

# Global Automotive Lidar Sensor Market Growth 2024-2030

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### **Abstracts**

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According to our LPI (LP Information) latest study, the global Automotive Lidar Sensor market size was valued at US\$ 101.2 million in 2023. With growing demand in downstream market, the Automotive Lidar Sensor is forecast to a readjusted size of US\$ 586.1 million by 2030 with a CAGR of 28.5% during review period.

The research report highlights the growth potential of the global Automotive Lidar Sensor market. Automotive Lidar Sensor are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Automotive Lidar Sensor. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Automotive Lidar Sensor market.

Lidar (also called LIDAR, LiDAR, and LADAR) is a surveying method that measures distance to a target by illuminating that target with a pulsed laser light, and measuring the reflected pulses with a sensor. Differences in laser return times and wavelengths can then be used to make digital 3D-representations of the target. The name lidar, sometimes considered an acronym of Light Detection and Ranging (sometimes Light Imaging, Detection, And Ranging), was originally a portmanteau of light and radar.

Global Automotive Lidar Sensor main players are Velodyne, Ibeo, Quanergy Systems, etc. Global top three manufacturers hold a share over 85%. North America is the largest market, with a share nearly 80%.



#### **Key Features:**

The report on Automotive Lidar Sensor market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Automotive Lidar Sensor market. It may include historical data, market segmentation by Type (e.g., Solid State Lidar, Mechanical/Scanning Lidar), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Automotive Lidar Sensor market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Automotive Lidar Sensor market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Automotive Lidar Sensor industry. This include advancements in Automotive Lidar Sensor technology, Automotive Lidar Sensor new entrants, Automotive Lidar Sensor new investment, and other innovations that are shaping the future of Automotive Lidar Sensor.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Automotive Lidar Sensor market. It includes factors influencing customer 'purchasing decisions, preferences for Automotive Lidar Sensor product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Automotive Lidar Sensor market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Automotive Lidar Sensor market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental



impact and sustainability aspects of the Automotive Lidar Sensor market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Automotive Lidar Sensor industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Automotive Lidar Sensor market.

Market Segmentation:

Automotive Lidar Sensor market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Segmentation by type

Solid State Lidar

Mechanical/Scanning Lidar

Segmentation by application

**OEM** 

Research

This report also splits the market by region:

Americas

**United States** 

Canada



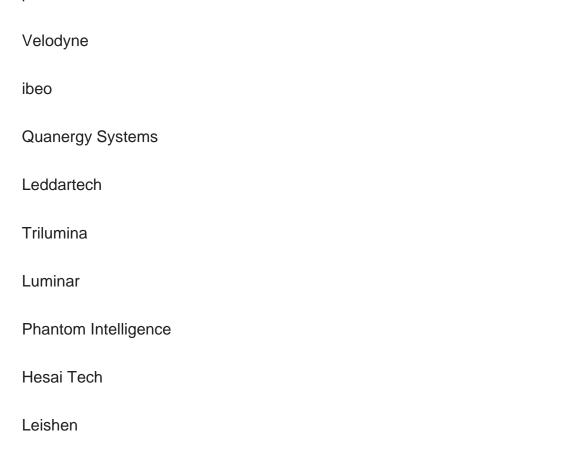
	Mexico
	Brazil
APAC	
	China
	Japan
	Korea
	Southeast Asia
	India
	Australia
Europe	
	Germany
	France
	UK
	Italy
	Russia
Middle East & Africa	
	Egypt
	South Africa
	Israel



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.



Key Questions Addressed in this Report

What is the 10-year outlook for the global Automotive Lidar Sensor market?

What factors are driving Automotive Lidar Sensor market growth, globally and by region?

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

How do Automotive Lidar Sensor market opportunities vary by end market size?



How does Automotive Lidar Sensor break out type, application?



