

Global Automotive Semi-Solid State LiDAR Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global Automotive Semi-Solid State LiDAR market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

Automotive Semi-Solid State LiDAR, which refers to a laser that is directed to a rotating mirror and then to a diffuser, which converts the laser dot into a laser line. The laser line moves back and forth, scanning the environment directly in front of us, providing us with a three-dimensional image of the scene.

The Global Info Research report includes an overview of the development of the Automotive Semi-Solid State LiDAR industry chain, the market status of Semi-Autonomous Vehicle (1D, 2D), Autonomous Vehicles (1D, 2D), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Automotive Semi-Solid State LiDAR.

Regionally, the report analyzes the Automotive Semi-Solid State LiDAR markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Automotive Semi-Solid State LiDAR market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Automotive Semi-Solid State LiDAR market. It provides a holistic view of the industry, as well as detailed insights into

individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Automotive Semi-Solid State LiDAR industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., 1D, 2D).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Automotive Semi-Solid State LiDAR market.

Regional Analysis: The report involves examining the Automotive Semi-Solid State LiDAR market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Automotive Semi-Solid State LiDAR market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Automotive Semi-Solid State LiDAR:

Company Analysis: Report covers individual Automotive Semi-Solid State LiDAR manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Automotive Semi-Solid State LiDAR This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Semi-Autonomous Vehicle, Autonomous Vehicles).

Technology Analysis: Report covers specific technologies relevant to Automotive Semi-

Solid State LiDAR. It assesses the current state, advancements, and potential future developments in Automotive Semi-Solid State LiDAR areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Automotive Semi-Solid State LiDAR market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Automotive Semi-Solid State LiDAR market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

1D

2D

Market segment by Application

Semi-Autonomous Vehicle

Autonomous Vehicles

Major players covered

Velodyne

Huawei

LeddarTech

Luminar

Quanergy Systems

Phantom Intelligence

Cepton Technologies

Innoviz Technologies

Neuvition

VanJee Technology

Innovusion Inc

RoboSense

Livox

Leishen

Hesai Technology

Zvision Technologies Co.,

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of

Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Automotive Semi-Solid State LiDAR product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automotive Semi-Solid State LiDAR, with price, sales, revenue and global market share of Automotive Semi-Solid State LiDAR from 2018 to 2023.

Chapter 3, the Automotive Semi-Solid State LiDAR competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automotive Semi-Solid State LiDAR breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Automotive Semi-Solid State LiDAR market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Automotive Semi-Solid State LiDAR.

Chapter 14 and 15, to describe Automotive Semi-Solid State LiDAR sales channel, distributors, customers, research findings and conclusion.

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