



Vehicle Mounted LiDAR Industry Research Report 2026

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Automobile & Transportation	2026-01-01	137	PDF
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Description

The global Vehicle Mounted LiDAR market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

The North America market for Vehicle Mounted LiDAR is forecast to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026–2032.

The Europe market for Vehicle Mounted LiDAR is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

The Asia Pacific market for Vehicle Mounted LiDAR is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032.

Leading global manufacturers of Vehicle Mounted LiDAR include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report quantifies the global Vehicle Mounted LiDAR market in revenue (US\$ million) and, where applicable, sales volume (k units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/k units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Vehicle Mounted LiDAR.

Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Vehicle Mounted LiDAR Market by Company

Valeo

Luminar Technologies

Innoviz Technologies

Ibeo Automotive Systems GmbH

Velodyne Lidar
LeddarTech
Continental
RoboSense
Quanergy Systems
Hesai Technology
LeiShen Intelligent System
Innovusion
Lumentum
Aeva
Livox (DJI)
Huawei
Surestar
Benewake

Vehicle Mounted LiDAR Segment by Type

Solid State LiDAR
Mechanical LiDAR

Vehicle Mounted LiDAR Segment by Application

Passenger Vehicle
Commercial Vehicle

Vehicle Mounted LiDAR Segment by Region

North America
United States
Canada
Mexico
Europe
Germany
France
U.K.
Italy
Russia
Spain
Netherlands
Switzerland
Sweden
Poland
Asia-Pacific
China
Japan
South Korea
India
Australia
Taiwan
Southeast Asia
South America
Brazil

Argentina
Chile
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Vehicle Mounted LiDAR market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Vehicle Mounted LiDAR and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Vehicle Mounted LiDAR.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, 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 market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Detailed analysis of Vehicle Mounted LiDAR manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5:

Production/output, value of Vehicle Mounted LiDAR by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6:

Consumption of Vehicle Mounted LiDAR in regional level and country level. It 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 production of each country in the world.

Chapter 7:

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8:

Provides the analysis of various market segments by 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 9:

Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10:

Introduces the market dynamics, 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 11:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 Vehicle Mounted LiDAR by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.2.2 Solid State LiDAR
 - 2.2.3 Mechanical LiDAR
- 2.3 Vehicle Mounted LiDAR by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.3.2 Passenger Vehicle
 - 2.3.3 Commercial Vehicle
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Vehicle Mounted LiDAR Production Value Estimates and Forecasts (2021-2032)
 - 2.4.2 Global Vehicle Mounted LiDAR Production Capacity Estimates and Forecasts (2021-2032)
 - 2.4.3 Global Vehicle Mounted LiDAR Production Estimates and Forecasts (2021-2032)
 - 2.4.4 Global Vehicle Mounted LiDAR Market Average Price (2021-2032)

3 Market Competitive Landscape by Manufacturers

- 3.1 Global Vehicle Mounted LiDAR Production by Manufacturers (2021-2026)
- 3.2 Global Vehicle Mounted LiDAR Production Value by Manufacturers (2021-2026)
- 3.3 Global Vehicle Mounted LiDAR Average Price by Manufacturers (2021-2026)
- 3.4 Global Vehicle Mounted LiDAR Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Vehicle Mounted LiDAR Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Vehicle Mounted LiDAR Manufacturers, Product Type & Application
- 3.7 Global Vehicle Mounted LiDAR Manufacturers Established Date
- 3.8 Global Vehicle Mounted LiDAR Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 Manufacturers Profiled

- 4.1 Valeo
 - 4.1.1 Valeo Vehicle Mounted LiDAR Company Information
 - 4.1.2 Valeo Vehicle Mounted LiDAR Business Overview
 - 4.1.3 Valeo Vehicle Mounted LiDAR Production, Value and Gross Margin (2021-2026)
 - 4.1.4 Valeo Product Portfolio
 - 4.1.5 Valeo Recent Developments
- 4.2 Luminar Technologies
 - 4.2.1 Luminar Technologies Vehicle Mounted LiDAR Company Information

