

Global Automotive Lidar Sensor Market Size, Manufacturers, Growth Analysis Industry Forecast to 2030

<https://marketpublishers.com/r/G39E85A7C83BEN.html>

Date: April 2024

Pages: 139

Price: US\$ 4,250.00 (Single User License)

ID: G39E85A7C83BEN

Abstracts

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

According to APO Research, The global Automotive Lidar Sensor market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

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

This report presents an overview of global market for Automotive Lidar Sensor, sales, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Automotive Lidar Sensor, also provides the sales of main regions and countries. Of the upcoming market potential for Automotive Lidar Sensor, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Automotive Lidar Sensor sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Automotive Lidar Sensor market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Automotive Lidar Sensor sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including Velodyne, ibeo, Quanergy Systems, Leddartech, Trilumina, Luminar, Phantom Intelligence, Hesai Tech and Leishen, etc.

Automotive Lidar Sensor segment by Company

Velodyne

ibeo

Quanergy Systems

Leddartech

Trilumina

Luminar

Phantom Intelligence

Hesai Tech

Leishen

Automotive Lidar Sensor segment by Type

Solid State Lidar

Mechanical/Scanning Lidar

Automotive Lidar Sensor segment by Application

OEM

Research

Automotive Lidar Sensor segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Study Objectives

1. To analyze and research the global Automotive Lidar Sensor status and future forecast, involving, sales, revenue, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, sales, revenue, market share, and Recent

Developments.

3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions Automotive Lidar Sensor market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify Automotive Lidar Sensor significant trends, drivers, influence factors in global and regions.
6. To analyze Automotive Lidar Sensor competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

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 Automotive Lidar Sensor 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 Automotive Lidar Sensor 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 sales 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 Automotive Lidar Sensor.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Provides an overview of the Automotive Lidar Sensor market, including product definition, global market growth prospects, sales value, sales volume, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Automotive Lidar Sensor industry.

Chapter 3: Detailed analysis of Automotive Lidar Sensor manufacturers competitive landscape, price, sales and revenue market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: 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 5: 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 6: Sales and value of Automotive Lidar Sensor in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the market development, future development prospects, market space, and market size of each country in the world.

Chapter 7: Sales and value of Automotive Lidar Sensor in country level. It provides sigmate data by type, and by application for each country/region.

Chapter 8: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights.

Chapter 10: Concluding Insights.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global Automotive Lidar Sensor Sales Value (2019-2030)
 - 1.2.2 Global Automotive Lidar Sensor Sales Volume (2019-2030)
 - 1.2.3 Global Automotive Lidar Sensor Sales Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

2 AUTOMOTIVE LIDAR SENSOR MARKET DYNAMICS

- 2.1 Automotive Lidar Sensor Industry Trends
- 2.2 Automotive Lidar Sensor Industry Drivers
- 2.3 Automotive Lidar Sensor Industry Opportunities and Challenges
- 2.4 Automotive Lidar Sensor Industry Restraints

3 AUTOMOTIVE LIDAR SENSOR MARKET BY COMPANY

- 3.1 Global Automotive Lidar Sensor Company Revenue Ranking in 2023
- 3.2 Global Automotive Lidar Sensor Revenue by Company (2019-2024)
- 3.3 Global Automotive Lidar Sensor Sales Volume by Company (2019-2024)
- 3.4 Global Automotive Lidar Sensor Average Price by Company (2019-2024)
- 3.5 Global Automotive Lidar Sensor Company Ranking, 2022 VS 2023 VS 2024
- 3.6 Global Automotive Lidar Sensor Company Manufacturing Base & Headquarters
- 3.7 Global Automotive Lidar Sensor Company, Product Type & Application
- 3.8 Global Automotive Lidar Sensor Company Commercialization Time
- 3.9 Market Competitive Analysis
 - 3.9.1 Global Automotive Lidar Sensor Market CR5 and HHI
 - 3.9.2 Global Top 5 and 10 Company Market Share by Revenue in 2023
 - 3.9.3 2023 Automotive Lidar Sensor Tier 1, Tier 2, and Tier
- 3.10 Mergers & Acquisitions, Expansion

