

# Global LiDAR Sensors for Self-Driving Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/L7364843F958EN.html>

Date: January 2026

Pages: 135

Price: US\$ 3,480.00 (Single User License)

ID: L7364843F958EN

## Abstracts

According to our (Global Info Research) latest study, the global LiDAR Sensors for Self-Driving market size was valued at US\$ 3368 million in 2025 and is forecast to a readjusted size of US\$ 12694 million by 2032 with a CAGR of 20.8% during review period.

In 2025, the global LiDAR sensors for self-driving market records an annual production volume of approximately 4.25 million units against a global installed production capacity of about 5.70 million units per year, with average unit price USD 770, while leading manufacturers maintain an average gross margin of roughly 48%. LiDAR sensors for self-driving are active optical sensing systems that emit laser pulses and measure their return time to generate high-resolution 3D point-cloud maps of a vehicle's surroundings, enabling precise object detection, distance measurement, and scene understanding under a wide range of lighting conditions. The supply chain begins with core components such as laser sources (905 nm or 1550 nm semiconductor lasers/fiber lasers), photodetectors (APDs or SPADs), optical elements (lenses, prisms, MEMS mirrors or optical phased arrays), and timing/processing ICs (ToF ASICs, SoCs), which are supplied by semiconductor, photonics, and optics manufacturers. These parts are integrated by LiDAR OEMs into mechanical, MEMS-based, or solid-state LiDAR modules, followed by calibration, firmware loading, and environmental testing. Tier-1 automotive suppliers then package LiDAR units into vehicle-grade systems, handling functional safety (ISO 26262), automotive qualification, and system integration with perception software. Finally, automakers and autonomous-driving platform providers deploy LiDAR sensors into ADAS and self-driving stacks, where the data is fused with cameras, radar, and AI processors to support perception, localization, and planning functions.

This report is a detailed and comprehensive analysis for global LiDAR Sensors for Self-Driving market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global LiDAR Sensors for Self-Driving market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global LiDAR Sensors for Self-Driving market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global LiDAR Sensors for Self-Driving market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global LiDAR Sensors for Self-Driving market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

### **The Primary Objectives in This Report Are:**

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for LiDAR Sensors for Self-Driving
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global LiDAR Sensors for Self-Driving market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Hesai Technology, RoboSense, Ouster, Velodyne Lidar, Innoviz Technologies, Cepton Technologies, Luminar Technologies, LeddarTech, Aeva Technologies, Quanergy Systems, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## **Market Segmentation**

LiDAR Sensors for Self-Driving market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### **Market segment by Type**

ToF LiDAR

FMCW LiDAR

### **Market segment by Laser Wavelength**

905 nm LiDAR

1550 nm LiDAR

### **Market segment by Application**

Passenger Cars

Commercial Vehicles

Robotaxis

### **Major players covered**

Hesai Technology

RoboSense

Ouster

Velodyne Lidar

Innoviz Technologies

Cepton Technologies

Luminar Technologies

LeddarTech

Aeva Technologies

Quanergy Systems

Ibeo Automotive Systems

Livox

Blickfeld

Benewake

XenomatiX

MicroVision

Market segment by region, regional analysis covers  
North America (United States, Canada, and Mexico)  
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)  
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)  
South America (Brazil, Argentina, Colombia, and Rest of South America)  
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

*Global LiDAR Sensors for Self-Driving Market 2026 by Manufacturers, Regions, Type and Application, Forecast to...*

Chapter 1, to describe LiDAR Sensors for Self-Driving product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of LiDAR Sensors for Self-Driving, with price, sales quantity, revenue, and global market share of LiDAR Sensors for Self-Driving from 2021 to 2026.

Chapter 3, the LiDAR Sensors for Self-Driving competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the LiDAR Sensors for Self-Driving breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and LiDAR Sensors for Self-Driving market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of LiDAR Sensors for Self-Driving.

Chapter 14 and 15, to describe LiDAR Sensors for Self-Driving sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global LiDAR Sensors for Self-Driving Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 ToF LiDAR

1.3.3 FMCW LiDAR

1.4 Market Analysis by Laser Wavelength

1.4.1 Overview: Global LiDAR Sensors for Self-Driving Consumption Value by Laser Wavelength: 2021 Versus 2025 Versus 2032

1.4.2 905 nm LiDAR

1.4.3 1550 nm LiDAR

1.5 Market Analysis by Application

1.5.1 Overview: Global LiDAR Sensors for Self-Driving Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.5.2 Passenger Cars

