

# Global LiDAR for Automotive Market Research Report 2024(Status and Outlook)

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## Abstracts

### Report Overview:

Increasing stringency in safety regulations and a growing focus on autonomous and semi-autonomous cars to fuel the demand for automotive LiDAR.

The Global LiDAR for Automotive Market Size was estimated at USD 324.82 million in 2023 and is projected to reach USD 1108.42 million by 2029, exhibiting a CAGR of 22.70% during the forecast period.

This report provides a deep insight into the global LiDAR for Automotive 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, SWOT analysis, Porter's five forces analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global LiDAR for Automotive Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are

planning to foray into the LiDAR for Automotive market in any manner.

## Global LiDAR for Automotive Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

### Key Company

Trimbel

Hexagon AB

Sick AG

Topcon

Velodyne

Riegl

Valeo

Leosphere

Innovusion

Hesai

Ibeo

Ouster

LeddarTech

Robosense

Luminar

Beijing Wanji Technology

SureStar

Continental

LeiShen Intelligent System

Benewake

Quanergy

Cepton

Waymo

Huwei

Denso

Encradar

FaseLase

Innoviz

Aeva

Faro

BEA Sensor

Hokuyo

ASC

Livox

Market Segmentation (by Type)

Mechanical LiDAR

Solid State LiDAR

Market Segmentation (by Application)

Bumper & Grill

Headlight & Taillight

Roof & Upper Pillar

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the LiDAR for Automotive Market

Overview of the regional outlook of the LiDAR for Automotive Market:

#### Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

### Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Note: this report may need to undergo a final check or review and this could take about 48 hours.

### Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the LiDAR for Automotive Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the Market's Competitive Landscape of the

market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of LiDAR for Automotive
- 1.2 Key Market Segments
  - 1.2.1 LiDAR for Automotive Segment by Type
  - 1.2.2 LiDAR for Automotive Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 LIDAR FOR AUTOMOTIVE MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global LiDAR for Automotive Market Size (M USD) Estimates and Forecasts (2019-2030)
  - 2.1.2 Global LiDAR for Automotive Sales Estimates and Forecasts (2019-2030)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 LIDAR FOR AUTOMOTIVE MARKET COMPETITIVE LANDSCAPE**

- 3.1 Global LiDAR for Automotive Sales by Manufacturers (2019-2024)
- 3.2 Global LiDAR for Automotive Revenue Market Share by Manufacturers (2019-2024)
- 3.3 LiDAR for Automotive Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global LiDAR for Automotive Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers LiDAR for Automotive Sales Sites, Area Served, Product Type
- 3.6 LiDAR for Automotive Market Competitive Situation and Trends
  - 3.6.1 LiDAR for Automotive Market Concentration Rate
  - 3.6.2 Global 5 and 10 Largest LiDAR for Automotive Players Market Share by Revenue
  - 3.6.3 Mergers & Acquisitions, Expansion

### **4 LIDAR FOR AUTOMOTIVE INDUSTRY CHAIN ANALYSIS**



- 4.1 LiDAR for Automotive Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF LIDAR FOR AUTOMOTIVE MARKET**

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
  - 5.5.1 New Product Developments
  - 5.5.2 Mergers & Acquisitions
  - 5.5.3 Expansions
  - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

## **6 LIDAR FOR AUTOMOTIVE MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global LiDAR for Automotive Sales Market Share by Type (2019-2024)
- 6.3 Global LiDAR for Automotive Market Size Market Share by Type (2019-2024)
- 6.4 Global LiDAR for Automotive Price by Type (2019-2024)

## **7 LIDAR FOR AUTOMOTIVE MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global LiDAR for Automotive Market Sales by Application (2019-2024)
- 7.3 Global LiDAR for Automotive Market Size (M USD) by Application (2019-2024)
- 7.4 Global LiDAR for Automotive Sales Growth Rate by Application (2019-2024)

## **8 LIDAR FOR AUTOMOTIVE MARKET SEGMENTATION BY REGION**

- 8.1 Global LiDAR for Automotive Sales by Region
  - 8.1.1 Global LiDAR for Automotive Sales by Region
  - 8.1.2 Global LiDAR for Automotive Sales Market Share by Region
- 8.2 North America
  - 8.2.1 North America LiDAR for Automotive Sales by Country