### **Contents**

#### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

#### **2 EXECUTIVE SUMMARY**

- 2.1 World Market Overview
  - 2.1.1 Global Automotive Lidar Sensor Annual Sales 2019-2030
- 2.1.2 World Current & Future Analysis for Automotive Lidar Sensor by Geographic Region, 2019, 2023 & 2030
- 2.1.3 World Current & Future Analysis for Automotive Lidar Sensor by Country/Region, 2019, 2023 & 2030
- 2.2 Automotive Lidar Sensor Segment by Type
  - 2.2.1 Solid State Lidar
  - 2.2.2 Mechanical/Scanning Lidar
- 2.3 Automotive Lidar Sensor Sales by Type
  - 2.3.1 Global Automotive Lidar Sensor Sales Market Share by Type (2019-2024)
- 2.3.2 Global Automotive Lidar Sensor Revenue and Market Share by Type (2019-2024)
- 2.3.3 Global Automotive Lidar Sensor Sale Price by Type (2019-2024)
- 2.4 Automotive Lidar Sensor Segment by Application
  - 2.4.1 OEM
  - 2.4.2 Research
- 2.5 Automotive Lidar Sensor Sales by Application
- 2.5.1 Global Automotive Lidar Sensor Sale Market Share by Application (2019-2024)
- 2.5.2 Global Automotive Lidar Sensor Revenue and Market Share by Application (2019-2024)
  - 2.5.3 Global Automotive Lidar Sensor Sale Price by Application (2019-2024)

#### **3 GLOBAL AUTOMOTIVE LIDAR SENSOR BY COMPANY**



- 3.1 Global Automotive Lidar Sensor Breakdown Data by Company
  - 3.1.1 Global Automotive Lidar Sensor Annual Sales by Company (2019-2024)
- 3.1.2 Global Automotive Lidar Sensor Sales Market Share by Company (2019-2024)
- 3.2 Global Automotive Lidar Sensor Annual Revenue by Company (2019-2024)
  - 3.2.1 Global Automotive Lidar Sensor Revenue by Company (2019-2024)
- 3.2.2 Global Automotive Lidar Sensor Revenue Market Share by Company (2019-2024)
- 3.3 Global Automotive Lidar Sensor Sale Price by Company
- 3.4 Key Manufacturers Automotive Lidar Sensor Producing Area Distribution, Sales Area, Product Type
  - 3.4.1 Key Manufacturers Automotive Lidar Sensor Product Location Distribution
  - 3.4.2 Players Automotive Lidar Sensor Products Offered
- 3.5 Market Concentration Rate Analysis
  - 3.5.1 Competition Landscape Analysis
  - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

# 4 WORLD HISTORIC REVIEW FOR AUTOMOTIVE LIDAR SENSOR BY GEOGRAPHIC REGION

- 4.1 World Historic Automotive Lidar Sensor Market Size by Geographic Region (2019-2024)
- 4.1.1 Global Automotive Lidar Sensor Annual Sales by Geographic Region (2019-2024)
- 4.1.2 Global Automotive Lidar Sensor Annual Revenue by Geographic Region (2019-2024)
- 4.2 World Historic Automotive Lidar Sensor Market Size by Country/Region (2019-2024)
- 4.2.1 Global Automotive Lidar Sensor Annual Sales by Country/Region (2019-2024)
- 4.2.2 Global Automotive Lidar Sensor Annual Revenue by Country/Region (2019-2024)
- 4.3 Americas Automotive Lidar Sensor Sales Growth
- 4.4 APAC Automotive Lidar Sensor Sales Growth
- 4.5 Europe Automotive Lidar Sensor Sales Growth
- 4.6 Middle East & Africa Automotive Lidar Sensor Sales Growth

#### **5 AMERICAS**



- 5.1 Americas Automotive Lidar Sensor Sales by Country
  - 5.1.1 Americas Automotive Lidar Sensor Sales by Country (2019-2024)
  - 5.1.2 Americas Automotive Lidar Sensor Revenue by Country (2019-2024)
- 5.2 Americas Automotive Lidar Sensor Sales by Type
- 5.3 Americas Automotive Lidar Sensor Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

#### 6 APAC

- 6.1 APAC Automotive Lidar Sensor Sales by Region
  - 6.1.1 APAC Automotive Lidar Sensor Sales by Region (2019-2024)
  - 6.1.2 APAC Automotive Lidar Sensor Revenue by Region (2019-2024)
- 6.2 APAC Automotive Lidar Sensor Sales by Type
- 6.3 APAC Automotive Lidar Sensor Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

#### **7 EUROPE**

- 7.1 Europe Automotive Lidar Sensor by Country
  - 7.1.1 Europe Automotive Lidar Sensor Sales by Country (2019-2024)
  - 7.1.2 Europe Automotive Lidar Sensor Revenue by Country (2019-2024)
- 7.2 Europe Automotive Lidar Sensor Sales by Type
- 7.3 Europe Automotive Lidar Sensor Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

