

Global In-vehicle LiDAR Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/G81D2D6C7D08EN.html>

Date: March 2026

Pages: 139

Price: US\$ 2,980.00 (Single User License)

ID: G81D2D6C7D08EN

Abstracts

LiDAR is an active measuring device that measures the precise distance between an object and a sensor by emitting lasers. It uses a transceiver array consisting of lasers and detectors, combined with beam scanning, to obtain the precise distance and contour information of surrounding objects with the help of laser dot matrix, thus achieving real-time perception of the surrounding environment and obstacle avoidance. At the same time, LiDAR can be combined with pre-collected high-precision maps to achieve centimeter-level positioning accuracy to achieve autonomous navigation. In-vehicle LiDAR is a LiDAR system designed for the automotive industry with high reliability, high safety and high performance requirements to support autonomous driving and advanced driver assistance systems (ADAS). Compared with ordinary LiDAR, automotive-grade LiDAR has higher standards in terms of working environment, anti-interference ability, fault safety and durability, and can cope with various complex driving environments and extreme conditions. Mechanical laser radar, such as multi-line laser radar, has multiple laser transceiver modules. During the offline matching process of laser radar, they need to be matched or debugged one by one, which has a very long impact on the production cycle of laser radar and the cost will increase accordingly. Semi-solid/solid state does not have similar problems, especially pure solid state, where the chip directly transmits and receives laser radar, and there is no need for so-called matching and debugging. The cost is on a downward trend from mechanical to semi-solid to solid state. In addition, with large-scale mass production, the cost of automotive laser radar will also be on a downward channel. The large-scale application stage of laser radar needs to significantly reduce costs and increase product life. Laser radar with chip architecture can integrate hundreds of discrete devices into one chip, which reduces the volume, reduces material costs, and improves reliability. Laser radar with chip architecture is the future development direction. The performance of laser radar, especially resolution and detection range, is continuously improving. High-precision

three-dimensional environment modeling, long-distance detection capability and adaptability to complex environments make the role of laser radar in autonomous driving more and more important. In the future, the detection range of laser radar will be further increased, and the resolution will also be improved, which will be able to perceive obstacles in the surrounding environment more finely, especially when driving at high speeds. Stable car sales, rising penetration rate of autonomous driving, and the rigid demand for automotive LiDAR for autonomous driving have determined the blue ocean market for automotive LiDAR.

The global In-vehicle LiDAR market size was estimated at USD 950.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 46.60% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global In-vehicle LiDAR market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global In-vehicle LiDAR market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the In-vehicle LiDAR market.

Global In-vehicle LiDAR Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-

user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

Hesai Tech
RoboSense
Huawei
Seyond
Valeo
Luminar
Ouster
Innoviz
Aeva
Cepton

Market Segmentation (by Type)

Main LiDAR
Blind Spot LiDAR

Market Segmentation (by Application)

ADAS
Autonomous Driving

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 In-vehicle LiDAR Market

Overview of the regional outlook of the In-vehicle LiDAR Market:

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.

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 In-vehicle LiDAR 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 shares the main producing countries of In-vehicle LiDAR, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 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 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

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 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.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of In-vehicle LiDAR
- 1.2 Key Market Segments
 - 1.2.1 In-vehicle LiDAR Segment by Type
 - 1.2.2 In-vehicle LiDAR 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 IN-VEHICLE LIDAR MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global In-vehicle LiDAR Market Size (M USD) Estimates and Forecasts (2020-2035)
 - 2.1.2 Global In-vehicle LiDAR Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 IN-VEHICLE LIDAR MARKET COMPETITIVE LANDSCAPE

- 3.1 Company Assessment Quadrant
- 3.2 Global In-vehicle LiDAR Product Life Cycle
- 3.3 Global In-vehicle LiDAR Sales by Manufacturers (2020-2025)
- 3.4 Global In-vehicle LiDAR Revenue Market Share by Manufacturers (2020-2025)
- 3.5 In-vehicle LiDAR Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global In-vehicle LiDAR Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 In-vehicle LiDAR Market Competitive Situation and Trends
 - 3.8.1 In-vehicle LiDAR Market Concentration Rate
 - 3.8.2 Global 5 and 10 Largest In-vehicle LiDAR Players Market Share by Revenue
 - 3.8.3 Mergers & Acquisitions, Expansion

