

Global 77GHz mmWave Radar Sensor Market Growth 2022-2028

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Abstracts

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77GHz mmWave Radar Sensor is a special class of radar technology that uses short-wavelength electromagnetic waves. A radar system transmits an electromagnetic wave signal, which is then reflected by objects in its path. By capturing reflected signals, radar systems can determine the distance, velocity and angle of objects.

The global market for 77GHz mmWave Radar Sensor is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC 77GHz mmWave Radar Sensor market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States 77GHz mmWave Radar Sensor market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe 77GHz mmWave Radar Sensor market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China 77GHz mmWave Radar Sensor market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key 77GHz mmWave Radar Sensor players cover Texas Instruments, ANNGIC, Nanoradar, Mistral Solutions Pvt. Ltd. and Denso, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage

This latest report provides a deep insight into the global 77GHz mmWave Radar Sensor market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global 77GHz mmWave Radar Sensor market, with both quantitative and qualitative data, to help readers understand how the 77GHz mmWave Radar Sensor market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in K Units.

Market Segmentation:

The study segments the 77GHz mmWave Radar Sensor market and forecasts the market size by Type (Pulse and Continuous Wave,), by Application (Car Self-cruising System, Car Automatic Emergency Braking and Automobile Forward Collision Avoidance,), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Pulse

Continuous Wave

Segmentation by application

Car Self-cruising System

Car Automatic Emergency Braking

Automobile Forward Collision Avoidance

Segmentation by region

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Major companies covered

Texas Instruments

ANNGIC

Nanoradar

Mistral Solutions Pvt. Ltd.

Denso

Bosch

Continental

Aptiv

Hella

Valeo

Veoneer

Calterah

Chapter Introduction

Chapter 1: Scope of 77GHz mmWave Radar Sensor, Research Methodology, etc.

Chapter 2: Executive Summary, global 77GHz mmWave Radar Sensor market size (sales and revenue) and CAGR, 77GHz mmWave Radar Sensor market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: 77GHz mmWave Radar Sensor sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global 77GHz mmWave Radar Sensor sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global 77GHz mmWave Radar Sensor market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Texas Instruments, ANNGIC, Nanoradar, Mistral Solutions Pvt. Ltd., Denso, Bosch, Continental, Aptiv and Hella, etc.

Chapter 14: Research Findings and Conclusion

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