

# Global Multi-Beam LiDAR Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/GBDE210EEE22EN.html>

Date: March 2026

Pages: 153

Price: US\$ 3,200.00 (Single User License)

ID: GBDE210EEE22EN

## Abstracts

The 2025 U.S. tariff policies introduce profound uncertainty into the global economic landscape. This report critically examines the implications of recent tariff adjustments and international strategic countermeasures on Multi-Beam LiDAR competitive dynamics, regional economic interdependencies, and supply chain reconfigurations. Multi-beam LiDAR is an advanced sensor technology that increases data point density by using multiple beams, enhancing the capture of target object details, which is critical for precise navigation and safety in autonomous driving. However, more beams lead to higher costs, complex hardware, increased computational demands, and power consumption, requiring a trade-off based on application needs: 96-128 beams suffice for L2+ assisted driving, over 128 beams for urban NOA, and 192+ beams for Robotaxi in extreme conditions. Dynamic focusing technology can boost precision in critical areas, balancing performance and power. Beam count must align with computing power, algorithms, and scenarios, with future trends moving toward high beam counts at lower costs. North America and Europe pioneered LiDAR development, but some manufacturers have declined amid competition. Chinese manufacturers, driven by policy support and market demand, have rapidly grown to dominate the industry.

The global Multi-Beam LiDAR market size was estimated at USD 432.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 19.00% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Multi-Beam 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 Multi-Beam 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 Multi-Beam LiDAR market.

### **Global Multi-Beam 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**

Velodyne(Ouster)

Valeo

Luminar

HUAWEI

Shanghai Hesai Technology

Shenzhen Leishen Intelligent System

Shenzhen Robo Sense Technology  
Tanwei Technology (Beijing)  
Wuhan Tianmou Photoelectric Technology  
Seyond (Suzhou)  
Shanghai Xintan  
Shenzhen Livox Technology  
Beijing VanJee Technology  
Beijing LiangDao Automotive Technology  
RichBeam(Beijing)Technology

### **Market Segmentation (by Type)**

Mechanical  
Hybrid Solid-State  
Solid-State

### **Market Segmentation (by Application)**

Autonomous Vehicle  
Advanced Driver-Assistance Vehicle  
Industrial Robot  
Others

### **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 Multi-Beam LiDAR Market  
Overview of the regional outlook of the Multi-Beam 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 Multi-Beam 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 Multi-Beam 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 Multi-Beam LiDAR
- 1.2 Key Market Segments
  - 1.2.1 Multi-Beam LiDAR Segment by Type
  - 1.2.2 Multi-Beam 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 MULTI-BEAM LIDAR MARKET OVERVIEW**

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

### **3 MULTI-BEAM LIDAR MARKET COMPETITIVE LANDSCAPE**

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

### **4 MULTI-BEAM LIDAR INDUSTRY CHAIN ANALYSIS**

- 4.1 Multi-Beam 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 MULTI-BEAM 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 Multi-Beam 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 Multi-Beam LiDAR Market
- 5.7 ESG Ratings of Leading Companies

## **6 MULTI-BEAM LIDAR MARKET SEGMENTATION BY TYPE**

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

## **7 MULTI-BEAM LIDAR MARKET SEGMENTATION BY APPLICATION**

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

## 7.4 Global Multi-Beam LiDAR Sales Growth Rate by Application (2020-2025)

# 8 MULTI-BEAM LIDAR MARKET SALES BY REGION

## 8.1 Global Multi-Beam LiDAR Sales by Region

### 8.1.1 Global Multi-Beam LiDAR Sales by Region

### 8.1.2 Global Multi-Beam LiDAR Sales Market Share by Region

## 8.2 Global Multi-Beam LiDAR Market Size by Region

### 8.2.1 Global Multi-Beam LiDAR Market Size by Region

### 8.2.2 Global Multi-Beam LiDAR Market Size by Region

## 8.3 North America

### 8.3.1 North America Multi-Beam LiDAR Sales by Country

### 8.3.2 North America Multi-Beam 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 Multi-Beam LiDAR Sales by Country

### 8.4.2 Europe Multi-Beam 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 Multi-Beam LiDAR Sales by Region

### 8.5.2 Asia Pacific Multi-Beam 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 Multi-Beam LiDAR Sales by Country