8.2.2 U.S.

8.2.3 Canada

8.2.4 Mexico

8.3 Europe

8.3.1 Europe LiDAR for Automotive Sales by Country

8.3.2 Germany

8.3.3 France

8.3.4 U.K.

8.3.5 Italy

8.3.6 Russia

8.4 Asia Pacific

8.4.1 Asia Pacific LiDAR for Automotive Sales by Region

8.4.2 China

8.4.3 Japan

8.4.4 South Korea

8.4.5 India

8.4.6 Southeast Asia

8.5 South America

8.5.1 South America LiDAR for Automotive Sales by Country

8.5.2 Brazil

8.5.3 Argentina

8.5.4 Columbia

8.6 Middle East and Africa

8.6.1 Middle East and Africa LiDAR for Automotive Sales by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

## **9 KEY COMPANIES PROFILE**

9.1 Trimbel

9.1.1 Trimbel LiDAR for Automotive Basic Information

9.1.2 Trimbel LiDAR for Automotive Product Overview

9.1.3 Trimbel LiDAR for Automotive Product Market Performance

9.1.4 Trimbel Business Overview

9.1.5 Trimbel LiDAR for Automotive SWOT Analysis

9.1.6 Trimbel Recent Developments

## 9.2 Hexagon AB

- 9.2.1 Hexagon AB LiDAR for Automotive Basic Information
- 9.2.2 Hexagon AB LiDAR for Automotive Product Overview
- 9.2.3 Hexagon AB LiDAR for Automotive Product Market Performance
- 9.2.4 Hexagon AB Business Overview
- 9.2.5 Hexagon AB LiDAR for Automotive SWOT Analysis
- 9.2.6 Hexagon AB Recent Developments

## 9.3 Sick AG

- 9.3.1 Sick AG LiDAR for Automotive Basic Information
- 9.3.2 Sick AG LiDAR for Automotive Product Overview
- 9.3.3 Sick AG LiDAR for Automotive Product Market Performance
- 9.3.4 Sick AG LiDAR for Automotive SWOT Analysis
- 9.3.5 Sick AG Business Overview
- 9.3.6 Sick AG Recent Developments

## 9.4 Topcon

- 9.4.1 Topcon LiDAR for Automotive Basic Information
- 9.4.2 Topcon LiDAR for Automotive Product Overview
- 9.4.3 Topcon LiDAR for Automotive Product Market Performance
- 9.4.4 Topcon Business Overview
- 9.4.5 Topcon Recent Developments

## 9.5 Velodyne

- 9.5.1 Velodyne LiDAR for Automotive Basic Information
- 9.5.2 Velodyne LiDAR for Automotive Product Overview
- 9.5.3 Velodyne LiDAR for Automotive Product Market Performance
- 9.5.4 Velodyne Business Overview
- 9.5.5 Velodyne Recent Developments

## 9.6 Riegl

- 9.6.1 Riegl LiDAR for Automotive Basic Information
- 9.6.2 Riegl LiDAR for Automotive Product Overview
- 9.6.3 Riegl LiDAR for Automotive Product Market Performance
- 9.6.4 Riegl Business Overview
- 9.6.5 Riegl Recent Developments

## 9.7 Valeo

- 9.7.1 Valeo LiDAR for Automotive Basic Information
- 9.7.2 Valeo LiDAR for Automotive Product Overview
- 9.7.3 Valeo LiDAR for Automotive Product Market Performance
- 9.7.4 Valeo Business Overview
- 9.7.5 Valeo Recent Developments