[4.2.2 Luminar Technologies Vehicle Mounted LiDAR Business Overview](#)

[4.2.3 Luminar Technologies Vehicle Mounted LiDAR Production, Value and Gross Margin \(2021-2026\)](#)

[4.2.4 Luminar Technologies Product Portfolio](#)

[4.2.5 Luminar Technologies Recent Developments](#)

[4.3 Innoviz Technologies](#)

[4.3.1 Innoviz Technologies Vehicle Mounted LiDAR Company Information](#)

[4.3.2 Innoviz Technologies Vehicle Mounted LiDAR Business Overview](#)

[4.3.3 Innoviz Technologies Vehicle Mounted LiDAR Production, Value and Gross Margin \(2021-2026\)](#)

[4.3.4 Innoviz Technologies Product Portfolio](#)

[4.3.5 Innoviz Technologies Recent Developments](#)

[4.4 Ibeo Automotive Systems GmbH](#)

[4.4.1 Ibeo Automotive Systems GmbH Vehicle Mounted LiDAR Company Information](#)

[4.4.2 Ibeo Automotive Systems GmbH Vehicle Mounted LiDAR Business Overview](#)

[4.4.3 Ibeo Automotive Systems GmbH Vehicle Mounted LiDAR Production, Value and Gross Margin \(2021-2026\)](#)

[4.4.4 Ibeo Automotive Systems GmbH Product Portfolio](#)

[4.4.5 Ibeo Automotive Systems GmbH Recent Developments](#)

[4.5 Velodyne Lidar](#)

[4.5.1 Velodyne Lidar Vehicle Mounted LiDAR Company Information](#)

[4.5.2 Velodyne Lidar Vehicle Mounted LiDAR Business Overview](#)

[4.5.3 Velodyne Lidar Vehicle Mounted LiDAR Production, Value and Gross Margin \(2021-2026\)](#)

[4.5.4 Velodyne Lidar Product Portfolio](#)

[4.5.5 Velodyne Lidar Recent Developments](#)

[4.6 LeddarTech](#)

[4.6.1 LeddarTech Vehicle Mounted LiDAR Company Information](#)

[4.6.2 LeddarTech Vehicle Mounted LiDAR Business Overview](#)

[4.6.3 LeddarTech Vehicle Mounted LiDAR Production, Value and Gross Margin \(2021-2026\)](#)

[4.6.4 LeddarTech Product Portfolio](#)

[4.6.5 LeddarTech Recent Developments](#)

[4.7 Continental](#)

[4.7.1 Continental Vehicle Mounted LiDAR Company Information](#)

[4.7.2 Continental Vehicle Mounted LiDAR Business Overview](#)

[4.7.3 Continental Vehicle Mounted LiDAR Production, Value and Gross Margin \(2021-2026\)](#)

[4.7.4 Continental Product Portfolio](#)

[4.7.5 Continental Recent Developments](#)

[4.8 RoboSense](#)

[4.8.1 RoboSense Vehicle Mounted LiDAR Company Information](#)

[4.8.2 RoboSense Vehicle Mounted LiDAR Business Overview](#)

[4.8.3 RoboSense Vehicle Mounted LiDAR Production, Value and Gross Margin \(2021-2026\)](#)

[4.8.4 RoboSense Product Portfolio](#)

[4.8.5 RoboSense Recent Developments](#)

[4.9 Quanergy Systems](#)

[4.9.1 Quanergy Systems Vehicle Mounted LiDAR Company Information](#)

[4.9.2 Quanergy Systems Vehicle Mounted LiDAR Business Overview](#)

[4.9.3 Quanergy Systems Vehicle Mounted LiDAR Production, Value and Gross Margin \(2021-2026\)](#)

[4.9.4 Quanergy Systems Product Portfolio](#)

[4.9.5 Quanergy Systems Recent Developments](#)

[4.10 Hesai Technology](#)

[4.10.1 Hesai Technology Vehicle Mounted LiDAR Company Information](#)