### 8.6.2 South America Multi-Beam 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 Multi-Beam LiDAR Sales by Region
- 8.7.2 Middle East and Africa Multi-Beam 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 MULTI-BEAM LIDAR MARKET PRODUCTION BY REGION**

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

## **10 KEY COMPANIES PROFILE**

- 10.1 Velodyne(Ouster)
  - 10.1.1 Velodyne(Ouster) Basic Information
  - 10.1.2 Velodyne(Ouster) Multi-Beam LiDAR Product Overview
  - 10.1.3 Velodyne(Ouster) Multi-Beam LiDAR Product Market Performance
  - 10.1.4 Velodyne(Ouster) Business Overview
  - 10.1.5 Velodyne(Ouster) SWOT Analysis

- 10.1.6 Velodyne(Ouster) Recent Developments
- 10.2 Valeo
  - 10.2.1 Valeo Basic Information
  - 10.2.2 Valeo Multi-Beam LiDAR Product Overview
  - 10.2.3 Valeo Multi-Beam LiDAR Product Market Performance
  - 10.2.4 Valeo Business Overview
  - 10.2.5 Valeo SWOT Analysis
  - 10.2.6 Valeo Recent Developments
- 10.3 Luminar
  - 10.3.1 Luminar Basic Information
  - 10.3.2 Luminar Multi-Beam LiDAR Product Overview
  - 10.3.3 Luminar Multi-Beam LiDAR Product Market Performance
  - 10.3.4 Luminar Business Overview
  - 10.3.5 Luminar SWOT Analysis
  - 10.3.6 Luminar Recent Developments
- 10.4 HUAWEI
  - 10.4.1 HUAWEI Basic Information
  - 10.4.2 HUAWEI Multi-Beam LiDAR Product Overview
  - 10.4.3 HUAWEI Multi-Beam LiDAR Product Market Performance
  - 10.4.4 HUAWEI Business Overview
  - 10.4.5 HUAWEI Recent Developments
- 10.5 Shanghai Hesai Technology
  - 10.5.1 Shanghai Hesai Technology Basic Information
  - 10.5.2 Shanghai Hesai Technology Multi-Beam LiDAR Product Overview
  - 10.5.3 Shanghai Hesai Technology Multi-Beam LiDAR Product Market Performance
  - 10.5.4 Shanghai Hesai Technology Business Overview
  - 10.5.5 Shanghai Hesai Technology Recent Developments
- 10.6 Shenzhen Leishen Intelligent System
  - 10.6.1 Shenzhen Leishen Intelligent System Basic Information
  - 10.6.2 Shenzhen Leishen Intelligent System Multi-Beam LiDAR Product Overview
  - 10.6.3 Shenzhen Leishen Intelligent System Multi-Beam LiDAR Product Market Performance
  - 10.6.4 Shenzhen Leishen Intelligent System Business Overview
  - 10.6.5 Shenzhen Leishen Intelligent System Recent Developments
- 10.7 Shenzhen Robo Sense Technology
  - 10.7.1 Shenzhen Robo Sense Technology Basic Information
  - 10.7.2 Shenzhen Robo Sense Technology Multi-Beam LiDAR Product Overview
  - 10.7.3 Shenzhen Robo Sense Technology Multi-Beam LiDAR Product Market Performance