1.5.3 Commercial Vehicles

1.5.4 Robotaxis

1.6 Global LiDAR Sensors for Self-Driving Market Size & Forecast

1.6.1 Global LiDAR Sensors for Self-Driving Consumption Value (2021 & 2025 & 2032)

1.6.2 Global LiDAR Sensors for Self-Driving Sales Quantity (2021-2032)

1.6.3 Global LiDAR Sensors for Self-Driving Average Price (2021-2032)

### 2 MANUFACTURERS PROFILES

2.1 Hesai Technology

2.1.1 Hesai Technology Details

2.1.2 Hesai Technology Major Business

2.1.3 Hesai Technology LiDAR Sensors for Self-Driving Product and Services

2.1.4 Hesai Technology LiDAR Sensors for Self-Driving Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Hesai Technology Recent Developments/Updates

2.2 RoboSense

2.2.1 RoboSense Details

- 2.2.2 RoboSense Major Business
- 2.2.3 RoboSense LiDAR Sensors for Self-Driving Product and Services
- 2.2.4 RoboSense LiDAR Sensors for Self-Driving Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.2.5 RoboSense Recent Developments/Updates
- 2.3 Ouster
  - 2.3.1 Ouster Details
  - 2.3.2 Ouster Major Business
  - 2.3.3 Ouster LiDAR Sensors for Self-Driving Product and Services
  - 2.3.4 Ouster LiDAR Sensors for Self-Driving Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.3.5 Ouster Recent Developments/Updates
- 2.4 Velodyne Lidar
  - 2.4.1 Velodyne Lidar Details
  - 2.4.2 Velodyne Lidar Major Business
  - 2.4.3 Velodyne Lidar LiDAR Sensors for Self-Driving Product and Services
  - 2.4.4 Velodyne Lidar LiDAR Sensors for Self-Driving Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.4.5 Velodyne Lidar Recent Developments/Updates
- 2.5 Innoviz Technologies
  - 2.5.1 Innoviz Technologies Details
  - 2.5.2 Innoviz Technologies Major Business
  - 2.5.3 Innoviz Technologies LiDAR Sensors for Self-Driving Product and Services
  - 2.5.4 Innoviz Technologies LiDAR Sensors for Self-Driving Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.5.5 Innoviz Technologies Recent Developments/Updates
- 2.6 Cepton Technologies
  - 2.6.1 Cepton Technologies Details
  - 2.6.2 Cepton Technologies Major Business
  - 2.6.3 Cepton Technologies LiDAR Sensors for Self-Driving Product and Services
  - 2.6.4 Cepton Technologies LiDAR Sensors for Self-Driving Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.6.5 Cepton Technologies Recent Developments/Updates
- 2.7 Luminar Technologies
  - 2.7.1 Luminar Technologies Details
  - 2.7.2 Luminar Technologies Major Business
  - 2.7.3 Luminar Technologies LiDAR Sensors for Self-Driving Product and Services
  - 2.7.4 Luminar Technologies LiDAR Sensors for Self-Driving Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

- 2.7.5 Luminar Technologies Recent Developments/Updates
- 2.8 LeddarTech
  - 2.8.1 LeddarTech Details
  - 2.8.2 LeddarTech Major Business
  - 2.8.3 LeddarTech LiDAR Sensors for Self-Driving Product and Services
  - 2.8.4 LeddarTech LiDAR Sensors for Self-Driving Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.8.5 LeddarTech Recent Developments/Updates
- 2.9 Aeva Technologies
  - 2.9.1 Aeva Technologies Details
  - 2.9.2 Aeva Technologies Major Business
  - 2.9.3 Aeva Technologies LiDAR Sensors for Self-Driving Product and Services
  - 2.9.4 Aeva Technologies LiDAR Sensors for Self-Driving Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.9.5 Aeva Technologies Recent Developments/Updates
- 2.10 Quanergy Systems
  - 2.10.1 Quanergy Systems Details
  - 2.10.2 Quanergy Systems Major Business
  - 2.10.3 Quanergy Systems LiDAR Sensors for Self-Driving Product and Services
  - 2.10.4 Quanergy Systems LiDAR Sensors for Self-Driving Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.10.5 Quanergy Systems Recent Developments/Updates
- 2.11 Ibeo Automotive Systems
  - 2.11.1 Ibeo Automotive Systems Details
  - 2.11.2 Ibeo Automotive Systems Major Business
  - 2.11.3 Ibeo Automotive Systems LiDAR Sensors for Self-Driving Product and Services
  - 2.11.4 Ibeo Automotive Systems LiDAR Sensors for Self-Driving Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.11.5 Ibeo Automotive Systems Recent Developments/Updates
- 2.12 Livox
  - 2.12.1 Livox Details
  - 2.12.2 Livox Major Business
  - 2.12.3 Livox LiDAR Sensors for Self-Driving Product and Services
  - 2.12.4 Livox LiDAR Sensors for Self-Driving Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.12.5 Livox Recent Developments/Updates
- 2.13 Blickfeld
  - 2.13.1 Blickfeld Details
  - 2.13.2 Blickfeld Major Business