4.10.2 Hesai Technology Vehicle Mounted LiDAR Business Overview

4.10.3 Hesai Technology Vehicle Mounted LiDAR Production, Value and Gross Margin (2021-2026)

4.10.4 Hesai Technology Product Portfolio

4.10.5 Hesai Technology Recent Developments

4.11 LeiShen Intelligent System

4.11.1 LeiShen Intelligent System Vehicle Mounted LiDAR Company Information

4.11.2 LeiShen Intelligent System Vehicle Mounted LiDAR Business Overview

4.11.3 LeiShen Intelligent System Vehicle Mounted LiDAR Production, Value and Gross Margin (2021-2026)

4.11.4 LeiShen Intelligent System Product Portfolio

4.11.5 LeiShen Intelligent System Recent Developments

4.12 Innovusion

4.12.1 Innovusion Vehicle Mounted LiDAR Company Information

4.12.2 Innovusion Vehicle Mounted LiDAR Business Overview

4.12.3 Innovusion Vehicle Mounted LiDAR Production, Value and Gross Margin (2021-2026)

4.12.4 Innovusion Product Portfolio

4.12.5 Innovusion Recent Developments

4.13 Lumentum

4.13.1 Lumentum Vehicle Mounted LiDAR Company Information

4.13.2 Lumentum Vehicle Mounted LiDAR Business Overview

4.13.3 Lumentum Vehicle Mounted LiDAR Production, Value and Gross Margin (2021-2026)

4.13.4 Lumentum Product Portfolio

4.13.5 Lumentum Recent Developments

4.14 Aeva

4.14.1 Aeva Vehicle Mounted LiDAR Company Information

4.14.2 Aeva Vehicle Mounted LiDAR Business Overview

4.14.3 Aeva Vehicle Mounted LiDAR Production, Value and Gross Margin (2021-2026)

4.14.4 Aeva Product Portfolio

4.14.5 Aeva Recent Developments

4.15 Livox (DJI)

4.15.1 Livox (DJI) Vehicle Mounted LiDAR Company Information

4.15.2 Livox (DJI) Vehicle Mounted LiDAR Business Overview

4.15.3 Livox (DJI) Vehicle Mounted LiDAR Production, Value and Gross Margin (2021-2026)

4.15.4 Livox (DJI) Product Portfolio

4.15.5 Livox (DJI) Recent Developments

4.16 Huawei

4.16.1 Huawei Vehicle Mounted LiDAR Company Information

4.16.2 Huawei Vehicle Mounted LiDAR Business Overview

4.16.3 Huawei Vehicle Mounted LiDAR Production, Value and Gross Margin (2021-2026)

4.16.4 Huawei Product Portfolio

4.16.5 Huawei Recent Developments

4.17 Surestar

4.17.1 Surestar Vehicle Mounted LiDAR Company Information

4.17.2 Surestar Vehicle Mounted LiDAR Business Overview

4.17.3 Surestar Vehicle Mounted LiDAR Production, Value and Gross Margin (2021-2026)

4.17.4 Surestar Product Portfolio

4.17.5 Surestar Recent Developments

4.18 Benewake

4.18.1 Benewake Vehicle Mounted LiDAR Company Information

4.18.2 Benewake Vehicle Mounted LiDAR Business Overview
4.18.3 Benewake Vehicle Mounted LiDAR Production, Value and Gross Margin (2021-2026)
4.18.4 Benewake Product Portfolio
4.18.5 Benewake Recent Developments