4 IN-VEHICLE LIDAR INDUSTRY CHAIN ANALYSIS

- 4.1 In-vehicle LiDAR 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 IN-VEHICLE LIDAR MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
 - 5.4.1 New Product Developments
 - 5.4.2 Mergers & Acquisitions
 - 5.4.3 Expansions
 - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
 - 5.5.1 Industry Policies Analysis
 - 5.5.2 Economic Environment Analysis
 - 5.5.3 Social Environment Analysis
 - 5.5.4 Technological Environment Analysis
- 5.6 Global In-vehicle LiDAR Market Porter's Five Forces Analysis
 - 5.6.1 Global Trade Frictions
 - 5.6.2 U.S. Tariff Policy ? April 2025
 - 5.6.3 Global Trade Frictions and Their Impacts to In-vehicle LiDAR Market
- 5.7 ESG Ratings of Leading Companies

6 IN-VEHICLE LIDAR MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global In-vehicle LiDAR Sales Market Share by Type (2020-2025)
- 6.3 Global In-vehicle LiDAR Market Size by Type (2020-2025)
- 6.4 Global In-vehicle LiDAR Price by Type (2020-2025)

7 IN-VEHICLE LIDAR MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global In-vehicle LiDAR Market Sales by Application (2020-2025)
- 7.3 Global In-vehicle LiDAR Market Size (M USD) by Application (2020-2025)

7.4 Global In-vehicle LiDAR Sales Growth Rate by Application (2020-2025)

8 IN-VEHICLE LiDAR MARKET SALES BY REGION

8.1 Global In-vehicle LiDAR Sales by Region

8.1.1 Global In-vehicle LiDAR Sales by Region

8.1.2 Global In-vehicle LiDAR Sales Market Share by Region

8.2 Global In-vehicle LiDAR Market Size by Region

8.2.1 Global In-vehicle LiDAR Market Size by Region

8.2.2 Global In-vehicle LiDAR Market Size by Region

8.3 North America

8.3.1 North America In-vehicle LiDAR Sales by Country

8.3.2 North America In-vehicle LiDAR Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe In-vehicle LiDAR Sales by Country

8.4.2 Europe In-vehicle LiDAR Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific In-vehicle LiDAR Sales by Region

8.5.2 Asia Pacific In-vehicle LiDAR Market Size by Region

8.5.3 China Market Overview

8.5.4 Japan Market Overview

8.5.5 South Korea Market Overview

8.5.6 India Market Overview

8.5.7 Southeast Asia Market Overview

8.6 South America

8.6.1 South America In-vehicle LiDAR Sales by Country

8.6.2 South America In-vehicle LiDAR Market Size by Country

8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

- 8.7.1 Middle East and Africa In-vehicle LiDAR Sales by Region
- 8.7.2 Middle East and Africa In-vehicle LiDAR Market Size by Region
- 8.7.3 Saudi Arabia Market Overview
- 8.7.4 UAE Market Overview
- 8.7.5 Egypt Market Overview
- 8.7.6 Nigeria Market Overview
- 8.7.7 South Africa Market Overview

9 IN-VEHICLE LIDAR MARKET PRODUCTION BY REGION

- 9.1 Global Production of In-vehicle LiDAR by Region(2020-2025)
- 9.2 Global In-vehicle LiDAR Revenue Market Share by Region (2020-2025)
- 9.3 Global In-vehicle LiDAR Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America In-vehicle LiDAR Production
 - 9.4.1 North America In-vehicle LiDAR Production Growth Rate (2020-2025)
 - 9.4.2 North America In-vehicle LiDAR Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe In-vehicle LiDAR Production
 - 9.5.1 Europe In-vehicle LiDAR Production Growth Rate (2020-2025)
 - 9.5.2 Europe In-vehicle LiDAR Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan In-vehicle LiDAR Production (2020-2025)
 - 9.6.1 Japan In-vehicle LiDAR Production Growth Rate (2020-2025)
 - 9.6.2 Japan In-vehicle LiDAR Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China In-vehicle LiDAR Production (2020-2025)
 - 9.7.1 China In-vehicle LiDAR Production Growth Rate (2020-2025)
 - 9.7.2 China In-vehicle LiDAR Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

- 10.1 Hesai Tech
 - 10.1.1 Hesai Tech Basic Information
 - 10.1.2 Hesai Tech In-vehicle LiDAR Product Overview
 - 10.1.3 Hesai Tech In-vehicle LiDAR Product Market Performance
 - 10.1.4 Hesai Tech Business Overview
 - 10.1.5 Hesai Tech SWOT Analysis
 - 10.1.6 Hesai Tech Recent Developments

