

Global Vehicle Vital Signs Detection Radar Market Growth 2024-2030

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Abstracts

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Vehicle-mounted vital signs detection radar products are suitable for many passenger models. They can provide drivers with real-time heartbeat and breathing safety monitoring to avoid dangerous driving caused by sudden physical discomfort. They can also provide space occupancy detection for rear passengers or pets. , can effectively prevent children and pets from being forgotten in the car, ensure the safety of drivers and passengers, and improve the safety factor of the cockpit. As many as 1,050 children have died due to vehicular heatstroke in the US since 1990 (source: The New York Times). Global governments aim to reduce these preventable tragedies, with the United States Hot Cars Act, Federal Communications Committee and the European New Car Assessment Programme. Prioritizing the integration of in-cabin child safety technologies requiring child presence detection (CPD) in all new cars by 2025. This market is expected to achieve rapid growth in the next few years.

The global Vehicle Vital Signs Detection Radar market size is projected to grow from US\$ 819.8 million in 2023 to US\$ 3931.9 million in 2030; it is expected to grow at a CAGR of 25.1% from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Vehicle Vital Signs Detection Radar Industry Forecast" looks at past sales and reviews total world Vehicle Vital Signs Detection Radar sales in 2023, providing a comprehensive analysis by region and market sector of projected Vehicle Vital Signs Detection Radar sales for 2024 through 2030. With Vehicle Vital Signs Detection Radar sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Vehicle Vital Signs Detection Radar industry.

This Insight Report provides a comprehensive analysis of the global Vehicle Vital Signs Detection Radar landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Vehicle Vital Signs Detection Radar portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Vehicle Vital Signs Detection Radar market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Vehicle Vital Signs Detection Radar and breaks down the forecast by Frequency, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Vehicle Vital Signs Detection Radar.

United States market for Vehicle Vital Signs Detection Radar is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Vehicle Vital Signs Detection Radar is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Vehicle Vital Signs Detection Radar is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Vehicle Vital Signs Detection Radar players cover Continental Engineering Services, Hyundai Mobis, Valeo, Fraunhofer IDMT and Bosch Mobility, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Vehicle Vital Signs Detection Radar market by product type, application, key manufacturers and key regions and countries.

Segmentation by frequency

60 GHz

77/79 GHZ

Other

Segmentation by application

OEM

Aftermarket

This report also splits the market 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

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Continental Engineering Services

Hyundai Mobis

Valeo

Fraunhofer IDMT

Bosch Mobility

Magna

Sykno GmbH

Harman

Pontosense

Chuhang Technology

Tsinglanst

WHST

Union Optech

Shenzhen Hua'antai

Key Questions Addressed in this Report

What is the 10-year outlook for the global Vehicle Vital Signs Detection Radar market?

What factors are driving Vehicle Vital Signs Detection Radar market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Vehicle Vital Signs Detection Radar market opportunities vary by end market size?

How does Vehicle Vital Signs Detection Radar break out frequency, application?

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