## 9.8 Leosphere

- 9.8.1 Leosphere LiDAR for Automotive Basic Information
- 9.8.2 Leosphere LiDAR for Automotive Product Overview
- 9.8.3 Leosphere LiDAR for Automotive Product Market Performance
- 9.8.4 Leosphere Business Overview
- 9.8.5 Leosphere Recent Developments
- 9.9 Innovusion
  - 9.9.1 Innovusion LiDAR for Automotive Basic Information
  - 9.9.2 Innovusion LiDAR for Automotive Product Overview
  - 9.9.3 Innovusion LiDAR for Automotive Product Market Performance
  - 9.9.4 Innovusion Business Overview
  - 9.9.5 Innovusion Recent Developments
- 9.10 Hesai
  - 9.10.1 Hesai LiDAR for Automotive Basic Information
  - 9.10.2 Hesai LiDAR for Automotive Product Overview
  - 9.10.3 Hesai LiDAR for Automotive Product Market Performance
  - 9.10.4 Hesai Business Overview
  - 9.10.5 Hesai Recent Developments
- 9.11 Ibeo
  - 9.11.1 Ibeo LiDAR for Automotive Basic Information
  - 9.11.2 Ibeo LiDAR for Automotive Product Overview
  - 9.11.3 Ibeo LiDAR for Automotive Product Market Performance
  - 9.11.4 Ibeo Business Overview
  - 9.11.5 Ibeo Recent Developments
- 9.12 Ouster
  - 9.12.1 Ouster LiDAR for Automotive Basic Information
  - 9.12.2 Ouster LiDAR for Automotive Product Overview
  - 9.12.3 Ouster LiDAR for Automotive Product Market Performance
  - 9.12.4 Ouster Business Overview
  - 9.12.5 Ouster Recent Developments
- 9.13 LeddarTech
  - 9.13.1 LeddarTech LiDAR for Automotive Basic Information
  - 9.13.2 LeddarTech LiDAR for Automotive Product Overview
  - 9.13.3 LeddarTech LiDAR for Automotive Product Market Performance
  - 9.13.4 LeddarTech Business Overview
  - 9.13.5 LeddarTech Recent Developments
- 9.14 Robosense
  - 9.14.1 Robosense LiDAR for Automotive Basic Information
  - 9.14.2 Robosense LiDAR for Automotive Product Overview
  - 9.14.3 Robosense LiDAR for Automotive Product Market Performance

- 9.14.4 Robosense Business Overview
- 9.14.5 Robosense Recent Developments
- 9.15 Luminar
  - 9.15.1 Luminar LiDAR for Automotive Basic Information
  - 9.15.2 Luminar LiDAR for Automotive Product Overview
  - 9.15.3 Luminar LiDAR for Automotive Product Market Performance
  - 9.15.4 Luminar Business Overview
  - 9.15.5 Luminar Recent Developments
- 9.16 Beijing Wanji Technology
  - 9.16.1 Beijing Wanji Technology LiDAR for Automotive Basic Information
  - 9.16.2 Beijing Wanji Technology LiDAR for Automotive Product Overview
  - 9.16.3 Beijing Wanji Technology LiDAR for Automotive Product Market Performance
  - 9.16.4 Beijing Wanji Technology Business Overview
  - 9.16.5 Beijing Wanji Technology Recent Developments
- 9.17 SureStar
  - 9.17.1 SureStar LiDAR for Automotive Basic Information
  - 9.17.2 SureStar LiDAR for Automotive Product Overview
  - 9.17.3 SureStar LiDAR for Automotive Product Market Performance
  - 9.17.4 SureStar Business Overview
  - 9.17.5 SureStar Recent Developments
- 9.18 Continental
  - 9.18.1 Continental LiDAR for Automotive Basic Information
  - 9.18.2 Continental LiDAR for Automotive Product Overview
  - 9.18.3 Continental LiDAR for Automotive Product Market Performance
  - 9.18.4 Continental Business Overview
  - 9.18.5 Continental Recent Developments
- 9.19 LeiShen Intelligent System
  - 9.19.1 LeiShen Intelligent System LiDAR for Automotive Basic Information
  - 9.19.2 LeiShen Intelligent System LiDAR for Automotive Product Overview
  - 9.19.3 LeiShen Intelligent System LiDAR for Automotive Product Market Performance
  - 9.19.4 LeiShen Intelligent System Business Overview
  - 9.19.5 LeiShen Intelligent System Recent Developments
- 9.20 Benewake
  - 9.20.1 Benewake LiDAR for Automotive Basic Information
  - 9.20.2 Benewake LiDAR for Automotive Product Overview
  - 9.20.3 Benewake LiDAR for Automotive Product Market Performance
  - 9.20.4 Benewake Business Overview
  - 9.20.5 Benewake Recent Developments
- 9.21 Quanergy