10.2 RoboSense

10.2.1 RoboSense Basic Information

10.2.2 RoboSense In-vehicle LiDAR Product Overview

10.2.3 RoboSense In-vehicle LiDAR Product Market Performance

10.2.4 RoboSense Business Overview

10.2.5 RoboSense SWOT Analysis

10.2.6 RoboSense Recent Developments

10.3 Huawei

10.3.1 Huawei Basic Information

10.3.2 Huawei In-vehicle LiDAR Product Overview

10.3.3 Huawei In-vehicle LiDAR Product Market Performance

10.3.4 Huawei Business Overview

10.3.5 Huawei SWOT Analysis

10.3.6 Huawei Recent Developments

10.4 Seyond

10.4.1 Seyond Basic Information

10.4.2 Seyond In-vehicle LiDAR Product Overview

10.4.3 Seyond In-vehicle LiDAR Product Market Performance

10.4.4 Seyond Business Overview

10.4.5 Seyond Recent Developments

10.5 Valeo

10.5.1 Valeo Basic Information

10.5.2 Valeo In-vehicle LiDAR Product Overview

10.5.3 Valeo In-vehicle LiDAR Product Market Performance

10.5.4 Valeo Business Overview

10.5.5 Valeo Recent Developments

10.6 Luminar

10.6.1 Luminar Basic Information

10.6.2 Luminar In-vehicle LiDAR Product Overview

10.6.3 Luminar In-vehicle LiDAR Product Market Performance

10.6.4 Luminar Business Overview

10.6.5 Luminar Recent Developments

10.7 Ouster

10.7.1 Ouster Basic Information

10.7.2 Ouster In-vehicle LiDAR Product Overview

10.7.3 Ouster In-vehicle LiDAR Product Market Performance

10.7.4 Ouster Business Overview

10.7.5 Ouster Recent Developments

10.8 Innoviz

- 10.8.1 Innoviz Basic Information
- 10.8.2 Innoviz In-vehicle LiDAR Product Overview
- 10.8.3 Innoviz In-vehicle LiDAR Product Market Performance
- 10.8.4 Innoviz Business Overview
- 10.8.5 Innoviz Recent Developments
- 10.9 Aeva
 - 10.9.1 Aeva Basic Information
 - 10.9.2 Aeva In-vehicle LiDAR Product Overview
 - 10.9.3 Aeva In-vehicle LiDAR Product Market Performance
 - 10.9.4 Aeva Business Overview
 - 10.9.5 Aeva Recent Developments
- 10.10 Cepton
 - 10.10.1 Cepton Basic Information
 - 10.10.2 Cepton In-vehicle LiDAR Product Overview
 - 10.10.3 Cepton In-vehicle LiDAR Product Market Performance
 - 10.10.4 Cepton Business Overview
 - 10.10.5 Cepton Recent Developments

11 IN-VEHICLE LIDAR MARKET FORECAST BY REGION

- 11.1 Global In-vehicle LiDAR Market Size Forecast
- 11.2 Global In-vehicle LiDAR Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe In-vehicle LiDAR Market Size Forecast by Country
 - 11.2.3 Asia Pacific In-vehicle LiDAR Market Size Forecast by Region
 - 11.2.4 South America In-vehicle LiDAR Market Size Forecast by Country
 - 11.2.5 Middle East and Africa Forecasted Sales of In-vehicle LiDAR by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)