5 Global Vehicle Mounted LiDAR Production by Region

5.1 Global Vehicle Mounted LiDAR Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
5.2 Global Vehicle Mounted LiDAR Production by Region: 2021-2032
5.2.1 Global Vehicle Mounted LiDAR Production by Region: 2021-2026
5.2.2 Global Vehicle Mounted LiDAR Production Forecast by Region (2027-2032)
5.3 Global Vehicle Mounted LiDAR Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
5.4 Global Vehicle Mounted LiDAR Production Value by Region: 2021-2032
5.4.1 Global Vehicle Mounted LiDAR Production Value by Region: 2021-2026
5.4.2 Global Vehicle Mounted LiDAR Production Value Forecast by Region (2027-2032)
5.5 Global Vehicle Mounted LiDAR Market Price Analysis by Region (2021-2026)
5.6 Global Vehicle Mounted LiDAR Production and Value, YOY Growth
5.6.1 North America Vehicle Mounted LiDAR Production Value Estimates and Forecasts (2021-2032)
5.6.2 Europe Vehicle Mounted LiDAR Production Value Estimates and Forecasts (2021-2032)
5.6.3 China Vehicle Mounted LiDAR Production Value Estimates and Forecasts (2021-2032)
5.6.4 Japan Vehicle Mounted LiDAR Production Value Estimates and Forecasts (2021-2032)
5.6.5 South Korea Vehicle Mounted LiDAR Production Value Estimates and Forecasts (2021-2032)
5.6.6 India Vehicle Mounted LiDAR Production Value Estimates and Forecasts (2021-2032)

6 Global Vehicle Mounted LiDAR Consumption by Region

6.1 Global Vehicle Mounted LiDAR Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
6.2 Global Vehicle Mounted LiDAR Consumption by Region (2021-2032)
6.2.1 Global Vehicle Mounted LiDAR Consumption by Region: 2021-2026
6.2.2 Global Vehicle Mounted LiDAR Forecasted Consumption by Region (2027-2032)
6.3 North America
6.3.1 North America Vehicle Mounted LiDAR Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
6.3.2 North America Vehicle Mounted LiDAR Consumption by Country (2021-2032)
6.3.3 United States
6.3.4 Canada
6.3.5 Mexico
6.4 Europe
6.4.1 Europe Vehicle Mounted LiDAR Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
6.4.2 Europe Vehicle Mounted LiDAR Consumption by Country (2021-2032)
6.4.3 Germany
6.4.4 France
6.4.5 U.K.
6.4.6 Italy
6.4.7 Russia
6.4.8 Spain
6.4.9 Netherlands
6.4.10 Switzerland
6.4.11 Sweden
6.4.12 Poland
6.5 Asia Pacific
6.5.1 Asia Pacific Vehicle Mounted LiDAR Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.5.2 Asia Pacific Vehicle Mounted LiDAR Consumption by Country (2021-2032)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 India

6.5.7 Australia

6.5.8 Taiwan

6.5.9 Southeast Asia

6.6 South America, Middle East & Africa

6.6.1 South America, Middle East & Africa Vehicle Mounted LiDAR Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.6.2 South America, Middle East & Africa Vehicle Mounted LiDAR Consumption by Country (2021-2032)

6.6.3 Brazil

6.6.4 Argentina

6.6.5 Chile

6.6.6 Turkey

6.6.7 GCC Countries

7 Segment by Type

7.1 Global Vehicle Mounted LiDAR Production by Type (2021-2032)

7.1.1 Global Vehicle Mounted LiDAR Production by Type (2021-2032) & (k units)

7.1.2 Global Vehicle Mounted LiDAR Production Market Share by Type (2021-2032)

7.2 Global Vehicle Mounted LiDAR Production Value by Type (2021-2032)

7.2.1 Global Vehicle Mounted LiDAR Production Value by Type (2021-2032) & (US\$ Million)

7.2.2 Global Vehicle Mounted LiDAR Production Value Market Share by Type (2021-2032)

7.3 Global Vehicle Mounted LiDAR Price by Type (2021-2032)

8 Segment by Application

8.1 Global Vehicle Mounted LiDAR Production by Application (2021-2032)

8.1.1 Global Vehicle Mounted LiDAR Production by Application (2021-2032) & (k units)

8.1.2 Global Vehicle Mounted LiDAR Production Market Share by Application (2021-2032)

8.2 Global Vehicle Mounted LiDAR Production Value by Application (2021-2032)

8.2.1 Global Vehicle Mounted LiDAR Production Value by Application (2021-2032) & (US\$ Million)

8.2.2 Global Vehicle Mounted LiDAR Production Value Market Share by Application (2021-2032)

8.3 Global Vehicle Mounted LiDAR Price by Application (2021-2032)

9 Value Chain and Sales Channels Analysis of the Market

9.1 Vehicle Mounted LiDAR Value Chain Analysis

9.1.1 Vehicle Mounted LiDAR Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Vehicle Mounted LiDAR Production Mode & Process

