

Technology Landscape, Trends and Opportunities in the Automotive Radar Market

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Abstracts

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The technologies in automotive radar have undergone significant change in recent years, with low frequency short range radar system t%li%high frequency long range radar system. The rising wave of new technologies, such as short range radar, medium range radar, and long range radar technologies are creating significant potential for automotive radar in various applications due t%li%active safety systems, which assist drivers t%li%virtually look through the vehicles and sense the static and dynamic objects on the road.

The growth of short range, medium range, and long range radar technologies are creating potential for automotive radar in different ADAS applications, such as adaptive cruise control, blind spot detection, forward collision warning system, and intelligent parking assistance. Rising government regulations for vehicle safety, increasing adoption of ADAS (advanced driver-assistance systems) technology by OEMs, high demand for premium segment vehicles, and rise in number of radar sensors used per vehicle are creating new opportunities for various automotive radar technologies.

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the automotive radar market. Some insights are depicted below by a sample figure. For more details on figures, the companies researched, and other objectives/benefits on this research report, please download the report brochure.

The study includes technology readiness, competitive intensity, regulatory compliance, disruption potential, trends, forecasts and strategic implications for the automotive radar

technology by application, technology, and region as follows:

Technology Readiness by Technology Type[\$M shipment analysis from 2018 to 2030]:

Competitive Intensity and Regulatory Compliance

Disruption Potential by Technology Type

Trends and Forecasts by Technology Type [\$M shipment analysis from 2018 to 2030]:

Short Range Radar

Medium Range Radar

Long Range Radar

Technology Trends and Forecasts by Application [\$M shipment analysis from 2018 to 2030]:

Adaptive Cruise Control (ACC)

Short Range Radar

Medium Range Radar

Long Range Radar

Blind Spot Detection (BSD)

Short Range Radar

Medium Range Radar

Long Range Radar

Forward Collision Warning System (FCWS)

Short Range Radar

Medium Range Radar

Long Range Radar

Intelligent Parking Assistance (IPA)

Short Range Radar

Medium Range Radar

Long Range Radar

Technology Trends and Forecasts by Region [\$M shipment analysis for 2018 to 2030]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

Japan

China

South Korea

India

The Rest of the World

Latest Developments and Innovations in the Automotive Radar Technologies

Companies / Ecosystems

Strategic Opportunities by Technology Type

Some of the automotive radar companies profiled in this report include Robert Bosch, Hella, Continental, Denso Corporation, Delphi Automotive, Autoliv, and Valeo.

This report answers following 9 key questions:

Q.1 What are some of the most promising and high-growth technology opportunities for the automotive radar market?

Q.2 Which technology will grow at a faster pace and why?

Q.3 What are the key factors affecting dynamics of different technologies? What are the drivers and challenges of these technologies in automotive radar market?

Q.4 What are the levels of technology readiness, competitive intensity and regulatory compliance in this technology space?

Q.5 What are the new technology developments in automotive radar market? Which companies are leading these developments?

Q.6 What are the latest developments in automotive radar technologies? Which companies are leading these developments?

Q.7 Which technologies have potential of disruption in this market?

Q.8 What are the major players in this automotive radar market? What strategic initiatives are being implemented by key players for business growth?

Q.9 What are strategic growth opportunities in this automotive radar technology space?

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