- 12.1 Global In-vehicle LiDAR Market Forecast by Type (2026-2035)
 - 12.1.1 Global Forecasted Sales of In-vehicle LiDAR by Type (2026-2035)
 - 12.1.2 Global In-vehicle LiDAR Market Size Forecast by Type (2026-2035)
 - 12.1.3 Global Forecasted Price of In-vehicle LiDAR by Type (2026-2035)
- 12.2 Global In-vehicle LiDAR Market Forecast by Application (2026-2035)
 - 12.2.1 Global In-vehicle LiDAR Sales (K Units) Forecast by Application
 - 12.2.2 Global In-vehicle LiDAR Market Size (M USD) Forecast by Application (2026-2035)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Global In-vehicle LiDAR Market Size by Type (M USD)
- Table 4. Global In-vehicle LiDAR Market Size by Application
- Table 5. In-vehicle LiDAR Market Size Comparison by Region (M USD)
- Table 6. Global In-vehicle LiDAR Sales (K Units) by Manufacturers (2020-2025)
- Table 7. Global In-vehicle LiDAR Sales Market Share by Manufacturers (2020-2025)
- Table 8. Global In-vehicle LiDAR Revenue (M USD) by Manufacturers (2020-2025)
- Table 9. Global In-vehicle LiDAR Revenue Share by Manufacturers (2020-2025)
- Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in In-vehicle LiDAR as of 2025)
- Table 11. Global Market In-vehicle LiDAR Average Price (USD/Unit) of Key Manufacturers (2020-2025)
- Table 12. Manufacturers? Manufacturing Sites, Areas Served
- Table 13. Manufacturers? Product Type
- Table 14. Global In-vehicle LiDAR Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15. Mergers & Acquisitions, Expansion Plans
- 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. In-vehicle LiDAR Market Challenges
- Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026
- Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027
- Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026
- Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries
- Table 26. Global In-vehicle LiDAR Sales by Type (K Units)
- Table 27. Global In-vehicle LiDAR Market Size by Type (M USD)
- Table 28. Global In-vehicle LiDAR Sales (K Units) by Type (2020-2025)
- Table 29. Global In-vehicle LiDAR Sales Market Share by Type (2020-2025)
- Table 30. Global In-vehicle LiDAR Market Size (M USD) by Type (2020-2025)
- Table 31. Global In-vehicle LiDAR Market Share by Type (2020-2025)

- Table 32. Global In-vehicle LiDAR Price (USD/Unit) by Type (2020-2025)
- Table 33. Global In-vehicle LiDAR Sales (K Units) by Application
- Table 34. Global In-vehicle LiDAR Market Size by Application
- Table 35. Global In-vehicle LiDAR Sales by Application (2020-2025) & (K Units)
- Table 36. Global In-vehicle LiDAR Sales Market Share by Application (2020-2025)
- Table 37. Global In-vehicle LiDAR Market Size by Application (2020-2025) & (M USD)
- Table 38. Global In-vehicle LiDAR Market Share by Application (2020-2025)
- Table 39. Global In-vehicle LiDAR Sales Growth Rate by Application (2020-2025)
- Table 40. Global In-vehicle LiDAR Sales by Region (2020-2025) & (K Units)
- Table 41. Global In-vehicle LiDAR Sales Market Share by Region (2020-2025)
- Table 42. Global In-vehicle LiDAR Market Size by Region (2020-2025) & (M USD)
- Table 43. Global In-vehicle LiDAR Market Size by Region (2020-2025)
- Table 44. North America In-vehicle LiDAR Sales by Country (2020-2025) & (K Units)
- Table 45. North America In-vehicle LiDAR Market Size by Country (2020-2025) & (M USD)
- Table 46. Europe In-vehicle LiDAR Sales by Country (2020-2025) & (K Units)
- Table 47. Europe In-vehicle LiDAR Market Size by Country (2020-2025) & (M USD)
- Table 48. Asia Pacific In-vehicle LiDAR Sales by Region (2020-2025) & (K Units)
- Table 49. Asia Pacific In-vehicle LiDAR Market Size by Region (2020-2025) & (M USD)
- Table 50. South America In-vehicle LiDAR Sales by Country (2020-2025) & (K Units)
- Table 51. South America In-vehicle LiDAR Market Size by Country (2020-2025) & (M USD)
- Table 52. Middle East and Africa In-vehicle LiDAR Sales by Region (2020-2025) & (K Units)
- Table 53. Middle East and Africa In-vehicle LiDAR Market Size by Region (2020-2025) & (M USD)
- Table 54. Global In-vehicle LiDAR Production (K Units) by Region(2020-2025)
- Table 55. Global In-vehicle LiDAR Revenue (US\$ Million) by Region (2020-2025)
- Table 56. Global In-vehicle LiDAR Revenue Market Share by Region (2020-2025)
- Table 57. Global In-vehicle LiDAR Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 58. North America In-vehicle LiDAR Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 59. Europe In-vehicle LiDAR Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 60. Japan In-vehicle LiDAR Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 61. China In-vehicle LiDAR Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 62. Hesai Tech Basic Information

Table 63. Hesai Tech In-vehicle LiDAR Product Overview

Table 64. Hesai Tech In-vehicle LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. Hesai Tech Business Overview

Table 66. Hesai Tech SWOT Analysis

Table 67. Hesai Tech Recent Developments

Table 68. RoboSense Basic Information

Table 69. RoboSense In-vehicle LiDAR Product Overview

Table 70. RoboSense In-vehicle LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 71. RoboSense Business Overview