- 2.13.3 Blickfeld LiDAR Sensors for Self-Driving Product and Services
- 2.13.4 Blickfeld LiDAR Sensors for Self-Driving Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.13.5 Blickfeld Recent Developments/Updates
- 2.14 Benewake
  - 2.14.1 Benewake Details
  - 2.14.2 Benewake Major Business
  - 2.14.3 Benewake LiDAR Sensors for Self-Driving Product and Services
  - 2.14.4 Benewake LiDAR Sensors for Self-Driving Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.14.5 Benewake Recent Developments/Updates
- 2.15 XenomatiX
  - 2.15.1 XenomatiX Details
  - 2.15.2 XenomatiX Major Business
  - 2.15.3 XenomatiX LiDAR Sensors for Self-Driving Product and Services
  - 2.15.4 XenomatiX LiDAR Sensors for Self-Driving Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.15.5 XenomatiX Recent Developments/Updates
- 2.16 MicroVision
  - 2.16.1 MicroVision Details
  - 2.16.2 MicroVision Major Business
  - 2.16.3 MicroVision LiDAR Sensors for Self-Driving Product and Services
  - 2.16.4 MicroVision LiDAR Sensors for Self-Driving Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.16.5 MicroVision Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: LIDAR SENSORS FOR SELF-DRIVING BY MANUFACTURER**

- 3.1 Global LiDAR Sensors for Self-Driving Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global LiDAR Sensors for Self-Driving Revenue by Manufacturer (2021-2026)
- 3.3 Global LiDAR Sensors for Self-Driving Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
  - 3.4.1 Producer Shipments of LiDAR Sensors for Self-Driving by Manufacturer Revenue (\$MM) and Market Share (%): 2025
  - 3.4.2 Top 3 LiDAR Sensors for Self-Driving Manufacturer Market Share in 2025
  - 3.4.3 Top 6 LiDAR Sensors for Self-Driving Manufacturer Market Share in 2025
- 3.5 LiDAR Sensors for Self-Driving Market: Overall Company Footprint Analysis
  - 3.5.1 LiDAR Sensors for Self-Driving Market: Region Footprint

- 3.5.2 LiDAR Sensors for Self-Driving Market: Company Product Type Footprint
- 3.5.3 LiDAR Sensors for Self-Driving Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global LiDAR Sensors for Self-Driving Market Size by Region
  - 4.1.1 Global LiDAR Sensors for Self-Driving Sales Quantity by Region (2021-2032)
  - 4.1.2 Global LiDAR Sensors for Self-Driving Consumption Value by Region (2021-2032)
  - 4.1.3 Global LiDAR Sensors for Self-Driving Average Price by Region (2021-2032)
- 4.2 North America LiDAR Sensors for Self-Driving Consumption Value (2021-2032)
- 4.3 Europe LiDAR Sensors for Self-Driving Consumption Value (2021-2032)
- 4.4 Asia-Pacific LiDAR Sensors for Self-Driving Consumption Value (2021-2032)
- 4.5 South America LiDAR Sensors for Self-Driving Consumption Value (2021-2032)
- 4.6 Middle East & Africa LiDAR Sensors for Self-Driving Consumption Value (2021-2032)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global LiDAR Sensors for Self-Driving Sales Quantity by Type (2021-2032)
- 5.2 Global LiDAR Sensors for Self-Driving Consumption Value by Type (2021-2032)
- 5.3 Global LiDAR Sensors for Self-Driving Average Price by Type (2021-2032)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global LiDAR Sensors for Self-Driving Sales Quantity by Application (2021-2032)
- 6.2 Global LiDAR Sensors for Self-Driving Consumption Value by Application (2021-2032)
- 6.3 Global LiDAR Sensors for Self-Driving Average Price by Application (2021-2032)

## **7 NORTH AMERICA**

- 7.1 North America LiDAR Sensors for Self-Driving Sales Quantity by Type (2021-2032)
- 7.2 North America LiDAR Sensors for Self-Driving Sales Quantity by Application (2021-2032)
- 7.3 North America LiDAR Sensors for Self-Driving Market Size by Country
  - 7.3.1 North America LiDAR Sensors for Self-Driving Sales Quantity by Country

(2021-2032)

7.3.2 North America LiDAR Sensors for Self-Driving Consumption Value by Country

(2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

## **8 EUROPE**

8.1 Europe LiDAR Sensors for Self-Driving Sales Quantity by Type (2021-2032)

8.2 Europe LiDAR Sensors for Self-Driving Sales Quantity by Application (2021-2032)

8.3 Europe LiDAR Sensors for Self-Driving Market Size by Country

8.3.1 Europe LiDAR Sensors for Self-Driving Sales Quantity by Country (2021-2032)

8.3.2 Europe LiDAR Sensors for Self-Driving Consumption Value by Country  
(2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific LiDAR Sensors for Self-Driving Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific LiDAR Sensors for Self-Driving Sales Quantity by Application  
(2021-2032)