- 10.7.4 Shenzhen Robo Sense Technology Business Overview
- 10.7.5 Shenzhen Robo Sense Technology Recent Developments
- 10.8 Tanwei Technology (Beijing)
  - 10.8.1 Tanwei Technology (Beijing) Basic Information
  - 10.8.2 Tanwei Technology (Beijing) Multi-Beam LiDAR Product Overview
  - 10.8.3 Tanwei Technology (Beijing) Multi-Beam LiDAR Product Market Performance
  - 10.8.4 Tanwei Technology (Beijing) Business Overview
  - 10.8.5 Tanwei Technology (Beijing) Recent Developments
- 10.9 Wuhan Tianmou Photoelectric Technology
  - 10.9.1 Wuhan Tianmou Photoelectric Technology Basic Information
  - 10.9.2 Wuhan Tianmou Photoelectric Technology Multi-Beam LiDAR Product Overview
  - 10.9.3 Wuhan Tianmou Photoelectric Technology Multi-Beam LiDAR Product Market Performance
  - 10.9.4 Wuhan Tianmou Photoelectric Technology Business Overview
  - 10.9.5 Wuhan Tianmou Photoelectric Technology Recent Developments
- 10.10 Seyond (Suzhou)
  - 10.10.1 Seyond (Suzhou) Basic Information
  - 10.10.2 Seyond (Suzhou) Multi-Beam LiDAR Product Overview
  - 10.10.3 Seyond (Suzhou) Multi-Beam LiDAR Product Market Performance
  - 10.10.4 Seyond (Suzhou) Business Overview
  - 10.10.5 Seyond (Suzhou) Recent Developments
- 10.11 Shanghai Xintan
  - 10.11.1 Shanghai Xintan Basic Information
  - 10.11.2 Shanghai Xintan Multi-Beam LiDAR Product Overview
  - 10.11.3 Shanghai Xintan Multi-Beam LiDAR Product Market Performance
  - 10.11.4 Shanghai Xintan Business Overview
  - 10.11.5 Shanghai Xintan Recent Developments
- 10.12 Shenzhen Livox Technology
  - 10.12.1 Shenzhen Livox Technology Basic Information
  - 10.12.2 Shenzhen Livox Technology Multi-Beam LiDAR Product Overview
  - 10.12.3 Shenzhen Livox Technology Multi-Beam LiDAR Product Market Performance
  - 10.12.4 Shenzhen Livox Technology Business Overview
  - 10.12.5 Shenzhen Livox Technology Recent Developments
- 10.13 Beijing VanJee Technology
  - 10.13.1 Beijing VanJee Technology Basic Information
  - 10.13.2 Beijing VanJee Technology Multi-Beam LiDAR Product Overview
  - 10.13.3 Beijing VanJee Technology Multi-Beam LiDAR Product Market Performance
  - 10.13.4 Beijing VanJee Technology Business Overview

- 10.13.5 Beijing VanJee Technology Recent Developments
- 10.14 Beijing LiangDao Automotive Technology
  - 10.14.1 Beijing LiangDao Automotive Technology Basic Information
  - 10.14.2 Beijing LiangDao Automotive Technology Multi-Beam LiDAR Product Overview
  - 10.14.3 Beijing LiangDao Automotive Technology Multi-Beam LiDAR Product Market Performance
  - 10.14.4 Beijing LiangDao Automotive Technology Business Overview
  - 10.14.5 Beijing LiangDao Automotive Technology Recent Developments
- 10.15 RichBeam(Beijing)Technology
  - 10.15.1 RichBeam(Beijing)Technology Basic Information
  - 10.15.2 RichBeam(Beijing)Technology Multi-Beam LiDAR Product Overview
  - 10.15.3 RichBeam(Beijing)Technology Multi-Beam LiDAR Product Market Performance
  - 10.15.4 RichBeam(Beijing)Technology Business Overview
  - 10.15.5 RichBeam(Beijing)Technology Recent Developments

## **11 MULTI-BEAM LIDAR MARKET FORECAST BY REGION**

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

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

- 12.1 Global Multi-Beam LiDAR Market Forecast by Type (2026-2035)
  - 12.1.1 Global Forecasted Sales of Multi-Beam LiDAR by Type (2026-2035)
  - 12.1.2 Global Multi-Beam LiDAR Market Size Forecast by Type (2026-2035)
  - 12.1.3 Global Forecasted Price of Multi-Beam LiDAR by Type (2026-2035)
- 12.2 Global Multi-Beam LiDAR Market Forecast by Application (2026-2035)
  - 12.2.1 Global Multi-Beam LiDAR Sales (K Units) Forecast by Application
  - 12.2.2 Global Multi-Beam 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 Multi-Beam LiDAR Market Size by Type (M USD)
- Table 4. Global Multi-Beam LiDAR Market Size by Application
- Table 5. Multi-Beam LiDAR Market Size Comparison by Region (M USD)
- Table 6. Global Multi-Beam LiDAR Sales (K Units) by Manufacturers (2020-2025)
- Table 7. Global Multi-Beam LiDAR Sales Market Share by Manufacturers (2020-2025)
- Table 8. Global Multi-Beam LiDAR Revenue (M USD) by Manufacturers (2020-2025)
- Table 9. Global Multi-Beam LiDAR Revenue Share by Manufacturers (2020-2025)
- Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Multi-Beam LiDAR as of 2025)
- Table 11. Global Market Multi-Beam 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 Multi-Beam 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. Multi-Beam 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 Multi-Beam LiDAR Sales by Type (K Units)
- Table 27. Global Multi-Beam LiDAR Market Size by Type (M USD)
- Table 28. Global Multi-Beam LiDAR Sales (K Units) by Type (2020-2025)
- Table 29. Global Multi-Beam LiDAR Sales Market Share by Type (2020-2025)
- Table 30. Global Multi-Beam LiDAR Market Size (M USD) by Type (2020-2025)
- Table 31. Global Multi-Beam LiDAR Market Share by Type (2020-2025)