#### 8 MIDDLE EAST & AFRICA



- 8.1 Middle East & Africa Automotive Lidar Sensor by Country
  - 8.1.1 Middle East & Africa Automotive Lidar Sensor Sales by Country (2019-2024)
  - 8.1.2 Middle East & Africa Automotive Lidar Sensor Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Automotive Lidar Sensor Sales by Type
- 8.3 Middle East & Africa Automotive Lidar Sensor Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

#### 9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

#### 10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Automotive Lidar Sensor
- 10.3 Manufacturing Process Analysis of Automotive Lidar Sensor
- 10.4 Industry Chain Structure of Automotive Lidar Sensor

#### 11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 Automotive Lidar Sensor Distributors
- 11.3 Automotive Lidar Sensor Customer

# 12 WORLD FORECAST REVIEW FOR AUTOMOTIVE LIDAR SENSOR BY GEOGRAPHIC REGION

- 12.1 Global Automotive Lidar Sensor Market Size Forecast by Region
- 12.1.1 Global Automotive Lidar Sensor Forecast by Region (2025-2030)
- 12.1.2 Global Automotive Lidar Sensor Annual Revenue Forecast by Region



#### (2025-2030)

- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Automotive Lidar Sensor Forecast by Type
- 12.7 Global Automotive Lidar Sensor Forecast by Application

#### 13 KEY PLAYERS ANALYSIS

- 13.1 Velodyne
  - 13.1.1 Velodyne Company Information
  - 13.1.2 Velodyne Automotive Lidar Sensor Product Portfolios and Specifications
- 13.1.3 Velodyne Automotive Lidar Sensor Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.1.4 Velodyne Main Business Overview
  - 13.1.5 Velodyne Latest Developments
- 13.2 ibeo
  - 13.2.1 ibeo Company Information
  - 13.2.2 ibeo Automotive Lidar Sensor Product Portfolios and Specifications
- 13.2.3 ibeo Automotive Lidar Sensor Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.2.4 ibeo Main Business Overview
  - 13.2.5 ibeo Latest Developments
- 13.3 Quanergy Systems
  - 13.3.1 Quanergy Systems Company Information
- 13.3.2 Quanergy Systems Automotive Lidar Sensor Product Portfolios and Specifications
- 13.3.3 Quanergy Systems Automotive Lidar Sensor Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.3.4 Quanergy Systems Main Business Overview
  - 13.3.5 Quanergy Systems Latest Developments
- 13.4 Leddartech
  - 13.4.1 Leddartech Company Information
  - 13.4.2 Leddartech Automotive Lidar Sensor Product Portfolios and Specifications
- 13.4.3 Leddartech Automotive Lidar Sensor Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.4.4 Leddartech Main Business Overview
- 13.4.5 Leddartech Latest Developments



- 13.5 Trilumina
  - 13.5.1 Trilumina Company Information
  - 13.5.2 Trilumina Automotive Lidar Sensor Product Portfolios and Specifications
- 13.5.3 Trilumina Automotive Lidar Sensor Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.5.4 Trilumina Main Business Overview
  - 13.5.5 Trilumina Latest Developments
- 13.6 Luminar
  - 13.6.1 Luminar Company Information
  - 13.6.2 Luminar Automotive Lidar Sensor Product Portfolios and Specifications
- 13.6.3 Luminar Automotive Lidar Sensor Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.6.4 Luminar Main Business Overview
  - 13.6.5 Luminar Latest Developments
- 13.7 Phantom Intelligence
  - 13.7.1 Phantom Intelligence Company Information
- 13.7.2 Phantom Intelligence Automotive Lidar Sensor Product Portfolios and Specifications
- 13.7.3 Phantom Intelligence Automotive Lidar Sensor Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.7.4 Phantom Intelligence Main Business Overview
  - 13.7.5 Phantom Intelligence Latest Developments
- 13.8 Hesai Tech
  - 13.8.1 Hesai Tech Company Information
  - 13.8.2 Hesai Tech Automotive Lidar Sensor Product Portfolios and Specifications
- 13.8.3 Hesai Tech Automotive Lidar Sensor Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.8.4 Hesai Tech Main Business Overview
  - 13.8.5 Hesai Tech Latest Developments
- 13.9 Leishen
  - 13.9.1 Leishen Company Information
  - 13.9.2 Leishen Automotive Lidar Sensor Product Portfolios and Specifications
- 13.9.3 Leishen Automotive Lidar Sensor Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.9.4 Leishen Main Business Overview
  - 13.9.5 Leishen Latest Developments