- 9.21.1 Quanergy LiDAR for Automotive Basic Information
- 9.21.2 Quanergy LiDAR for Automotive Product Overview
- 9.21.3 Quanergy LiDAR for Automotive Product Market Performance
- 9.21.4 Quanergy Business Overview
- 9.21.5 Quanergy Recent Developments
- 9.22 Cepton
  - 9.22.1 Cepton LiDAR for Automotive Basic Information
  - 9.22.2 Cepton LiDAR for Automotive Product Overview
  - 9.22.3 Cepton LiDAR for Automotive Product Market Performance
  - 9.22.4 Cepton Business Overview
  - 9.22.5 Cepton Recent Developments
- 9.23 Waymo
  - 9.23.1 Waymo LiDAR for Automotive Basic Information
  - 9.23.2 Waymo LiDAR for Automotive Product Overview
  - 9.23.3 Waymo LiDAR for Automotive Product Market Performance
  - 9.23.4 Waymo Business Overview
  - 9.23.5 Waymo Recent Developments
- 9.24 Huawei
  - 9.24.1 Huawei LiDAR for Automotive Basic Information
  - 9.24.2 Huawei LiDAR for Automotive Product Overview
  - 9.24.3 Huawei LiDAR for Automotive Product Market Performance
  - 9.24.4 Huawei Business Overview
  - 9.24.5 Huawei Recent Developments
- 9.25 Denso
  - 9.25.1 Denso LiDAR for Automotive Basic Information
  - 9.25.2 Denso LiDAR for Automotive Product Overview
  - 9.25.3 Denso LiDAR for Automotive Product Market Performance
  - 9.25.4 Denso Business Overview
  - 9.25.5 Denso Recent Developments
- 9.26 Enradar
  - 9.26.1 Enradar LiDAR for Automotive Basic Information
  - 9.26.2 Enradar LiDAR for Automotive Product Overview
  - 9.26.3 Enradar LiDAR for Automotive Product Market Performance
  - 9.26.4 Enradar Business Overview
  - 9.26.5 Enradar Recent Developments
- 9.27 FaseLase
  - 9.27.1 FaseLase LiDAR for Automotive Basic Information
  - 9.27.2 FaseLase LiDAR for Automotive Product Overview
  - 9.27.3 FaseLase LiDAR for Automotive Product Market Performance



9.27.4 FaseLase Business Overview

9.27.5 FaseLase Recent Developments

9.28 Innoviz

9.28.1 Innoviz LiDAR for Automotive Basic Information

9.28.2 Innoviz LiDAR for Automotive Product Overview

9.28.3 Innoviz LiDAR for Automotive Product Market Performance

9.28.4 Innoviz Business Overview

9.28.5 Innoviz Recent Developments

9.29 Aeva

9.29.1 Aeva LiDAR for Automotive Basic Information

9.29.2 Aeva LiDAR for Automotive Product Overview

9.29.3 Aeva LiDAR for Automotive Product Market Performance

9.29.4 Aeva Business Overview

9.29.5 Aeva Recent Developments

9.30 Faro

9.30.1 Faro LiDAR for Automotive Basic Information

9.30.2 Faro LiDAR for Automotive Product Overview

9.30.3 Faro LiDAR for Automotive Product Market Performance

9.30.4 Faro Business Overview

9.30.5 Faro Recent Developments

## **10 LIDAR FOR AUTOMOTIVE MARKET FORECAST BY REGION**

10.1 Global LiDAR for Automotive Market Size Forecast

10.2 Global LiDAR for Automotive Market Forecast by Region

10.2.1 North America Market Size Forecast by Country

10.2.2 Europe LiDAR for Automotive Market Size Forecast by Country

10.2.3 Asia Pacific LiDAR for Automotive Market Size Forecast by Region

10.2.4 South America LiDAR for Automotive Market Size Forecast by Country

10.2.5 Middle East and Africa Forecasted Consumption of LiDAR for Automotive by Country

## **11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)**

11.1 Global LiDAR for Automotive Market Forecast by Type (2025-2030)

11.1.1 Global Forecasted Sales of LiDAR for Automotive by Type (2025-2030)

11.1.2 Global LiDAR for Automotive Market Size Forecast by Type (2025-2030)

11.1.3 Global Forecasted Price of LiDAR for Automotive by Type (2025-2030)

11.2 Global LiDAR for Automotive Market Forecast by Application (2025-2030)

11.2.1 Global LiDAR for Automotive Sales (K Units) Forecast by Application  
11.2.2 Global LiDAR for Automotive Market Size (M USD) Forecast by Application  
(2025-2030)