9.2 Vehicle Mounted LiDAR Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Vehicle Mounted LiDAR Distributors

9.2.3 Vehicle Mounted LiDAR Customers

10 Global Vehicle Mounted LiDAR Analyzing Market Dynamics

10.1 Vehicle Mounted LiDAR Industry Trends

10.2 Vehicle Mounted LiDAR Industry Drivers

10.3 Vehicle Mounted LiDAR Industry Opportunities and Challenges

11 Report Conclusion

12 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Vehicle Mounted LiDAR Production by Manufacturers (k units) & (2021-2026)
- Table 6: Global Vehicle Mounted LiDAR Production Market Share by Manufacturers
- Table 7: Global Vehicle Mounted LiDAR Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Vehicle Mounted LiDAR Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Vehicle Mounted LiDAR Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global Vehicle Mounted LiDAR Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Vehicle Mounted LiDAR Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Vehicle Mounted LiDAR Manufacturers, Product Type & Application
- Table 13: Global Vehicle Mounted LiDAR Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Vehicle Mounted LiDAR by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: Valeo Company Information
- Table 18: Valeo Business Overview
- Table 19: Valeo Vehicle Mounted LiDAR Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 20: Valeo Vehicle Mounted LiDAR Product Portfolio
- Table 21: Valeo Recent Development
- Table 22: Luminar Technologies Company Information
- Table 23: Luminar Technologies Business Overview
- Table 24: Luminar Technologies Vehicle Mounted LiDAR Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 25: Luminar Technologies Vehicle Mounted LiDAR Product Portfolio
- Table 26: Luminar Technologies Recent Development
- Table 27: Innoviz Technologies Company Information
- Table 28: Innoviz Technologies Business Overview
- Table 29: Innoviz Technologies Vehicle Mounted LiDAR Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 30: Innoviz Technologies Vehicle Mounted LiDAR Product Portfolio
- Table 31: Innoviz Technologies Recent Development
- Table 32: Ibeo Automotive Systems GmbH Company Information
- Table 33: Ibeo Automotive Systems GmbH Business Overview
- Table 34: Ibeo Automotive Systems GmbH Vehicle Mounted LiDAR Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 35: Ibeo Automotive Systems GmbH Vehicle Mounted LiDAR Product Portfolio
- Table 36: Ibeo Automotive Systems GmbH Recent Development
- Table 37: Velodyne Lidar Company Information
- Table 38: Velodyne Lidar Business Overview
- Table 39: Velodyne Lidar Vehicle Mounted LiDAR Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 40: Velodyne Lidar Vehicle Mounted LiDAR Product Portfolio
- Table 41: Velodyne Lidar Recent Development
- Table 42: LeddarTech Company Information
- Table 43: LeddarTech Business Overview
- Table 44: LeddarTech Vehicle Mounted LiDAR Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 45: LeddarTech Vehicle Mounted LiDAR Product Portfolio
- Table 46: LeddarTech Recent Development
- Table 47: Continental Company Information
- Table 48: Continental Business Overview

