

Summary

Global Automotive Radar Market Growth Research Report: Information by Application (Adaptive Cruise Control (ACC), Blind Spot Detection (BCD), Forward Collision Warning System (FCWS), Lane Departure Warning System (LDWS) and Parking Assistance (PA)), Frequency (24, 77, and 79 GHz), Technology (LiDAR, Millimeter-Wave Radar, Camera and Ultrasonic Radar) and by Region (North America, Europe, Asia-Pacific and Rest of the World) - Forecast till 2025

Automotive Radar Market Growth Synopsis

The automotive radars are devices used in advanced cruise control systems to direct a vehicle's accelerator and braking systems. It also helps maintain a distance between two vehicles. The radar sensors take note of vital information, such as doppler velocity, range and angle. This information is used to determine the driving situation and intimate the driver of potentially dangerous events ahead.

The major drivers for automotive radar application industry market are increase in awareness about the driving safety among the end consumers and various government initiatives to reduce the road accidents.

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The increase in the production of automobiles is another major factor projected to affect the Automotive Radar Market Growth positively in the foreseeable future. In addition, the rising demand for high-end cars is likely to influence the expansion of the market favorable across the review period.

Competitive Dashboard

Some of the key players profiled in this MRFR report are Robert Bosch GMBH (Germany), Valeo (France), Continental AG (Germany), Panasonic Corporation (Japan), TRW Automotive (U.S.), Delphi (U.K.), Sabertek (U.S.), Denso (Japan), Hella KGAA Hueck & Co. (Germany), and Fujitsu Ten Ltd (U.S.).

Industry News

In February 2019, Cadence Design Systems, an American multinational electronic design automation software as well as engineering services company, has claimed 10X boost for automotive radar/lidar with the launch of highest-performing DSP IP as addition to the ConnX family.

In February 2019, Fractal Antenna Systems, Inc., has applied for patent its new technology for making to make road tags brighter to vehicular radar. The technology is aimed at improving driverless vehicle tracking as well as enabling the antiquation of LIDAR systems.

In January 2019, Arbe, the first company to showcase ultra-high-resolution 4D imaging radar, has announced the launch of its automotive 4D imaging radar beta product, Phoenix, in CES 2019.

Market Segmentation

By application, the global [Automotive Radar Market Growth](#) applications market has been segmented into parking assistance, forward collision warning system, adaptive cruise control, lane departure warning system, and blind spot detection.

By frequency, the Automotive Radar Market Growth has been segmented into 24 GHz, 77 GHz, and 79 GHz.

By technology, the global Automotive Radar Market Growth has been segmented into LiDAR, millimeter wave radar, camera, and ultrasonic radar.

Regional Analysis

The regional analysis of the global Automotive Radar Market Growth spans across North America, Europe, Asia Pacific, and the Rest of the World (RoW). Europe held a major share of the global market in 2015 accounting for 35.98%. The thriving automotive sector of the region is primarily responsible for the growth of the market in the region. In addition, the increase in the number of radar sensors used per vehicle is also expected to lead the proliferation of the regional market in the forthcoming years.

North America, with a holding of 26.16% market share in 2015, trails Europe market. The regional market has gained quick mileage owing to the presence of global leaders in the region. In addition, the rising demand for autonomous and semi-autonomous cars is further expected to favor the expansion of the Automotive Radar Market Growth in the forthcoming years. Asia Pacific is also expected to witness positive growth over the next few years. The major fast-developing country-level markets such as China, Japan, South Korea, etc. are anticipated to lead the growth of the regional market.

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Contact

Market Research Future

+1 646 845 9312

Email: sales@marketresearchfuture.com