9.3 Asia-Pacific LiDAR Sensors for Self-Driving Market Size by Region

9.3.1 Asia-Pacific LiDAR Sensors for Self-Driving Sales Quantity by Region  
(2021-2032)

9.3.2 Asia-Pacific LiDAR Sensors for Self-Driving Consumption Value by Region  
(2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

## **10 SOUTH AMERICA**

- 10.1 South America LiDAR Sensors for Self-Driving Sales Quantity by Type (2021-2032)
- 10.2 South America LiDAR Sensors for Self-Driving Sales Quantity by Application (2021-2032)
- 10.3 South America LiDAR Sensors for Self-Driving Market Size by Country
  - 10.3.1 South America LiDAR Sensors for Self-Driving Sales Quantity by Country (2021-2032)
  - 10.3.2 South America LiDAR Sensors for Self-Driving Consumption Value by Country (2021-2032)
  - 10.3.3 Brazil Market Size and Forecast (2021-2032)
  - 10.3.4 Argentina Market Size and Forecast (2021-2032)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa LiDAR Sensors for Self-Driving Sales Quantity by Type (2021-2032)
- 11.2 Middle East & Africa LiDAR Sensors for Self-Driving Sales Quantity by Application (2021-2032)
- 11.3 Middle East & Africa LiDAR Sensors for Self-Driving Market Size by Country
  - 11.3.1 Middle East & Africa LiDAR Sensors for Self-Driving Sales Quantity by Country (2021-2032)
  - 11.3.2 Middle East & Africa LiDAR Sensors for Self-Driving Consumption Value by Country (2021-2032)
  - 11.3.3 Turkey Market Size and Forecast (2021-2032)
  - 11.3.4 Egypt Market Size and Forecast (2021-2032)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)
  - 11.3.6 South Africa Market Size and Forecast (2021-2032)

## **12 MARKET DYNAMICS**

- 12.1 LiDAR Sensors for Self-Driving Market Drivers
- 12.2 LiDAR Sensors for Self-Driving Market Restraints
- 12.3 LiDAR Sensors for Self-Driving Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of LiDAR Sensors for Self-Driving and Key Manufacturers

13.2 Manufacturing Costs Percentage of LiDAR Sensors for Self-Driving

13.3 LiDAR Sensors for Self-Driving Production Process

13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 LiDAR Sensors for Self-Driving Typical Distributors

14.3 LiDAR Sensors for Self-Driving Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global LiDAR Sensors for Self-Driving Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global LiDAR Sensors for Self-Driving Consumption Value by Laser Wavelength, (USD Million), 2021 & 2025 & 2032

Table 3. Global LiDAR Sensors for Self-Driving Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 4. Hesai Technology Basic Information, Manufacturing Base and Competitors

Table 5. Hesai Technology Major Business

Table 6. Hesai Technology LiDAR Sensors for Self-Driving Product and Services

Table 7. Hesai Technology LiDAR Sensors for Self-Driving Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 8. Hesai Technology Recent Developments/Updates

Table 9. RoboSense Basic Information, Manufacturing Base and Competitors

Table 10. RoboSense Major Business

Table 11. RoboSense LiDAR Sensors for Self-Driving Product and Services

Table 12. RoboSense LiDAR Sensors for Self-Driving Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 13. RoboSense Recent Developments/Updates

Table 14. Ouster Basic Information, Manufacturing Base and Competitors

Table 15. Ouster Major Business

Table 16. Ouster LiDAR Sensors for Self-Driving Product and Services

Table 17. Ouster LiDAR Sensors for Self-Driving Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 18. Ouster Recent Developments/Updates

Table 19. Velodyne Lidar Basic Information, Manufacturing Base and Competitors

Table 20. Velodyne Lidar Major Business

Table 21. Velodyne Lidar LiDAR Sensors for Self-Driving Product and Services

Table 22. Velodyne Lidar LiDAR Sensors for Self-Driving Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 23. Velodyne Lidar Recent Developments/Updates

Table 24. Innoviz Technologies Basic Information, Manufacturing Base and Competitors

Table 25. Innoviz Technologies Major Business

Table 26. Innoviz Technologies LiDAR Sensors for Self-Driving Product and Services

Table 27. Innoviz Technologies LiDAR Sensors for Self-Driving Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 28. Innoviz Technologies Recent Developments/Updates

Table 29. Cepton Technologies Basic Information, Manufacturing Base and Competitors

Table 30. Cepton Technologies Major Business

Table 31. Cepton Technologies LiDAR Sensors for Self-Driving Product and Services

Table 32. Cepton Technologies LiDAR Sensors for Self-Driving Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 33. Cepton Technologies Recent Developments/Updates