- [Table 49: Continental Vehicle Mounted LiDAR Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 50: Continental Vehicle Mounted LiDAR Product Portfolio](#)
- [Table 51: Continental Recent Development](#)
- [Table 52: RoboSense Company Information](#)
- [Table 53: RoboSense Business Overview](#)
- [Table 54: RoboSense Vehicle Mounted LiDAR Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 55: RoboSense Vehicle Mounted LiDAR Product Portfolio](#)
- [Table 56: RoboSense Recent Development](#)
- [Table 57: Quanergy Systems Company Information](#)
- [Table 58: Quanergy Systems Business Overview](#)
- [Table 59: Quanergy Systems Vehicle Mounted LiDAR Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 60: Quanergy Systems Vehicle Mounted LiDAR Product Portfolio](#)
- [Table 61: Quanergy Systems Recent Development](#)
- [Table 62: Hesai Technology Company Information](#)
- [Table 63: Hesai Technology Business Overview](#)
- [Table 64: Hesai Technology Vehicle Mounted LiDAR Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 65: Hesai Technology Vehicle Mounted LiDAR Product Portfolio](#)
- [Table 66: Hesai Technology Recent Development](#)
- [Table 67: LeiShen Intelligent System Company Information](#)
- [Table 68: LeiShen Intelligent System Business Overview](#)
- [Table 69: LeiShen Intelligent System Vehicle Mounted LiDAR Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 70: LeiShen Intelligent System Vehicle Mounted LiDAR Product Portfolio](#)
- [Table 71: LeiShen Intelligent System Recent Development](#)
- [Table 72: Innovusion Company Information](#)
- [Table 73: Innovusion Business Overview](#)
- [Table 74: Innovusion Vehicle Mounted LiDAR Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 75: Innovusion Vehicle Mounted LiDAR Product Portfolio](#)
- [Table 76: Innovusion Recent Development](#)
- [Table 77: Lumentum Company Information](#)
- [Table 78: Lumentum Business Overview](#)
- [Table 79: Lumentum Vehicle Mounted LiDAR Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 80: Lumentum Vehicle Mounted LiDAR Product Portfolio](#)
- [Table 81: Lumentum Recent Development](#)
- [Table 82: Aeva Company Information](#)
- [Table 83: Aeva Business Overview](#)
- [Table 84: Aeva Vehicle Mounted LiDAR Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 85: Aeva Vehicle Mounted LiDAR Product Portfolio](#)
- [Table 86: Aeva Recent Development](#)
- [Table 87: Livox \(DJI\) Company Information](#)
- [Table 88: Livox \(DJI\) Business Overview](#)
- [Table 89: Livox \(DJI\) Vehicle Mounted LiDAR Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 90: Livox \(DJI\) Vehicle Mounted LiDAR Product Portfolio](#)
- [Table 91: Livox \(DJI\) Recent Development](#)
- [Table 92: Huawei Company Information](#)
- [Table 93: Huawei Business Overview](#)
- [Table 94: Huawei Vehicle Mounted LiDAR Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 95: Huawei Vehicle Mounted LiDAR Product Portfolio](#)
- [Table 96: Huawei Recent Development](#)
- [Table 97: Surestar Company Information](#)
- [Table 98: Surestar Business Overview](#)
- [Table 99: Surestar Vehicle Mounted LiDAR Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 100: Surestar Vehicle Mounted LiDAR Product Portfolio](#)
- [Table 101: Surestar Recent Development](#)
- [Table 102: Benewake Company Information](#)