#### 14 RESEARCH FINDINGS AND CONCLUSION







## **List Of Tables**

#### LIST OF TABLES

- Table 1. Automotive Lidar Sensor Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Table 2. Automotive Lidar Sensor Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)
- Table 3. Major Players of Solid State Lidar
- Table 4. Major Players of Mechanical/Scanning Lidar
- Table 5. Global Automotive Lidar Sensor Sales by Type (2019-2024) & (Units)
- Table 6. Global Automotive Lidar Sensor Sales Market Share by Type (2019-2024)
- Table 7. Global Automotive Lidar Sensor Revenue by Type (2019-2024) & (\$ million)
- Table 8. Global Automotive Lidar Sensor Revenue Market Share by Type (2019-2024)
- Table 9. Global Automotive Lidar Sensor Sale Price by Type (2019-2024) & (K USD/Unit)
- Table 10. Global Automotive Lidar Sensor Sales by Application (2019-2024) & (Units)
- Table 11. Global Automotive Lidar Sensor Sales Market Share by Application (2019-2024)
- Table 12. Global Automotive Lidar Sensor Revenue by Application (2019-2024)
- Table 13. Global Automotive Lidar Sensor Revenue Market Share by Application (2019-2024)
- Table 14. Global Automotive Lidar Sensor Sale Price by Application (2019-2024) & (K USD/Unit)
- Table 15. Global Automotive Lidar Sensor Sales by Company (2019-2024) & (Units)
- Table 16. Global Automotive Lidar Sensor Sales Market Share by Company (2019-2024)
- Table 17. Global Automotive Lidar Sensor Revenue by Company (2019-2024) (\$ Millions)
- Table 18. Global Automotive Lidar Sensor Revenue Market Share by Company (2019-2024)
- Table 19. Global Automotive Lidar Sensor Sale Price by Company (2019-2024) & (K USD/Unit)
- Table 20. Key Manufacturers Automotive Lidar Sensor Producing Area Distribution and Sales Area
- Table 21. Players Automotive Lidar Sensor Products Offered
- Table 22. Automotive Lidar Sensor Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)
- Table 23. New Products and Potential Entrants



- Table 24. Mergers & Acquisitions, Expansion
- Table 25. Global Automotive Lidar Sensor Sales by Geographic Region (2019-2024) & (Units)
- Table 26. Global Automotive Lidar Sensor Sales Market Share Geographic Region (2019-2024)
- Table 27. Global Automotive Lidar Sensor Revenue by Geographic Region (2019-2024) & (\$ millions)
- Table 28. Global Automotive Lidar Sensor Revenue Market Share by Geographic Region (2019-2024)
- Table 29. Global Automotive Lidar Sensor Sales by Country/Region (2019-2024) & (Units)
- Table 30. Global Automotive Lidar Sensor Sales Market Share by Country/Region (2019-2024)
- Table 31. Global Automotive Lidar Sensor Revenue by Country/Region (2019-2024) & (\$ millions)
- Table 32. Global Automotive Lidar Sensor Revenue Market Share by Country/Region (2019-2024)
- Table 33. Americas Automotive Lidar Sensor Sales by Country (2019-2024) & (Units)
- Table 34. Americas Automotive Lidar Sensor Sales Market Share by Country (2019-2024)
- Table 35. Americas Automotive Lidar Sensor Revenue by Country (2019-2024) & (\$ Millions)
- Table 36. Americas Automotive Lidar Sensor Revenue Market Share by Country (2019-2024)
- Table 37. Americas Automotive Lidar Sensor Sales by Type (2019-2024) & (Units)
- Table 38. Americas Automotive Lidar Sensor Sales by Application (2019-2024) & (Units)
- Table 39. APAC Automotive Lidar Sensor Sales by Region (2019-2024) & (Units)
- Table 40. APAC Automotive Lidar Sensor Sales Market Share by Region (2019-2024)
- Table 41. APAC Automotive Lidar Sensor Revenue by Region (2019-2024) & (\$ Millions)
- Table 42. APAC Automotive Lidar Sensor Revenue Market Share by Region (2019-2024)
- Table 43. APAC Automotive Lidar Sensor Sales by Type (2019-2024) & (Units)
- Table 44. APAC Automotive Lidar Sensor Sales by Application (2019-2024) & (Units)
- Table 45. Europe Automotive Lidar Sensor Sales by Country (2019-2024) & (Units)
- Table 46. Europe Automotive Lidar Sensor Sales Market Share by Country (2019-2024)
- Table 47. Europe Automotive Lidar Sensor Revenue by Country (2019-2024) & (\$ Millions)



