

Global Radar Sensor Market: Size, Trend, Share, Opportunity Analysis & Forecast, 2014-2025

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Abstracts

Radar sensors transmit radiations at radio frequency and use the intercepted return to derive the properties of the earth's surface. Radar sensors provide very unique advantages in varied applications in automotive, aerospace & defense, industrial, security & surveillance, traffic monitoring & management, environmental & weather monitoring, medical, healthcare, agricultural sectors, and applications in construction machines and smart electronic devices. The global radar sensor market is expected to grow at a CAGR of 8.2% from 2017 to 2025.

Based on product type, the market is segmented into imaging radar and non-imaging radar. Based on technology, the market is classified into time domain reflectometry, ultra-wideband, and others. On the basis of application, the market is segmented as automotive, aerospace & defense, industrial, security & surveillance, traffic monitoring & management, environmental & weather monitoring, and others. Geographic breakdown and deep analysis of each of the aforesaid segments is included for North America, Europe, Asia-Pacific, and LAMEA.

MARKET DYNAMICS:

Drivers:

Increase in benefits compared to other remote sensing technologies.

Increase in adoption for various applications.

Comfort, safety & assistance features offered by the usage of radar sensors.

Restrains:

Requires specialized training for analysis of images.

MARKET PLAYERS:

The top players in the global radar sensor market include Infineon Technologies AG, NXP Semiconductors N.V., HELLA KGaA Hueck & Co., Hitachi Ltd., Fujitsu Ten Limited, Robert Bosch GmbH, Continental AG, Denso Corporation, Raytheon Company, and Northrop Grumman Corporation.

KEY TAKEAWAYS**MARKET LANDSCAPE**

By Product Type

Imaging Radar

Non-imaging Radar

By Technology

Time Domain Reflectometry

Ultra-Wideband

Others

By Application

Automotive

Aerospace & Defense

Industrial

Security & Surveillance

Traffic Monitoring & Management

Environmental & Weather Monitoring

Others

By Geography

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific

China

Japan

India

Australia

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

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