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

(USD/Unit) and Gross Margin (2020-2025)

Table 62. Velodyne(Ouster) Basic Information

Table 63. Velodyne(Ouster) Multi-Beam LiDAR Product Overview

Table 64. Velodyne(Ouster) Multi-Beam LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. Velodyne(Ouster) Business Overview

Table 66. Velodyne(Ouster) SWOT Analysis

Table 67. Velodyne(Ouster) Recent Developments

Table 68. Valeo Basic Information

Table 69. Valeo Multi-Beam LiDAR Product Overview

Table 70. Valeo Multi-Beam LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 71. Valeo Business Overview

Table 72. Valeo SWOT Analysis

Table 73. Valeo Recent Developments

Table 74. Luminar Basic Information

Table 75. Luminar Multi-Beam LiDAR Product Overview

Table 76. Luminar Multi-Beam LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 77. Luminar Business Overview

Table 78. Luminar SWOT Analysis

Table 79. Luminar Recent Developments

Table 80. HUAWEI Basic Information

Table 81. HUAWEI Multi-Beam LiDAR Product Overview

Table 82. HUAWEI Multi-Beam LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 83. HUAWEI Business Overview

Table 84. HUAWEI Recent Developments

Table 85. Shanghai Hesai Technology Basic Information

Table 86. Shanghai Hesai Technology Multi-Beam LiDAR Product Overview

Table 87. Shanghai Hesai Technology Multi-Beam LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 88. Shanghai Hesai Technology Business Overview

Table 89. Shanghai Hesai Technology Recent Developments

Table 90. Shenzhen Leishen Intelligent System Basic Information

Table 91. Shenzhen Leishen Intelligent System Multi-Beam LiDAR Product Overview

Table 92. Shenzhen Leishen Intelligent System Multi-Beam LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 93. Shenzhen Leishen Intelligent System Business Overview

- Table 94. Shenzhen Leishen Intelligent System Recent Developments
- Table 95. Shenzhen Robo Sense Technology Basic Information
- Table 96. Shenzhen Robo Sense Technology Multi-Beam LiDAR Product Overview
- Table 97. Shenzhen Robo Sense Technology Multi-Beam LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 98. Shenzhen Robo Sense Technology Business Overview
- Table 99. Shenzhen Robo Sense Technology Recent Developments
- Table 100. Tanwei Technology (Beijing) Basic Information
- Table 101. Tanwei Technology (Beijing) Multi-Beam LiDAR Product Overview
- Table 102. Tanwei Technology (Beijing) Multi-Beam LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 103. Tanwei Technology (Beijing) Business Overview
- Table 104. Tanwei Technology (Beijing) Recent Developments
- Table 105. Wuhan Tianmou Photoelectric Technology Basic Information
- Table 106. Wuhan Tianmou Photoelectric Technology Multi-Beam LiDAR Product Overview
- Table 107. Wuhan Tianmou Photoelectric Technology Multi-Beam LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 108. Wuhan Tianmou Photoelectric Technology Business Overview
- Table 109. Wuhan Tianmou Photoelectric Technology Recent Developments
- Table 110. Seyond (Suzhou) Basic Information
- Table 111. Seyond (Suzhou) Multi-Beam LiDAR Product Overview
- Table 112. Seyond (Suzhou) Multi-Beam LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 113. Seyond (Suzhou) Business Overview
- Table 114. Seyond (Suzhou) Recent Developments
- Table 115. Shanghai Xintan Basic Information
- Table 116. Shanghai Xintan Multi-Beam LiDAR Product Overview
- Table 117. Shanghai Xintan Multi-Beam LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 118. Shanghai Xintan Business Overview
- Table 119. Shanghai Xintan Recent Developments
- Table 120. Shenzhen Livox Technology Basic Information
- Table 121. Shenzhen Livox Technology Multi-Beam LiDAR Product Overview
- Table 122. Shenzhen Livox Technology Multi-Beam LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 123. Shenzhen Livox Technology Business Overview
- Table 124. Shenzhen Livox Technology Recent Developments
- Table 125. Beijing VanJee Technology Basic Information