- Table 103: Benewake Business Overview
- Table 104: Benewake Vehicle Mounted LiDAR Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 105: Benewake Vehicle Mounted LiDAR Product Portfolio
- Table 106: Benewake Recent Development
- Table 107: Global Vehicle Mounted LiDAR Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 108: Global Vehicle Mounted LiDAR Production by Region (2021-2026) & (k units)
- Table 109: Global Vehicle Mounted LiDAR Production Market Share by Region (2021-2026)
- Table 110: Global Vehicle Mounted LiDAR Production Forecast by Region (2027-2032) & (k units)
- Table 111: Global Vehicle Mounted LiDAR Production Market Share Forecast by Region (2027-2032)
- Table 112: Global Vehicle Mounted LiDAR Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 113: Global Vehicle Mounted LiDAR Production Value by Region (2021-2026) & (US\$ Million)
- Table 114: Global Vehicle Mounted LiDAR Production Value Market Share by Region (2021-2026)
- Table 115: Global Vehicle Mounted LiDAR Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 116: Global Vehicle Mounted LiDAR Market Average Price (USD/unit) by Region (2021-2026)
- Table 117: Global Vehicle Mounted LiDAR Market Average Price (USD/unit) by Region (2027-2032)
- Table 118: Global Vehicle Mounted LiDAR Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 119: Global Vehicle Mounted LiDAR Consumption by Region (2021-2026) & (k units)
- Table 120: Global Vehicle Mounted LiDAR Consumption Market Share by Region (2021-2026)
- Table 121: Global Vehicle Mounted LiDAR Forecasted Consumption by Region (2027-2032) & (k units)
- Table 122: Global Vehicle Mounted LiDAR Forecasted Consumption Market Share by Region (2027-2032)
- Table 123: North America Vehicle Mounted LiDAR Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 124: North America Vehicle Mounted LiDAR Consumption by Country (2021-2026) & (k units)
- Table 125: North America Vehicle Mounted LiDAR Consumption by Country (2027-2032) & (k units)
- Table 126: Europe Vehicle Mounted LiDAR Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 127: Europe Vehicle Mounted LiDAR Consumption by Country (2021-2026) & (k units)
- Table 128: Europe Vehicle Mounted LiDAR Consumption by Country (2027-2032) & (k units)
- Table 129: Asia Pacific Vehicle Mounted LiDAR Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 130: Asia Pacific Vehicle Mounted LiDAR Consumption by Country (2021-2026) & (k units)
- Table 131: Asia Pacific Vehicle Mounted LiDAR Consumption by Country (2027-2032) & (k units)
- Table 132: South America, Middle East & Africa Vehicle Mounted LiDAR Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 133: South America, Middle East & Africa Vehicle Mounted LiDAR Consumption by Country (2021-2026) & (k units)
- Table 134: South America, Middle East & Africa Vehicle Mounted LiDAR Consumption by Country (2027-2032) & (k units)
- Table 135: Global Vehicle Mounted LiDAR Production by Type (2021-2026) & (k units)
- Table 136: Global Vehicle Mounted LiDAR Production by Type (2027-2032) & (k units)
- Table 137: Global Vehicle Mounted LiDAR Production Market Share by Type (2021-2026)
- Table 138: Global Vehicle Mounted LiDAR Production Market Share by Type (2027-2032)
- Table 139: Global Vehicle Mounted LiDAR Production Value by Type (2021-2026) & (US\$ Million)
- Table 140: Global Vehicle Mounted LiDAR Production Value by Type (2027-2032) & (US\$ Million)
- Table 141: Global Vehicle Mounted LiDAR Production Value Market Share by Type (2021-2026)
- Table 142: Global Vehicle Mounted LiDAR Production Value Market Share by Type (2027-2032)
- Table 143: Global Vehicle Mounted LiDAR Price by Type (2021-2026) & (USD/unit)
- Table 144: Global Vehicle Mounted LiDAR Price by Type (2027-2032) & (USD/unit)
- Table 145: Global Vehicle Mounted LiDAR Production by Application (2021-2026) & (k units)
- Table 146: Global Vehicle Mounted LiDAR Production by Application (2027-2032) & (k units)
- Table 147: Global Vehicle Mounted LiDAR Production Market Share by Application (2021-2026)
- Table 148: Global Vehicle Mounted LiDAR Production Market Share by Application (2027-2032)
- Table 149: Global Vehicle Mounted LiDAR Production Value by Application (2021-2026) & (US\$ Million)
- Table 150: Global Vehicle Mounted LiDAR Production Value by Application (2027-2032) & (US\$ Million)
- Table 151: Global Vehicle Mounted LiDAR Production Value Market Share by Application (2021-2026)
- Table 152: Global Vehicle Mounted LiDAR Production Value Market Share by Application (2027-2032)
- Table 153: Global Vehicle Mounted LiDAR Price by Application (2021-2026) & (USD/unit)
- Table 154: Global Vehicle Mounted LiDAR Price by Application (2027-2032) & (USD/unit)
- Table 155: Key Raw Materials
- Table 156: Raw Materials Key Suppliers
- Table 157: Vehicle Mounted LiDAR Distributors List
- Table 158: Vehicle Mounted LiDAR Customers List
- Table 159: Vehicle Mounted LiDAR Industry Trends
- Table 160: Vehicle Mounted LiDAR Industry Drivers
- Table 161: Vehicle Mounted LiDAR Industry Restraints
- Table 162: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Vehicle Mounted LiDAR Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Solid State LiDAR Product Image