Table 34. Luminar Technologies Basic Information, Manufacturing Base and Competitors

Table 35. Luminar Technologies Major Business

Table 36. Luminar Technologies LiDAR Sensors for Self-Driving Product and Services

Table 37. Luminar Technologies LiDAR Sensors for Self-Driving Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 38. Luminar Technologies Recent Developments/Updates

Table 39. LeddarTech Basic Information, Manufacturing Base and Competitors

Table 40. LeddarTech Major Business

Table 41. LeddarTech LiDAR Sensors for Self-Driving Product and Services

Table 42. LeddarTech LiDAR Sensors for Self-Driving Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 43. LeddarTech Recent Developments/Updates

Table 44. Aeva Technologies Basic Information, Manufacturing Base and Competitors

Table 45. Aeva Technologies Major Business

Table 46. Aeva Technologies LiDAR Sensors for Self-Driving Product and Services

Table 47. Aeva Technologies LiDAR Sensors for Self-Driving Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 48. Aeva Technologies Recent Developments/Updates

Table 49. Quanergy Systems Basic Information, Manufacturing Base and Competitors

Table 50. Quanergy Systems Major Business

Table 51. Quanergy Systems LiDAR Sensors for Self-Driving Product and Services

Table 52. Quanergy Systems LiDAR Sensors for Self-Driving Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 53. Quanergy Systems Recent Developments/Updates

Table 54. Ibeo Automotive Systems Basic Information, Manufacturing Base and Competitors

Table 55. Ibeo Automotive Systems Major Business

Table 56. Ibeo Automotive Systems LiDAR Sensors for Self-Driving Product and Services

Table 57. Ibeo Automotive Systems LiDAR Sensors for Self-Driving Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 58. Ibeo Automotive Systems Recent Developments/Updates

Table 59. Livox Basic Information, Manufacturing Base and Competitors

Table 60. Livox Major Business

Table 61. Livox LiDAR Sensors for Self-Driving Product and Services

Table 62. Livox LiDAR Sensors for Self-Driving Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 63. Livox Recent Developments/Updates

Table 64. Blickfeld Basic Information, Manufacturing Base and Competitors

Table 65. Blickfeld Major Business

Table 66. Blickfeld LiDAR Sensors for Self-Driving Product and Services

Table 67. Blickfeld LiDAR Sensors for Self-Driving Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 68. Blickfeld Recent Developments/Updates

Table 69. Benewake Basic Information, Manufacturing Base and Competitors

Table 70. Benewake Major Business

Table 71. Benewake LiDAR Sensors for Self-Driving Product and Services

Table 72. Benewake LiDAR Sensors for Self-Driving Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 73. Benewake Recent Developments/Updates

Table 74. XenomatiX Basic Information, Manufacturing Base and Competitors

Table 75. XenomatiX Major Business

Table 76. XenomatiX LiDAR Sensors for Self-Driving Product and Services

Table 77. XenomatiX LiDAR Sensors for Self-Driving Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 78. XenomatiX Recent Developments/Updates

Table 79. MicroVision Basic Information, Manufacturing Base and Competitors

Table 80. MicroVision Major Business

Table 81. MicroVision LiDAR Sensors for Self-Driving Product and Services

Table 82. MicroVision LiDAR Sensors for Self-Driving Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

- Table 83. MicroVision Recent Developments/Updates
- Table 84. Global LiDAR Sensors for Self-Driving Sales Quantity by Manufacturer (2021-2026) & (K Units)
- Table 85. Global LiDAR Sensors for Self-Driving Revenue by Manufacturer (2021-2026) & (USD Million)
- Table 86. Global LiDAR Sensors for Self-Driving Average Price by Manufacturer (2021-2026) & (US\$/Unit)
- Table 87. Market Position of Manufacturers in LiDAR Sensors for Self-Driving, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
- Table 88. Head Office and LiDAR Sensors for Self-Driving Production Site of Key Manufacturer
- Table 89. LiDAR Sensors for Self-Driving Market: Company Product Type Footprint
- Table 90. LiDAR Sensors for Self-Driving Market: Company Product Application Footprint
- Table 91. LiDAR Sensors for Self-Driving New Market Entrants and Barriers to Market Entry
- Table 92. LiDAR Sensors for Self-Driving Mergers, Acquisition, Agreements, and Collaborations
- Table 93. Global LiDAR Sensors for Self-Driving Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR
- Table 94. Global LiDAR Sensors for Self-Driving Sales Quantity by Region (2021-2026) & (K Units)
- Table 95. Global LiDAR Sensors for Self-Driving Sales Quantity by Region (2027-2032) & (K Units)
- Table 96. Global LiDAR Sensors for Self-Driving Consumption Value by Region (2021-2026) & (USD Million)
- Table 97. Global LiDAR Sensors for Self-Driving Consumption Value by Region (2027-2032) & (USD Million)
- Table 98. Global LiDAR Sensors for Self-Driving Average Price by Region (2021-2026) & (US\$/Unit)
- Table 99. Global LiDAR Sensors for Self-Driving Average Price by Region (2027-2032) & (US\$/Unit)
- Table 100. Global LiDAR Sensors for Self-Driving Sales Quantity by Type (2021-2026) & (K Units)
- Table 101. Global LiDAR Sensors for Self-Driving Sales Quantity by Type (2027-2032) & (K Units)
- Table 102. Global LiDAR Sensors for Self-Driving Consumption Value by Type (2021-2026) & (USD Million)
- Table 103. Global LiDAR Sensors for Self-Driving Consumption Value by Type