## **12 CONCLUSION AND KEY FINDINGS**



## List Of Tables

### LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Market Size (M USD) Segment Executive Summary
- Table 4. LiDAR for Automotive Market Size Comparison by Region (M USD)
- Table 5. Global LiDAR for Automotive Sales (K Units) by Manufacturers (2019-2024)
- Table 6. Global LiDAR for Automotive Sales Market Share by Manufacturers (2019-2024)
- Table 7. Global LiDAR for Automotive Revenue (M USD) by Manufacturers (2019-2024)
- Table 8. Global LiDAR for Automotive Revenue Share by Manufacturers (2019-2024)
- Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in LiDAR for Automotive as of 2022)
- Table 10. Global Market LiDAR for Automotive Average Price (USD/Unit) of Key Manufacturers (2019-2024)
- Table 11. Manufacturers LiDAR for Automotive Sales Sites and Area Served
- Table 12. Manufacturers LiDAR for Automotive Product Type
- Table 13. Global LiDAR for Automotive Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 14. Mergers & Acquisitions, Expansion Plans
- Table 15. Industry Chain Map of LiDAR for Automotive
- Table 16. Market Overview of Key Raw Materials
- Table 17. Midstream Market Analysis
- Table 18. Downstream Customer Analysis
- Table 19. Key Development Trends
- Table 20. Driving Factors
- Table 21. LiDAR for Automotive Market Challenges
- Table 22. Global LiDAR for Automotive Sales by Type (K Units)
- Table 23. Global LiDAR for Automotive Market Size by Type (M USD)
- Table 24. Global LiDAR for Automotive Sales (K Units) by Type (2019-2024)
- Table 25. Global LiDAR for Automotive Sales Market Share by Type (2019-2024)
- Table 26. Global LiDAR for Automotive Market Size (M USD) by Type (2019-2024)
- Table 27. Global LiDAR for Automotive Market Size Share by Type (2019-2024)
- Table 28. Global LiDAR for Automotive Price (USD/Unit) by Type (2019-2024)
- Table 29. Global LiDAR for Automotive Sales (K Units) by Application
- Table 30. Global LiDAR for Automotive Market Size by Application
- Table 31. Global LiDAR for Automotive Sales by Application (2019-2024) & (K Units)

- Table 32. Global LiDAR for Automotive Sales Market Share by Application (2019-2024)
- Table 33. Global LiDAR for Automotive Sales by Application (2019-2024) & (M USD)
- Table 34. Global LiDAR for Automotive Market Share by Application (2019-2024)
- Table 35. Global LiDAR for Automotive Sales Growth Rate by Application (2019-2024)
- Table 36. Global LiDAR for Automotive Sales by Region (2019-2024) & (K Units)
- Table 37. Global LiDAR for Automotive Sales Market Share by Region (2019-2024)
- Table 38. North America LiDAR for Automotive Sales by Country (2019-2024) & (K Units)
- Table 39. Europe LiDAR for Automotive Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific LiDAR for Automotive Sales by Region (2019-2024) & (K Units)
- Table 41. South America LiDAR for Automotive Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa LiDAR for Automotive Sales by Region (2019-2024) & (K Units)
- Table 43. Trimbel LiDAR for Automotive Basic Information
- Table 44. Trimbel LiDAR for Automotive Product Overview
- Table 45. Trimbel LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 46. Trimbel Business Overview
- Table 47. Trimbel LiDAR for Automotive SWOT Analysis
- Table 48. Trimbel Recent Developments
- Table 49. Hexagon AB LiDAR for Automotive Basic Information
- Table 50. Hexagon AB LiDAR for Automotive Product Overview
- Table 51. Hexagon AB LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 52. Hexagon AB Business Overview
- Table 53. Hexagon AB LiDAR for Automotive SWOT Analysis
- Table 54. Hexagon AB Recent Developments
- Table 55. Sick AG LiDAR for Automotive Basic Information
- Table 56. Sick AG LiDAR for Automotive Product Overview
- Table 57. Sick AG LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 58. Sick AG LiDAR for Automotive SWOT Analysis
- Table 59. Sick AG Business Overview
- Table 60. Sick AG Recent Developments
- Table 61. Topcon LiDAR for Automotive Basic Information
- Table 62. Topcon LiDAR for Automotive Product Overview
- Table 63. Topcon LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