Table 72. RoboSense SWOT Analysis

Table 73. RoboSense Recent Developments

Table 74. Huawei Basic Information

Table 75. Huawei In-vehicle LiDAR Product Overview

Table 76. Huawei In-vehicle LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 77. Huawei Business Overview

Table 78. Huawei SWOT Analysis

Table 79. Huawei Recent Developments

Table 80. Seyond Basic Information

Table 81. Seyond In-vehicle LiDAR Product Overview

Table 82. Seyond In-vehicle LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 83. Seyond Business Overview

Table 84. Seyond Recent Developments

Table 85. Valeo Basic Information

Table 86. Valeo In-vehicle LiDAR Product Overview

Table 87. Valeo In-vehicle LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 88. Valeo Business Overview

Table 89. Valeo Recent Developments

Table 90. Luminar Basic Information

Table 91. Luminar In-vehicle LiDAR Product Overview

Table 92. Luminar In-vehicle LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 93. Luminar Business Overview

Table 94. Luminar Recent Developments

- Table 95. Ouster Basic Information
- Table 96. Ouster In-vehicle LiDAR Product Overview
- Table 97. Ouster In-vehicle LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 98. Ouster Business Overview
- Table 99. Ouster Recent Developments
- Table 100. Innoviz Basic Information
- Table 101. Innoviz In-vehicle LiDAR Product Overview
- Table 102. Innoviz In-vehicle LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 103. Innoviz Business Overview
- Table 104. Innoviz Recent Developments
- Table 105. Aeva Basic Information
- Table 106. Aeva In-vehicle LiDAR Product Overview
- Table 107. Aeva In-vehicle LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 108. Aeva Business Overview
- Table 109. Aeva Recent Developments
- Table 110. Cepton Basic Information
- Table 111. Cepton In-vehicle LiDAR Product Overview
- Table 112. Cepton In-vehicle LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 113. Cepton Business Overview
- Table 114. Cepton Recent Developments
- Table 115. Global In-vehicle LiDAR Sales Forecast by Region (2026-2035) & (K Units)
- Table 116. Global In-vehicle LiDAR Market Size Forecast by Region (2026-2035) & (M USD)
- Table 117. North America In-vehicle LiDAR Sales Forecast by Country (2026-2035) & (K Units)
- Table 118. North America In-vehicle LiDAR Market Size Forecast by Country (2026-2035) & (M USD)
- Table 119. Europe In-vehicle LiDAR Sales Forecast by Country (2026-2035) & (K Units)
- Table 120. Europe In-vehicle LiDAR Market Size Forecast by Country (2026-2035) & (M USD)
- Table 121. Asia Pacific In-vehicle LiDAR Sales Forecast by Region (2026-2035) & (K Units)
- Table 122. Asia Pacific In-vehicle LiDAR Market Size Forecast by Region (2026-2035) & (M USD)
- Table 123. South America In-vehicle LiDAR Sales Forecast by Country (2026-2035) &

(K Units)

Table 124. South America In-vehicle LiDAR Market Size Forecast by Country (2026-2035) & (M USD)

Table 125. Middle East and Africa In-vehicle LiDAR Sales Forecast by Country (2026-2035) & (Units)

Table 126. Middle East and Africa In-vehicle LiDAR Market Size Forecast by Country (2026-2035) & (M USD)

Table 127. Global In-vehicle LiDAR Sales Forecast by Type (2026-2035) & (K Units)

Table 128. Global In-vehicle LiDAR Market Size Forecast by Type (2026-2035) & (M USD)

Table 129. Global In-vehicle LiDAR Price Forecast by Type (2026-2035) & (USD/Unit)

Table 130. Global In-vehicle LiDAR Sales (K Units) Forecast by Application (2026-2035)

Table 131. Global In-vehicle LiDAR Market Size Forecast by Application (2026-2035) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of In-vehicle LiDAR
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global In-vehicle LiDAR Market Size (M USD), 2025-2035
- Figure 5. Global In-vehicle LiDAR Market Size (M USD) (2020-2035)
- Figure 6. Global In-vehicle LiDAR Sales (K Units) & (2020-2035)
- 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. In-vehicle LiDAR Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global In-vehicle LiDAR Product Life Cycle
- Figure 13. In-vehicle LiDAR Sales Share by Manufacturers in 2025
- Figure 14. Global In-vehicle LiDAR Revenue Share by Manufacturers in 2025
- Figure 15. In-vehicle LiDAR Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market In-vehicle LiDAR Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by In-vehicle LiDAR Revenue in 2025
- Figure 18. Industry Chain Map of In-vehicle LiDAR
- Figure 19. Global In-vehicle LiDAR Market PEST Analysis
- Figure 20. Global In-vehicle LiDAR Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global In-vehicle LiDAR Market Share by Type
- Figure 27. Sales Market Share of In-vehicle LiDAR by Type (2020-2025)
- Figure 28. Sales Market Share of In-vehicle LiDAR by Type in 2025
- Figure 29. Market Share of In-vehicle LiDAR by Type (2020-2025)
- Figure 30. Market Share of In-vehicle LiDAR by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global In-vehicle LiDAR Market Share by Application