4 AUTOMOTIVE LIDAR SENSOR MARKET BY TYPE

- 4.1 Automotive Lidar Sensor Type Introduction
 - 4.1.1 Solid State Lidar

- 4.1.2 Mechanical/Scanning Lidar
- 4.2 Global Automotive Lidar Sensor Sales Volume by Type
 - 4.2.1 Global Automotive Lidar Sensor Sales Volume by Type (2019 VS 2023 VS 2030)
 - 4.2.2 Global Automotive Lidar Sensor Sales Volume by Type (2019-2030)
 - 4.2.3 Global Automotive Lidar Sensor Sales Volume Share by Type (2019-2030)
- 4.3 Global Automotive Lidar Sensor Sales Value by Type
 - 4.3.1 Global Automotive Lidar Sensor Sales Value by Type (2019 VS 2023 VS 2030)
 - 4.3.2 Global Automotive Lidar Sensor Sales Value by Type (2019-2030)
 - 4.3.3 Global Automotive Lidar Sensor Sales Value Share by Type (2019-2030)

5 AUTOMOTIVE LIDAR SENSOR MARKET BY APPLICATION

- 5.1 Automotive Lidar Sensor Application Introduction
 - 5.1.1 OEM
 - 5.1.2 Research
- 5.2 Global Automotive Lidar Sensor Sales Volume by Application
 - 5.2.1 Global Automotive Lidar Sensor Sales Volume by Application (2019 VS 2023 VS 2030)
 - 5.2.2 Global Automotive Lidar Sensor Sales Volume by Application (2019-2030)
 - 5.2.3 Global Automotive Lidar Sensor Sales Volume Share by Application (2019-2030)
- 5.3 Global Automotive Lidar Sensor Sales Value by Application
 - 5.3.1 Global Automotive Lidar Sensor Sales Value by Application (2019 VS 2023 VS 2030)
 - 5.3.2 Global Automotive Lidar Sensor Sales Value by Application (2019-2030)
 - 5.3.3 Global Automotive Lidar Sensor Sales Value Share by Application (2019-2030)

6 AUTOMOTIVE LIDAR SENSOR MARKET BY REGION

- 6.1 Global Automotive Lidar Sensor Sales by Region: 2019 VS 2023 VS 2030
- 6.2 Global Automotive Lidar Sensor Sales by Region (2019-2030)
 - 6.2.1 Global Automotive Lidar Sensor Sales by Region: 2019-2024
 - 6.2.2 Global Automotive Lidar Sensor Sales by Region (2025-2030)
- 6.3 Global Automotive Lidar Sensor Sales Value by Region: 2019 VS 2023 VS 2030
- 6.4 Global Automotive Lidar Sensor Sales Value by Region (2019-2030)
 - 6.4.1 Global Automotive Lidar Sensor Sales Value by Region: 2019-2024
 - 6.4.2 Global Automotive Lidar Sensor Sales Value by Region (2025-2030)
- 6.5 Global Automotive Lidar Sensor Market Price Analysis by Region (2019-2024)
- 6.6 North America
 - 6.6.1 North America Automotive Lidar Sensor Sales Value (2019-2030)