- Table 64. Topcon Business Overview
- Table 65. Topcon Recent Developments
- Table 66. Velodyne LiDAR for Automotive Basic Information
- Table 67. Velodyne LiDAR for Automotive Product Overview
- Table 68. Velodyne LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 69. Velodyne Business Overview
- Table 70. Velodyne Recent Developments
- Table 71. Riegl LiDAR for Automotive Basic Information
- Table 72. Riegl LiDAR for Automotive Product Overview
- Table 73. Riegl LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 74. Riegl Business Overview
- Table 75. Riegl Recent Developments
- Table 76. Valeo LiDAR for Automotive Basic Information
- Table 77. Valeo LiDAR for Automotive Product Overview
- Table 78. Valeo LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 79. Valeo Business Overview
- Table 80. Valeo Recent Developments
- Table 81. Leosphere LiDAR for Automotive Basic Information
- Table 82. Leosphere LiDAR for Automotive Product Overview
- Table 83. Leosphere LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 84. Leosphere Business Overview
- Table 85. Leosphere Recent Developments
- Table 86. Innovusion LiDAR for Automotive Basic Information
- Table 87. Innovusion LiDAR for Automotive Product Overview
- Table 88. Innovusion LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 89. Innovusion Business Overview
- Table 90. Innovusion Recent Developments
- Table 91. Hesai LiDAR for Automotive Basic Information
- Table 92. Hesai LiDAR for Automotive Product Overview
- Table 93. Hesai LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 94. Hesai Business Overview
- Table 95. Hesai Recent Developments
- Table 96. Ibeo LiDAR for Automotive Basic Information

Table 97. Ibeo LiDAR for Automotive Product Overview

Table 98. Ibeo LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 99. Ibeo Business Overview

Table 100. Ibeo Recent Developments

Table 101. Ouster LiDAR for Automotive Basic Information

Table 102. Ouster LiDAR for Automotive Product Overview

Table 103. Ouster LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 104. Ouster Business Overview

Table 105. Ouster Recent Developments

Table 106. LeddarTech LiDAR for Automotive Basic Information

Table 107. LeddarTech LiDAR for Automotive Product Overview

Table 108. LeddarTech LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 109. LeddarTech Business Overview

Table 110. LeddarTech Recent Developments

Table 111. Robosense LiDAR for Automotive Basic Information

Table 112. Robosense LiDAR for Automotive Product Overview

Table 113. Robosense LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 114. Robosense Business Overview

Table 115. Robosense Recent Developments

Table 116. Luminar LiDAR for Automotive Basic Information

Table 117. Luminar LiDAR for Automotive Product Overview

Table 118. Luminar LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 119. Luminar Business Overview

Table 120. Luminar Recent Developments

Table 121. Beijing Wanji Technology LiDAR for Automotive Basic Information

Table 122. Beijing Wanji Technology LiDAR for Automotive Product Overview

Table 123. Beijing Wanji Technology LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 124. Beijing Wanji Technology Business Overview

