spot Detection (BSD)

Lane Change Assist (LCA)

Rear Cross Traffic Assist (RCTA)

Autonomous Emergency Braking (AEB)

Adaptive Cruise Control (ACC)

Other Applications

Rear Collision Warning

Exit Assist applications

#### Vehicle Covered:

Commercial Vehicle

Economic Passenger Vehicle

Luxury Passenger Vehicle

Mid-Priced Passenger Vehicle

Geography Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

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

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

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