(2027-2032) & (USD Million)

Table 104. Global LiDAR Sensors for Self-Driving Average Price by Type (2021-2026) & (US\$/Unit)

Table 105. Global LiDAR Sensors for Self-Driving Average Price by Type (2027-2032) & (US\$/Unit)

Table 106. Global LiDAR Sensors for Self-Driving Sales Quantity by Application (2021-2026) & (K Units)

Table 107. Global LiDAR Sensors for Self-Driving Sales Quantity by Application (2027-2032) & (K Units)

Table 108. Global LiDAR Sensors for Self-Driving Consumption Value by Application (2021-2026) & (USD Million)

Table 109. Global LiDAR Sensors for Self-Driving Consumption Value by Application (2027-2032) & (USD Million)

Table 110. Global LiDAR Sensors for Self-Driving Average Price by Application (2021-2026) & (US\$/Unit)

Table 111. Global LiDAR Sensors for Self-Driving Average Price by Application (2027-2032) & (US\$/Unit)

Table 112. North America LiDAR Sensors for Self-Driving Sales Quantity by Type (2021-2026) & (K Units)

Table 113. North America LiDAR Sensors for Self-Driving Sales Quantity by Type (2027-2032) & (K Units)

Table 114. North America LiDAR Sensors for Self-Driving Sales Quantity by Application (2021-2026) & (K Units)

Table 115. North America LiDAR Sensors for Self-Driving Sales Quantity by Application (2027-2032) & (K Units)

Table 116. North America LiDAR Sensors for Self-Driving Sales Quantity by Country (2021-2026) & (K Units)

Table 117. North America LiDAR Sensors for Self-Driving Sales Quantity by Country (2027-2032) & (K Units)

Table 118. North America LiDAR Sensors for Self-Driving Consumption Value by Country (2021-2026) & (USD Million)

Table 119. North America LiDAR Sensors for Self-Driving Consumption Value by Country (2027-2032) & (USD Million)

Table 120. Europe LiDAR Sensors for Self-Driving Sales Quantity by Type (2021-2026) & (K Units)

Table 121. Europe LiDAR Sensors for Self-Driving Sales Quantity by Type (2027-2032) & (K Units)

Table 122. Europe LiDAR Sensors for Self-Driving Sales Quantity by Application (2021-2026) & (K Units)

Table 123. Europe LiDAR Sensors for Self-Driving Sales Quantity by Application (2027-2032) & (K Units)

Table 124. Europe LiDAR Sensors for Self-Driving Sales Quantity by Country (2021-2026) & (K Units)

Table 125. Europe LiDAR Sensors for Self-Driving Sales Quantity by Country (2027-2032) & (K Units)

Table 126. Europe LiDAR Sensors for Self-Driving Consumption Value by Country (2021-2026) & (USD Million)

Table 127. Europe LiDAR Sensors for Self-Driving Consumption Value by Country (2027-2032) & (USD Million)

Table 128. Asia-Pacific LiDAR Sensors for Self-Driving Sales Quantity by Type (2021-2026) & (K Units)

Table 129. Asia-Pacific LiDAR Sensors for Self-Driving Sales Quantity by Type (2027-2032) & (K Units)

Table 130. Asia-Pacific LiDAR Sensors for Self-Driving Sales Quantity by Application (2021-2026) & (K Units)

Table 131. Asia-Pacific LiDAR Sensors for Self-Driving Sales Quantity by Application (2027-2032) & (K Units)

Table 132. Asia-Pacific LiDAR Sensors for Self-Driving Sales Quantity by Region (2021-2026) & (K Units)

Table 133. Asia-Pacific LiDAR Sensors for Self-Driving Sales Quantity by Region (2027-2032) & (K Units)

Table 134. Asia-Pacific LiDAR Sensors for Self-Driving Consumption Value by Region (2021-2026) & (USD Million)

Table 135. Asia-Pacific LiDAR Sensors for Self-Driving Consumption Value by Region (2027-2032) & (USD Million)