Table 125. Beijing Wanji Technology Recent Developments

Table 126. SureStar LiDAR for Automotive Basic Information

Table 127. SureStar LiDAR for Automotive Product Overview

Table 128. SureStar LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

- Table 129. SureStar Business Overview
- Table 130. SureStar Recent Developments
- Table 131. Continental LiDAR for Automotive Basic Information
- Table 132. Continental LiDAR for Automotive Product Overview
- Table 133. Continental LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 134. Continental Business Overview
- Table 135. Continental Recent Developments
- Table 136. LeiShen Intelligent System LiDAR for Automotive Basic Information
- Table 137. LeiShen Intelligent System LiDAR for Automotive Product Overview
- Table 138. LeiShen Intelligent System LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 139. LeiShen Intelligent System Business Overview
- Table 140. LeiShen Intelligent System Recent Developments
- Table 141. Benewake LiDAR for Automotive Basic Information
- Table 142. Benewake LiDAR for Automotive Product Overview
- Table 143. Benewake LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 144. Benewake Business Overview
- Table 145. Benewake Recent Developments
- Table 146. Quanergy LiDAR for Automotive Basic Information
- Table 147. Quanergy LiDAR for Automotive Product Overview
- Table 148. Quanergy LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 149. Quanergy Business Overview
- Table 150. Quanergy Recent Developments
- Table 151. Cepton LiDAR for Automotive Basic Information
- Table 152. Cepton LiDAR for Automotive Product Overview
- Table 153. Cepton LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 154. Cepton Business Overview
- Table 155. Cepton Recent Developments
- Table 156. Waymo LiDAR for Automotive Basic Information
- Table 157. Waymo LiDAR for Automotive Product Overview
- Table 158. Waymo LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 159. Waymo Business Overview
- Table 160. Waymo Recent Developments
- Table 161. Huawei LiDAR for Automotive Basic Information



- Table 162. Huawei LiDAR for Automotive Product Overview
- Table 163. Huawei LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 164. Huawei Business Overview
- Table 165. Huawei Recent Developments
- Table 166. Denso LiDAR for Automotive Basic Information
- Table 167. Denso LiDAR for Automotive Product Overview
- Table 168. Denso LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 169. Denso Business Overview
- Table 170. Denso Recent Developments
- Table 171. Enradar LiDAR for Automotive Basic Information
- Table 172. Enradar LiDAR for Automotive Product Overview
- Table 173. Enradar LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 174. Enradar Business Overview
- Table 175. Enradar Recent Developments
- Table 176. FaseLase LiDAR for Automotive Basic Information
- Table 177. FaseLase LiDAR for Automotive Product Overview
- Table 178. FaseLase LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 179. FaseLase Business Overview
- Table 180. FaseLase Recent Developments
- Table 181. Innoviz LiDAR for Automotive Basic Information
- Table 182. Innoviz LiDAR for Automotive Product Overview
- Table 183. Innoviz LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 184. Innoviz Business Overview
- Table 185. Innoviz Recent Developments
- Table 186. Aeva LiDAR for Automotive Basic Information
- Table 187. Aeva LiDAR for Automotive Product Overview
- Table 188. Aeva LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 189. Aeva Business Overview
- Table 190. Aeva Recent Developments
- Table 191. Faro LiDAR for Automotive Basic Information
- Table 192. Faro LiDAR for Automotive Product Overview
- Table 193. Faro LiDAR for Automotive Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 194. Faro Business Overview

Table 195. Faro Recent Developments

Table 196. Global LiDAR for Automotive Sales Forecast by Region (2025-2030) & (K Units)

Table 197. Global LiDAR for Automotive Market Size Forecast by Region (2025-2030) & (M USD)

Table 198. North America LiDAR for Automotive Sales Forecast by Country (2025-2030) & (K Units)

Table 199. North America LiDAR for Automotive Market Size Forecast by Country (2025-2030) & (M USD)

Table 200. Europe LiDAR for Automotive Sales Forecast by Country (2025-2030) & (K Units)

Table 201. Europe LiDAR for Automotive Market Size Forecast by Country (2025-2030) & (M USD)

Table 202. Asia Pacific LiDAR for Automotive Sales Forecast by Region (2025-2030) & (K Units)

Table 203. Asia Pacific LiDAR for Automotive Market Size Forecast by Region (2025-2030) & (M USD)

Table 204. South America LiDAR for Automotive Sales Forecast by Country (2025-2030) & (K Units)

Table 205. South America LiDAR for Automotive Market Size Forecast by Country (2025-2030) & (M USD)