- Figure 7: Mechanical LiDAR Product Image
- Figure 8: Passenger Vehicle Product Image
- Figure 9: Commercial Vehicle Product Image
- Figure 10: Global Vehicle Mounted LiDAR Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 11: Global Vehicle Mounted LiDAR Production Value (2021-2032) & (US\$ Million)
- Figure 12: Global Vehicle Mounted LiDAR Production Capacity (2021-2032) & (k units)
- Figure 13: Global Vehicle Mounted LiDAR Production (2021-2032) & (k units)
- Figure 14: Global Vehicle Mounted LiDAR Average Price (USD/unit) & (2021-2032)
- Figure 15: Global Vehicle Mounted LiDAR Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 16: Global Top 5 and 10 Vehicle Mounted LiDAR Players Market Share by Production Value in 2025
- Figure 17: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 18: Global Vehicle Mounted LiDAR Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 19: Global Vehicle Mounted LiDAR Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 20: Global Vehicle Mounted LiDAR Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 21: Global Vehicle Mounted LiDAR Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 22: North America Vehicle Mounted LiDAR Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 23: Europe Vehicle Mounted LiDAR Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 24: China Vehicle Mounted LiDAR Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 25: Japan Vehicle Mounted LiDAR Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 26: South Korea Vehicle Mounted LiDAR Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 27: India Vehicle Mounted LiDAR Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: Global Vehicle Mounted LiDAR Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 29: Global Vehicle Mounted LiDAR Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 30: North America Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 31: North America Vehicle Mounted LiDAR Consumption Market Share by Country (2021-2032)
- Figure 32: United States Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 33: United States Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 34: Canada Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 35: Mexico Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 36: Europe Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 37: Europe Vehicle Mounted LiDAR Consumption Market Share by Country (2021-2032)
- Figure 38: Germany Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 39: France Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 40: U.K. Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 41: Italy Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 42: Russia Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 43: Spain Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 44: Netherlands Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 45: Switzerland Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 46: Sweden Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 47: Poland Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 48: Asia Pacific Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 49: Asia Pacific Vehicle Mounted LiDAR Consumption Market Share by Country (2021-2032)
- Figure 50: China Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 51: Japan Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 52: South Korea Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 53: India Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 54: Australia Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: Taiwan Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 56: Southeast Asia Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: South America, Middle East & Africa Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 58: South America, Middle East & Africa Vehicle Mounted LiDAR Consumption Market Share by Country (2021-2032)
- Figure 59: Brazil Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 60: Argentina Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 61: Chile Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 62: Turkey Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)
- Figure 63: GCC Countries Vehicle Mounted LiDAR Consumption and Growth Rate (2021-2032) & (k units)

- Figure 64: Global Vehicle Mounted LiDAR Production Market Share by Type (2021-2032)
- Figure 65: Global Vehicle Mounted LiDAR Production Value Market Share by Type (2021-2032)
- Figure 66: Global Vehicle Mounted LiDAR Price (USD/unit) by Type (2021-2032)
- Figure 67: Global Vehicle Mounted LiDAR Production Market Share by Application (2021-2032)
- Figure 68: Global Vehicle Mounted LiDAR Production Value Market Share by Application (2021-2032)
- Figure 69: Global Vehicle Mounted LiDAR Price (USD/unit) by Application (2021-2032)
- Figure 70: Vehicle Mounted LiDAR Value Chain
- Figure 71: Vehicle Mounted LiDAR Production Mode & Process
- Figure 72: Direct Comparison with Distribution Share
- Figure 73: Distributors Profiles
- Figure 74: Vehicle Mounted LiDAR Industry Opportunities and Challenges