- Table 126. Beijing VanJee Technology Multi-Beam LiDAR Product Overview
- Table 127. Beijing VanJee Technology Multi-Beam LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 128. Beijing VanJee Technology Business Overview
- Table 129. Beijing VanJee Technology Recent Developments
- Table 130. Beijing LiangDao Automotive Technology Basic Information
- Table 131. Beijing LiangDao Automotive Technology Multi-Beam LiDAR Product Overview
- Table 132. Beijing LiangDao Automotive Technology Multi-Beam LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 133. Beijing LiangDao Automotive Technology Business Overview
- Table 134. Beijing LiangDao Automotive Technology Recent Developments
- Table 135. RichBeam(Beijing)Technology Basic Information
- Table 136. RichBeam(Beijing)Technology Multi-Beam LiDAR Product Overview
- Table 137. RichBeam(Beijing)Technology Multi-Beam LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 138. RichBeam(Beijing)Technology Business Overview
- Table 139. RichBeam(Beijing)Technology Recent Developments
- Table 140. Global Multi-Beam LiDAR Sales Forecast by Region (2026-2035) & (K Units)
- Table 141. Global Multi-Beam LiDAR Market Size Forecast by Region (2026-2035) & (M USD)
- Table 142. North America Multi-Beam LiDAR Sales Forecast by Country (2026-2035) & (K Units)
- Table 143. North America Multi-Beam LiDAR Market Size Forecast by Country (2026-2035) & (M USD)
- Table 144. Europe Multi-Beam LiDAR Sales Forecast by Country (2026-2035) & (K Units)
- Table 145. Europe Multi-Beam LiDAR Market Size Forecast by Country (2026-2035) & (M USD)
- Table 146. Asia Pacific Multi-Beam LiDAR Sales Forecast by Region (2026-2035) & (K Units)
- Table 147. Asia Pacific Multi-Beam LiDAR Market Size Forecast by Region (2026-2035) & (M USD)
- Table 148. South America Multi-Beam LiDAR Sales Forecast by Country (2026-2035) & (K Units)
- Table 149. South America Multi-Beam LiDAR Market Size Forecast by Country (2026-2035) & (M USD)
- Table 150. Middle East and Africa Multi-Beam LiDAR Sales Forecast by Country (2026-2035) & (Units)

Table 151. Middle East and Africa Multi-Beam LiDAR Market Size Forecast by Country (2026-2035) & (M USD)

Table 152. Global Multi-Beam LiDAR Sales Forecast by Type (2026-2035) & (K Units)

Table 153. Global Multi-Beam LiDAR Market Size Forecast by Type (2026-2035) & (M USD)

Table 154. Global Multi-Beam LiDAR Price Forecast by Type (2026-2035) & (USD/Unit)

Table 155. Global Multi-Beam LiDAR Sales (K Units) Forecast by Application (2026-2035)