Table 206. Middle East and Africa LiDAR for Automotive Consumption Forecast by Country (2025-2030) & (Units)

Table 207. Middle East and Africa LiDAR for Automotive Market Size Forecast by Country (2025-2030) & (M USD)

Table 208. Global LiDAR for Automotive Sales Forecast by Type (2025-2030) & (K Units)

Table 209. Global LiDAR for Automotive Market Size Forecast by Type (2025-2030) & (M USD)

Table 210. Global LiDAR for Automotive Price Forecast by Type (2025-2030) & (USD/Unit)

Table 211. Global LiDAR for Automotive Sales (K Units) Forecast by Application (2025-2030)

Table 212. Global LiDAR for Automotive Market Size Forecast by Application (2025-2030) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of LiDAR for Automotive
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global LiDAR for Automotive Market Size (M USD), 2019-2030
- Figure 5. Global LiDAR for Automotive Market Size (M USD) (2019-2030)
- Figure 6. Global LiDAR for Automotive Sales (K Units) & (2019-2030)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. LiDAR for Automotive Market Size by Country (M USD)
- Figure 11. LiDAR for Automotive Sales Share by Manufacturers in 2023
- Figure 12. Global LiDAR for Automotive Revenue Share by Manufacturers in 2023
- Figure 13. LiDAR for Automotive Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market LiDAR for Automotive Average Price (USD/Unit) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by LiDAR for Automotive Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global LiDAR for Automotive Market Share by Type
- Figure 18. Sales Market Share of LiDAR for Automotive by Type (2019-2024)
- Figure 19. Sales Market Share of LiDAR for Automotive by Type in 2023
- Figure 20. Market Size Share of LiDAR for Automotive by Type (2019-2024)
- Figure 21. Market Size Market Share of LiDAR for Automotive by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global LiDAR for Automotive Market Share by Application
- Figure 24. Global LiDAR for Automotive Sales Market Share by Application (2019-2024)
- Figure 25. Global LiDAR for Automotive Sales Market Share by Application in 2023
- Figure 26. Global LiDAR for Automotive Market Share by Application (2019-2024)
- Figure 27. Global LiDAR for Automotive Market Share by Application in 2023
- Figure 28. Global LiDAR for Automotive Sales Growth Rate by Application (2019-2024)
- Figure 29. Global LiDAR for Automotive Sales Market Share by Region (2019-2024)
- Figure 30. North America LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 31. North America LiDAR for Automotive Sales Market Share by Country in 2023



- Figure 32. U.S. LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 33. Canada LiDAR for Automotive Sales (K Units) and Growth Rate (2019-2024)
- Figure 34. Mexico LiDAR for Automotive Sales (Units) and Growth Rate (2019-2024)
- Figure 35. Europe LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 36. Europe LiDAR for Automotive Sales Market Share by Country in 2023
- Figure 37. Germany LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 38. France LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 39. U.K. LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 40. Italy LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 41. Russia LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 42. Asia Pacific LiDAR for Automotive Sales and Growth Rate (K Units)
- Figure 43. Asia Pacific LiDAR for Automotive Sales Market Share by Region in 2023
- Figure 44. China LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 45. Japan LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 46. South Korea LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 47. India LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 48. Southeast Asia LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 49. South America LiDAR for Automotive Sales and Growth Rate (K Units)
- Figure 50. South America LiDAR for Automotive Sales Market Share by Country in 2023
- Figure 51. Brazil LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 52. Argentina LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 53. Columbia LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 54. Middle East and Africa LiDAR for Automotive Sales and Growth Rate (K Units)
- Figure 55. Middle East and Africa LiDAR for Automotive Sales Market Share by Region in 2023
- Figure 56. Saudi Arabia LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 57. UAE LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 58. Egypt LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)
- Figure 59. Nigeria LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K

Units)

Figure 60. South Africa LiDAR for Automotive Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global LiDAR for Automotive Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global LiDAR for Automotive Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global LiDAR for Automotive Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global LiDAR for Automotive Market Share Forecast by Type (2025-2030)

Figure 65. Global LiDAR for Automotive Sales Forecast by Application (2025-2030)

Figure 66. Global LiDAR for Automotive Market Share Forecast by Application (2025-2030)

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