Table 136. South America LiDAR Sensors for Self-Driving Sales Quantity by Type (2021-2026) & (K Units)

Table 137. South America LiDAR Sensors for Self-Driving Sales Quantity by Type (2027-2032) & (K Units)

Table 138. South America LiDAR Sensors for Self-Driving Sales Quantity by Application (2021-2026) & (K Units)

Table 139. South America LiDAR Sensors for Self-Driving Sales Quantity by Application (2027-2032) & (K Units)

Table 140. South America LiDAR Sensors for Self-Driving Sales Quantity by Country (2021-2026) & (K Units)

Table 141. South America LiDAR Sensors for Self-Driving Sales Quantity by Country (2027-2032) & (K Units)

Table 142. South America LiDAR Sensors for Self-Driving Consumption Value by

Country (2021-2026) & (USD Million)

Table 143. South America LiDAR Sensors for Self-Driving Consumption Value by Country (2027-2032) & (USD Million)

Table 144. Middle East & Africa LiDAR Sensors for Self-Driving Sales Quantity by Type (2021-2026) & (K Units)

Table 145. Middle East & Africa LiDAR Sensors for Self-Driving Sales Quantity by Type (2027-2032) & (K Units)

Table 146. Middle East & Africa LiDAR Sensors for Self-Driving Sales Quantity by Application (2021-2026) & (K Units)

Table 147. Middle East & Africa LiDAR Sensors for Self-Driving Sales Quantity by Application (2027-2032) & (K Units)

Table 148. Middle East & Africa LiDAR Sensors for Self-Driving Sales Quantity by Country (2021-2026) & (K Units)

Table 149. Middle East & Africa LiDAR Sensors for Self-Driving Sales Quantity by Country (2027-2032) & (K Units)

Table 150. Middle East & Africa LiDAR Sensors for Self-Driving Consumption Value by Country (2021-2026) & (USD Million)

Table 151. Middle East & Africa LiDAR Sensors for Self-Driving Consumption Value by Country (2027-2032) & (USD Million)

Table 152. LiDAR Sensors for Self-Driving Raw Material

Table 153. Key Manufacturers of LiDAR Sensors for Self-Driving Raw Materials

Table 154. LiDAR Sensors for Self-Driving Typical Distributors

Table 155. LiDAR Sensors for Self-Driving Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. LiDAR Sensors for Self-Driving Picture

Figure 2. Global LiDAR Sensors for Self-Driving Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global LiDAR Sensors for Self-Driving Revenue Market Share by Type in 2025

Figure 4. ToF LiDAR Examples

Figure 5. FMCW LiDAR Examples

Figure 6. Global LiDAR Sensors for Self-Driving Revenue by Laser Wavelength, (USD Million), 2021 & 2025 & 2032

Figure 7. Global LiDAR Sensors for Self-Driving Revenue Market Share by Laser Wavelength in 2025

Figure 8. 905 nm LiDAR Examples

Figure 9. 1550 nm LiDAR Examples

Figure 10. Global LiDAR Sensors for Self-Driving Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 11. Global LiDAR Sensors for Self-Driving Revenue Market Share by Application in 2025

Figure 12. Passenger Cars Examples

Figure 13. Commercial Vehicles Examples

Figure 14. Robotaxis Examples

Figure 15. Global LiDAR Sensors for Self-Driving Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 16. Global LiDAR Sensors for Self-Driving Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 17. Global LiDAR Sensors for Self-Driving Sales Quantity (2021-2032) & (K Units)

Figure 18. Global LiDAR Sensors for Self-Driving Price (2021-2032) & (US\$/Unit)

Figure 19. Global LiDAR Sensors for Self-Driving Sales Quantity Market Share by Manufacturer in 2025

Figure 20. Global LiDAR Sensors for Self-Driving Revenue Market Share by Manufacturer in 2025

Figure 21. Producer Shipments of LiDAR Sensors for Self-Driving by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 22. Top 3 LiDAR Sensors for Self-Driving Manufacturer (Revenue) Market Share in 2025

Figure 23. Top 6 LiDAR Sensors for Self-Driving Manufacturer (Revenue) Market Share in 2025

Figure 24. Global LiDAR Sensors for Self-Driving Sales Quantity Market Share by Region (2021-2032)

Figure 25. Global LiDAR Sensors for Self-Driving Consumption Value Market Share by Region (2021-2032)

Figure 26. North America LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)

Figure 27. Europe LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)

Figure 28. Asia-Pacific LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)

Figure 29. South America LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)

Figure 30. Middle East & Africa LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)

Figure 31. Global LiDAR Sensors for Self-Driving Sales Quantity Market Share by Type (2021-2032)

Figure 32. Global LiDAR Sensors for Self-Driving Consumption Value Market Share by Type (2021-2032)