Table 156. Global Multi-Beam LiDAR Market Size Forecast by Application (2026-2035) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Multi-Beam LiDAR
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Multi-Beam LiDAR Market Size (M USD), 2025-2035
- Figure 5. Global Multi-Beam LiDAR Market Size (M USD) (2020-2035)
- Figure 6. Global Multi-Beam 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. Multi-Beam LiDAR Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Multi-Beam LiDAR Product Life Cycle
- Figure 13. Multi-Beam LiDAR Sales Share by Manufacturers in 2025
- Figure 14. Global Multi-Beam LiDAR Revenue Share by Manufacturers in 2025
- Figure 15. Multi-Beam LiDAR Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Multi-Beam LiDAR Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Multi-Beam LiDAR Revenue in 2025
- Figure 18. Industry Chain Map of Multi-Beam LiDAR
- Figure 19. Global Multi-Beam LiDAR Market PEST Analysis
- Figure 20. Global Multi-Beam 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 Multi-Beam LiDAR Market Share by Type
- Figure 27. Sales Market Share of Multi-Beam LiDAR by Type (2020-2025)
- Figure 28. Sales Market Share of Multi-Beam LiDAR by Type in 2025
- Figure 29. Market Share of Multi-Beam LiDAR by Type (2020-2025)
- Figure 30. Market Share of Multi-Beam LiDAR by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global Multi-Beam LiDAR Market Share by Application

Figure 33. Global Multi-Beam LiDAR Sales Market Share by Application (2020-2025)

Figure 34. Global Multi-Beam LiDAR Sales Market Share by Application in 2025

Figure 35. Global Multi-Beam LiDAR Market Share by Application (2020-2025)

Figure 36. Global Multi-Beam LiDAR Market Share by Application in 2025

Figure 37. Global Multi-Beam LiDAR Sales Growth Rate by Application (2020-2025)

Figure 38. Global Multi-Beam LiDAR Sales Market Share by Region (2020-2025)

Figure 39. Global Multi-Beam LiDAR Market Size by Region (2020-2025)

Figure 40. North America Multi-Beam LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America Multi-Beam LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America Multi-Beam LiDAR Sales Market Share by Country in 2024

Figure 43. North America Multi-Beam LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Multi-Beam LiDAR Market Size by Country in 2024

Figure 45. U.S. Multi-Beam LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. Multi-Beam LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Multi-Beam LiDAR Sales (K Units) and Growth Rate (2020-2025)

Figure 48. Canada Multi-Beam LiDAR Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Multi-Beam LiDAR Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Multi-Beam LiDAR Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Multi-Beam LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe Multi-Beam LiDAR Sales Market Share by Country in 2024

Figure 53. Europe Multi-Beam LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Multi-Beam LiDAR Market Size by Country in 2024

Figure 55. Germany Multi-Beam LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Multi-Beam LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Multi-Beam LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Multi-Beam LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Multi-Beam LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Multi-Beam LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Multi-Beam LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Multi-Beam LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

USD)

Figure 63. Spain Multi-Beam LiDAR Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Multi-Beam LiDAR Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Multi-Beam LiDAR Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Multi-Beam LiDAR Sales Market Share by Region in 2024

Figure 67. Asia Pacific Multi-Beam LiDAR Market Size by Region in 2024

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

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

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

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

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

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

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

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

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

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

Figure 78. South America Multi-Beam LiDAR Sales and Growth Rate (K Units)

Figure 79. South America Multi-Beam LiDAR Sales Market Share by Country in 2024

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

Figure 81. South America Multi-Beam LiDAR Market Size by Country in 2024

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

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

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

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

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

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

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

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

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

Figure 91. Middle East and Africa Multi-Beam LiDAR Market Size by Region in 2024

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

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

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

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

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

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

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

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

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

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

Figure 102. Global Multi-Beam LiDAR Production Market Share by Region (2020-2025)

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

Figure 104. Europe Multi-Beam LiDAR Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Multi-Beam LiDAR Production (K Units) Growth Rate (2020-2025)

Figure 106. China Multi-Beam LiDAR Production (K Units) Growth Rate (2020-2025)

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

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

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

Figure 110. Global Multi-Beam LiDAR Market Share Forecast by Type (2026-2035)

Figure 111. Global Multi-Beam LiDAR Sales Forecast by Application (2026-2035)

Figure 112. Global Multi-Beam LiDAR Market Share Forecast by Application (2026-2035)

## I would like to order

Product name: Global Multi-Beam LiDAR Market Research Report 2026(Status and Outlook)

Product link: <https://marketpublishers.com/r/GBDE210EEE22EN.html>

Price: US\$ 3,200.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GBDE210EEE22EN.html>