- Table 48. Europe Automotive Lidar Sensor Revenue Market Share by Country (2019-2024)
- Table 49. Europe Automotive Lidar Sensor Sales by Type (2019-2024) & (Units)
- Table 50. Europe Automotive Lidar Sensor Sales by Application (2019-2024) & (Units)
- Table 51. Middle East & Africa Automotive Lidar Sensor Sales by Country (2019-2024) & (Units)
- Table 52. Middle East & Africa Automotive Lidar Sensor Sales Market Share by Country (2019-2024)
- Table 53. Middle East & Africa Automotive Lidar Sensor Revenue by Country (2019-2024) & (\$ Millions)
- Table 54. Middle East & Africa Automotive Lidar Sensor Revenue Market Share by Country (2019-2024)
- Table 55. Middle East & Africa Automotive Lidar Sensor Sales by Type (2019-2024) & (Units)
- Table 56. Middle East & Africa Automotive Lidar Sensor Sales by Application (2019-2024) & (Units)
- Table 57. Key Market Drivers & Growth Opportunities of Automotive Lidar Sensor
- Table 58. Key Market Challenges & Risks of Automotive Lidar Sensor
- Table 59. Key Industry Trends of Automotive Lidar Sensor
- Table 60. Automotive Lidar Sensor Raw Material
- Table 61. Key Suppliers of Raw Materials
- Table 62. Automotive Lidar Sensor Distributors List
- Table 63. Automotive Lidar Sensor Customer List
- Table 64. Global Automotive Lidar Sensor Sales Forecast by Region (2025-2030) & (Units)
- Table 65. Global Automotive Lidar Sensor Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 66. Americas Automotive Lidar Sensor Sales Forecast by Country (2025-2030) & (Units)
- Table 67. Americas Automotive Lidar Sensor Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 68. APAC Automotive Lidar Sensor Sales Forecast by Region (2025-2030) & (Units)
- Table 69. APAC Automotive Lidar Sensor Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 70. Europe Automotive Lidar Sensor Sales Forecast by Country (2025-2030) & (Units)
- Table 71. Europe Automotive Lidar Sensor Revenue Forecast by Country (2025-2030) & (\$ millions)



Table 72. Middle East & Africa Automotive Lidar Sensor Sales Forecast by Country (2025-2030) & (Units)

Table 73. Middle East & Africa Automotive Lidar Sensor Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 74. Global Automotive Lidar Sensor Sales Forecast by Type (2025-2030) & (Units)

Table 75. Global Automotive Lidar Sensor Revenue Forecast by Type (2025-2030) & (\$ Millions)

Table 76. Global Automotive Lidar Sensor Sales Forecast by Application (2025-2030) & (Units)

Table 77. Global Automotive Lidar Sensor Revenue Forecast by Application (2025-2030) & (\$ Millions)

Table 78. Velodyne Basic Information, Automotive Lidar Sensor Manufacturing Base, Sales Area and Its Competitors

Table 79. Velodyne Automotive Lidar Sensor Product Portfolios and Specifications

Table 80. Velodyne Automotive Lidar Sensor Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 81. Velodyne Main Business

Table 82. Velodyne Latest Developments

Table 83. ibeo Basic Information, Automotive Lidar Sensor Manufacturing Base, Sales Area and Its Competitors

Table 84. ibeo Automotive Lidar Sensor Product Portfolios and Specifications

Table 85. ibeo Automotive Lidar Sensor Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 86. ibeo Main Business

Table 87. ibeo Latest Developments

Table 88. Quanergy Systems Basic Information, Automotive Lidar Sensor

Manufacturing Base, Sales Area and Its Competitors

Table 89. Quanergy Systems Automotive Lidar Sensor Product Portfolios and Specifications