- Figure 33. Global In-vehicle LiDAR Sales Market Share by Application (2020-2025)
- Figure 34. Global In-vehicle LiDAR Sales Market Share by Application in 2025
- Figure 35. Global In-vehicle LiDAR Market Share by Application (2020-2025)
- Figure 36. Global In-vehicle LiDAR Market Share by Application in 2025
- Figure 37. Global In-vehicle LiDAR Sales Growth Rate by Application (2020-2025)
- Figure 38. Global In-vehicle LiDAR Sales Market Share by Region (2020-2025)
- Figure 39. Global In-vehicle LiDAR Market Size by Region (2020-2025)
- Figure 40. North America In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)
- Figure 41. North America In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)
- Figure 42. North America In-vehicle LiDAR Sales Market Share by Country in 2024
- Figure 43. North America In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 44. North America In-vehicle LiDAR Market Size by Country in 2024
- Figure 45. U.S. In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)
- Figure 46. U.S. In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 47. Canada In-vehicle LiDAR Sales (K Units) and Growth Rate (2020-2025)
- Figure 48. Canada In-vehicle LiDAR Market Size (M USD) and Growth Rate (2020-2025)
- Figure 49. Mexico In-vehicle LiDAR Sales (Units) and Growth Rate (2020-2025)
- Figure 50. Mexico In-vehicle LiDAR Market Size (Units) and Growth Rate (2020-2025)
- Figure 51. Europe In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)
- Figure 52. Europe In-vehicle LiDAR Sales Market Share by Country in 2024
- Figure 53. Europe In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 54. Europe In-vehicle LiDAR Market Size by Country in 2024
- Figure 55. Germany In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)
- Figure 56. Germany In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 57. France In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)
- Figure 58. France In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 59. U.K. In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)
- Figure 60. U.K. In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 61. Italy In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)
- Figure 62. Italy In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 63. Spain In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)
- Figure 64. Spain In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

USD)

Figure 65. Asia Pacific In-vehicle LiDAR Sales and Growth Rate (K Units)

Figure 66. Asia Pacific In-vehicle LiDAR Sales Market Share by Region in 2024

Figure 67. Asia Pacific In-vehicle LiDAR Market Size by Region in 2024

Figure 68. China In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America In-vehicle LiDAR Sales and Growth Rate (K Units)

Figure 79. South America In-vehicle LiDAR Sales Market Share by Country in 2024

Figure 80. South America In-vehicle LiDAR Market Size and Growth Rate (M USD)

Figure 81. South America In-vehicle LiDAR Market Size by Country in 2024

Figure 82. Brazil In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa In-vehicle LiDAR Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa In-vehicle LiDAR Sales Market Share by Region in 2024

Figure 90. Middle East and Africa In-vehicle LiDAR Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa In-vehicle LiDAR Market Size by Region in 2024

Figure 92. Saudi Arabia In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa In-vehicle LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa In-vehicle LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global In-vehicle LiDAR Production Market Share by Region (2020-2025)

Figure 103. North America In-vehicle LiDAR Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe In-vehicle LiDAR Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan In-vehicle LiDAR Production (K Units) Growth Rate (2020-2025)

Figure 106. China In-vehicle LiDAR Production (K Units) Growth Rate (2020-2025)

Figure 107. Global In-vehicle LiDAR Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global In-vehicle LiDAR Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global In-vehicle LiDAR Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global In-vehicle LiDAR Market Share Forecast by Type (2026-2035)

Figure 111. Global In-vehicle LiDAR Sales Forecast by Application (2026-2035)

Figure 112. Global In-vehicle LiDAR Market Share Forecast by Application (2026-2035)

I would like to order

Product name: Global In-vehicle LiDAR Market Research Report 2026(Status and Outlook)

Product link: <https://marketpublishers.com/r/G81D2D6C7D08EN.html>

Price: US\$ 2,980.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G81D2D6C7D08EN.html>