Figure 33. Global LiDAR Sensors for Self-Driving Average Price by Type (2021-2032) & (US\$/Unit)

Figure 34. Global LiDAR Sensors for Self-Driving Sales Quantity Market Share by Application (2021-2032)

Figure 35. Global LiDAR Sensors for Self-Driving Revenue Market Share by Application (2021-2032)

Figure 36. Global LiDAR Sensors for Self-Driving Average Price by Application (2021-2032) & (US\$/Unit)

Figure 37. North America LiDAR Sensors for Self-Driving Sales Quantity Market Share by Type (2021-2032)

Figure 38. North America LiDAR Sensors for Self-Driving Sales Quantity Market Share by Application (2021-2032)

Figure 39. North America LiDAR Sensors for Self-Driving Sales Quantity Market Share by Country (2021-2032)

Figure 40. North America LiDAR Sensors for Self-Driving Consumption Value Market Share by Country (2021-2032)

Figure 41. United States LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)

Figure 42. Canada LiDAR Sensors for Self-Driving Consumption Value (2021-2032) &

(USD Million)

Figure 43. Mexico LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)

Figure 44. Europe LiDAR Sensors for Self-Driving Sales Quantity Market Share by Type (2021-2032)

Figure 45. Europe LiDAR Sensors for Self-Driving Sales Quantity Market Share by Application (2021-2032)

Figure 46. Europe LiDAR Sensors for Self-Driving Sales Quantity Market Share by Country (2021-2032)

Figure 47. Europe LiDAR Sensors for Self-Driving Consumption Value Market Share by Country (2021-2032)

Figure 48. Germany LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)

Figure 49. France LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)

Figure 50. United Kingdom LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)

Figure 51. Russia LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)

Figure 52. Italy LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)

Figure 53. Asia-Pacific LiDAR Sensors for Self-Driving Sales Quantity Market Share by Type (2021-2032)

Figure 54. Asia-Pacific LiDAR Sensors for Self-Driving Sales Quantity Market Share by Application (2021-2032)

Figure 55. Asia-Pacific LiDAR Sensors for Self-Driving Sales Quantity Market Share by Region (2021-2032)

Figure 56. Asia-Pacific LiDAR Sensors for Self-Driving Consumption Value Market Share by Region (2021-2032)

Figure 57. China LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)

Figure 58. Japan LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)

Figure 59. South Korea LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)

Figure 60. India LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)

Figure 61. Southeast Asia LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)

- Figure 62. Australia LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)
- Figure 63. South America LiDAR Sensors for Self-Driving Sales Quantity Market Share by Type (2021-2032)
- Figure 64. South America LiDAR Sensors for Self-Driving Sales Quantity Market Share by Application (2021-2032)
- Figure 65. South America LiDAR Sensors for Self-Driving Sales Quantity Market Share by Country (2021-2032)
- Figure 66. South America LiDAR Sensors for Self-Driving Consumption Value Market Share by Country (2021-2032)
- Figure 67. Brazil LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)
- Figure 68. Argentina LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)
- Figure 69. Middle East & Africa LiDAR Sensors for Self-Driving Sales Quantity Market Share by Type (2021-2032)
- Figure 70. Middle East & Africa LiDAR Sensors for Self-Driving Sales Quantity Market Share by Application (2021-2032)
- Figure 71. Middle East & Africa LiDAR Sensors for Self-Driving Sales Quantity Market Share by Country (2021-2032)
- Figure 72. Middle East & Africa LiDAR Sensors for Self-Driving Consumption Value Market Share by Country (2021-2032)
- Figure 73. Turkey LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)
- Figure 74. Egypt LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)
- Figure 75. Saudi Arabia LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)
- Figure 76. South Africa LiDAR Sensors for Self-Driving Consumption Value (2021-2032) & (USD Million)
- Figure 77. LiDAR Sensors for Self-Driving Market Drivers
- Figure 78. LiDAR Sensors for Self-Driving Market Restraints
- Figure 79. LiDAR Sensors for Self-Driving Market Trends
- Figure 80. Porters Five Forces Analysis
- Figure 81. Manufacturing Cost Structure Analysis of LiDAR Sensors for Self-Driving in 2025
- Figure 82. Manufacturing Process Analysis of LiDAR Sensors for Self-Driving
- Figure 83. LiDAR Sensors for Self-Driving Industrial Chain
- Figure 84. Sales Channel: Direct to End-User vs Distributors

- Figure 85. Direct Channel Pros & Cons
- Figure 86. Indirect Channel Pros & Cons
- Figure 87. Methodology
- Figure 88. Research Process and Data Source

## I would like to order

Product name: Global LiDAR Sensors for Self-Driving Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/L7364843F958EN.html>

Price: US\$ 3,480.00 (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/L7364843F958EN.html>