Table 90. Quanergy Systems Automotive Lidar Sensor Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 91. Quanergy Systems Main Business

Table 92. Quanergy Systems Latest Developments

Table 93. Leddartech Basic Information, Automotive Lidar Sensor Manufacturing Base, Sales Area and Its Competitors

Table 94. Leddartech Automotive Lidar Sensor Product Portfolios and Specifications

Table 95. Leddartech Automotive Lidar Sensor Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)



Table 96. Leddartech Main Business

Table 97. Leddartech Latest Developments

Table 98. Trilumina Basic Information, Automotive Lidar Sensor Manufacturing Base,

Sales Area and Its Competitors

Table 99. Trilumina Automotive Lidar Sensor Product Portfolios and Specifications

Table 100. Trilumina Automotive Lidar Sensor Sales (Units), Revenue (\$ Million), Price

(K USD/Unit) and Gross Margin (2019-2024)

Table 101. Trilumina Main Business

Table 102. Trilumina Latest Developments

Table 103. Luminar Basic Information, Automotive Lidar Sensor Manufacturing Base,

Sales Area and Its Competitors

Table 104. Luminar Automotive Lidar Sensor Product Portfolios and Specifications

Table 105. Luminar Automotive Lidar Sensor Sales (Units), Revenue (\$ Million), Price

(K USD/Unit) and Gross Margin (2019-2024)

Table 106. Luminar Main Business

Table 107. Luminar Latest Developments

Table 108. Phantom Intelligence Basic Information, Automotive Lidar Sensor

Manufacturing Base, Sales Area and Its Competitors

Table 109. Phantom Intelligence Automotive Lidar Sensor Product Portfolios and

**Specifications** 

Table 110. Phantom Intelligence Automotive Lidar Sensor Sales (Units), Revenue (\$

Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 111. Phantom Intelligence Main Business

Table 112. Phantom Intelligence Latest Developments

Table 113. Hesai Tech Basic Information, Automotive Lidar Sensor Manufacturing

Base, Sales Area and Its Competitors

Table 114. Hesai Tech Automotive Lidar Sensor Product Portfolios and Specifications

Table 115. Hesai Tech Automotive Lidar Sensor Sales (Units), Revenue (\$ Million),

Price (K USD/Unit) and Gross Margin (2019-2024)

Table 116. Hesai Tech Main Business

Table 117. Hesai Tech Latest Developments

Table 118. Leishen Basic Information, Automotive Lidar Sensor Manufacturing Base,

Sales Area and Its Competitors

Table 119. Leishen Automotive Lidar Sensor Product Portfolios and Specifications

Table 120. Leishen Automotive Lidar Sensor Sales (Units), Revenue (\$ Million), Price

(K USD/Unit) and Gross Margin (2019-2024)

Table 121. Leishen Main Business

Table 122. Leishen Latest Developments



# **List Of Figures**

#### LIST OF FIGURES

- Figure 1. Picture of Automotive Lidar Sensor
- Figure 2. Automotive Lidar Sensor Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Automotive Lidar Sensor Sales Growth Rate 2019-2030 (Units)
- Figure 7. Global Automotive Lidar Sensor Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. Automotive Lidar Sensor Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of Solid State Lidar
- Figure 10. Product Picture of Mechanical/Scanning Lidar
- Figure 11. Global Automotive Lidar Sensor Sales Market Share by Type in 2023
- Figure 12. Global Automotive Lidar Sensor Revenue Market Share by Type (2019-2024)
- Figure 13. Automotive Lidar Sensor Consumed in OEM
- Figure 14. Global Automotive Lidar Sensor Market: OEM (2019-2024) & (Units)
- Figure 15. Automotive Lidar Sensor Consumed in Research
- Figure 16. Global Automotive Lidar Sensor Market: Research (2019-2024) & (Units)
- Figure 17. Global Automotive Lidar Sensor Sales Market Share by Application (2023)
- Figure 18. Global Automotive Lidar Sensor Revenue Market Share by Application in 2023
- Figure 19. Automotive Lidar Sensor Sales Market by Company in 2023 (Units)
- Figure 20. Global Automotive Lidar Sensor Sales Market Share by Company in 2023
- Figure 21. Automotive Lidar Sensor Revenue Market by Company in 2023 (\$ Million)
- Figure 22. Global Automotive Lidar Sensor Revenue Market Share by Company in 2023
- Figure 23. Global Automotive Lidar Sensor Sales Market Share by Geographic Region (2019-2024)
- Figure 24. Global Automotive Lidar Sensor Revenue Market Share by Geographic Region in 2023
- Figure 25. Americas Automotive Lidar Sensor Sales 2019-2024 (Units)
- Figure 26. Americas Automotive Lidar Sensor Revenue 2019-2024 (\$ Millions)
- Figure 27. APAC Automotive Lidar Sensor Sales 2019-2024 (Units)
- Figure 28. APAC Automotive Lidar Sensor Revenue 2019-2024 (\$ Millions)
- Figure 29. Europe Automotive Lidar Sensor Sales 2019-2024 (Units)
- Figure 30. Europe Automotive Lidar Sensor Revenue 2019-2024 (\$ Millions)
- Figure 31. Middle East & Africa Automotive Lidar Sensor Sales 2019-2024 (Units)



- Figure 32. Middle East & Africa Automotive Lidar Sensor Revenue 2019-2024 (\$ Millions)
- Figure 33. Americas Automotive Lidar Sensor Sales Market Share by Country in 2023
- Figure 34. Americas Automotive Lidar Sensor Revenue Market Share by Country in 2023
- Figure 35. Americas Automotive Lidar Sensor Sales Market Share by Type (2019-2024)
- Figure 36. Americas Automotive Lidar Sensor Sales Market Share by Application (2019-2024)
- Figure 37. United States Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)
- Figure 38. Canada Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)
- Figure 39. Mexico Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)
- Figure 40. Brazil Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)
- Figure 41. APAC Automotive Lidar Sensor Sales Market Share by Region in 2023
- Figure 42. APAC Automotive Lidar Sensor Revenue Market Share by Regions in 2023
- Figure 43. APAC Automotive Lidar Sensor Sales Market Share by Type (2019-2024)
- Figure 44. APAC Automotive Lidar Sensor Sales Market Share by Application (2019-2024)
- Figure 45. China Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)
- Figure 46. Japan Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)
- Figure 47. South Korea Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)
- Figure 48. Southeast Asia Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)
- Figure 49. India Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)
- Figure 50. Australia Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)
- Figure 51. China Taiwan Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)
- Figure 52. Europe Automotive Lidar Sensor Sales Market Share by Country in 2023
- Figure 53. Europe Automotive Lidar Sensor Revenue Market Share by Country in 2023
- Figure 54. Europe Automotive Lidar Sensor Sales Market Share by Type (2019-2024)
- Figure 55. Europe Automotive Lidar Sensor Sales Market Share by Application (2019-2024)
- Figure 56. Germany Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)
- Figure 57. France Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)
- Figure 58. UK Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)
- Figure 59. Italy Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)
- Figure 60. Russia Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)
- Figure 61. Middle East & Africa Automotive Lidar Sensor Sales Market Share by



Country in 2023

Figure 62. Middle East & Africa Automotive Lidar Sensor Revenue Market Share by Country in 2023

Figure 63. Middle East & Africa Automotive Lidar Sensor Sales Market Share by Type (2019-2024)

Figure 64. Middle East & Africa Automotive Lidar Sensor Sales Market Share by Application (2019-2024)

Figure 65. Egypt Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)

Figure 66. South Africa Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)

Figure 67. Israel Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)

Figure 68. Turkey Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)

Figure 69. GCC Country Automotive Lidar Sensor Revenue Growth 2019-2024 (\$ Millions)

Figure 70. Manufacturing Cost Structure Analysis of Automotive Lidar Sensor in 2023

Figure 71. Manufacturing Process Analysis of Automotive Lidar Sensor

Figure 72. Industry Chain Structure of Automotive Lidar Sensor

Figure 73. Channels of Distribution

Figure 74. Global Automotive Lidar Sensor Sales Market Forecast by Region (2025-2030)

Figure 75. Global Automotive Lidar Sensor Revenue Market Share Forecast by Region (2025-2030)

Figure 76. Global Automotive Lidar Sensor Sales Market Share Forecast by Type (2025-2030)

Figure 77. Global Automotive Lidar Sensor Revenue Market Share Forecast by Type (2025-2030)

Figure 78. Global Automotive Lidar Sensor Sales Market Share Forecast by Application (2025-2030)

Figure 79. Global Automotive Lidar Sensor Revenue Market Share Forecast by Application (2025-2030)



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