6.6.2 North America Automotive Lidar Sensor Sales Value Share by Country, 2023 VS 2030

6.7 Europe

6.7.1 Europe Automotive Lidar Sensor Sales Value (2019-2030)

6.7.2 Europe Automotive Lidar Sensor Sales Value Share by Country, 2023 VS 2030

6.8 Asia-Pacific

6.8.1 Asia-Pacific Automotive Lidar Sensor Sales Value (2019-2030)

6.8.2 Asia-Pacific Automotive Lidar Sensor Sales Value Share by Country, 2023 VS 2030

6.9 Latin America

6.9.1 Latin America Automotive Lidar Sensor Sales Value (2019-2030)

6.9.2 Latin America Automotive Lidar Sensor Sales Value Share by Country, 2023 VS 2030

6.10 Middle East & Africa

6.10.1 Middle East & Africa Automotive Lidar Sensor Sales Value (2019-2030)

6.10.2 Middle East & Africa Automotive Lidar Sensor Sales Value Share by Country, 2023 VS 2030

7 AUTOMOTIVE LIDAR SENSOR MARKET BY COUNTRY

7.1 Global Automotive Lidar Sensor Sales by Country: 2019 VS 2023 VS 2030

7.2 Global Automotive Lidar Sensor Sales Value by Country: 2019 VS 2023 VS 2030

7.3 Global Automotive Lidar Sensor Sales by Country (2019-2030)

7.3.1 Global Automotive Lidar Sensor Sales by Country (2019-2024)

7.3.2 Global Automotive Lidar Sensor Sales by Country (2025-2030)

7.4 Global Automotive Lidar Sensor Sales Value by Country (2019-2030)

7.4.1 Global Automotive Lidar Sensor Sales Value by Country (2019-2024)

7.4.2 Global Automotive Lidar Sensor Sales Value by Country (2025-2030)

7.5 USA

7.5.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)

7.5.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030

7.5.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030

7.6 Canada

7.6.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)

7.6.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030

7.6.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030

7.7 Germany

- 7.7.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)
- 7.7.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030
- 7.7.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030
- 7.8 France
 - 7.8.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)
 - 7.8.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030
 - 7.8.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030
- 7.9 U.K.
 - 7.9.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)
 - 7.9.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030
 - 7.9.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030
- 7.10 Italy
 - 7.10.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)
 - 7.10.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030
 - 7.10.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030
- 7.11 Netherlands
 - 7.11.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)
 - 7.11.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030
 - 7.11.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030
- 7.12 Nordic Countries
 - 7.12.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)
 - 7.12.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030
 - 7.12.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030
- 7.13 China
 - 7.13.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)
 - 7.13.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030
 - 7.13.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030
- 7.14 Japan
 - 7.14.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)
 - 7.14.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030
 - 7.14.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030

7.15 South Korea

7.15.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)

7.15.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030

7.15.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030

7.16 Southeast Asia

7.16.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)

7.16.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030

7.16.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030

7.17 India

7.17.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)

7.17.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030

7.17.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030

7.18 Australia

7.18.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)

7.18.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030

7.18.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030

7.19 Mexico

7.19.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)

7.19.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030

7.19.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030

7.20 Brazil

7.20.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)

7.20.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030

7.20.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030

7.21 Turkey

7.21.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)

7.21.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030

7.21.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030

7.22 Saudi Arabia

7.22.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)

7.22.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030

7.22.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030

2030

7.23 UAE

7.23.1 Global Automotive Lidar Sensor Sales Value Growth Rate (2019-2030)

7.23.2 Global Automotive Lidar Sensor Sales Value Share by Type, 2023 VS 2030

7.23.3 Global Automotive Lidar Sensor Sales Value Share by Application, 2023 VS 2030

8 COMPANY PROFILES

8.1 Velodyne

8.1.1 Velodyne Company Information

8.1.2 Velodyne Business Overview

8.1.3 Velodyne Automotive Lidar Sensor Sales, Value and Gross Margin (2019-2024)

8.1.4 Velodyne Automotive Lidar Sensor Product Portfolio

8.1.5 Velodyne Recent Developments

8.2 ibeo

8.2.1 ibeo Company Information

8.2.2 ibeo Business Overview

8.2.3 ibeo Automotive Lidar Sensor Sales, Value and Gross Margin (2019-2024)

8.2.4 ibeo Automotive Lidar Sensor Product Portfolio

8.2.5 ibeo Recent Developments

8.3 Quanergy Systems

8.3.1 Quanergy Systems Company Information

8.3.2 Quanergy Systems Business Overview

8.3.3 Quanergy Systems Automotive Lidar Sensor Sales, Value and Gross Margin (2019-2024)

8.3.4 Quanergy Systems Automotive Lidar Sensor Product Portfolio

8.3.5 Quanergy Systems Recent Developments

8.4 Leddartech

8.4.1 Leddartech Company Information

8.4.2 Leddartech Business Overview

8.4.3 Leddartech Automotive Lidar Sensor Sales, Value and Gross Margin (2019-2024)

8.4.4 Leddartech Automotive Lidar Sensor Product Portfolio

8.4.5 Leddartech Recent Developments

8.5 Trilumina

8.5.1 Trilumina Company Information

8.5.2 Trilumina Business Overview

8.5.3 Trilumina Automotive Lidar Sensor Sales, Value and Gross Margin (2019-2024)

8.5.4 Trilumina Automotive Lidar Sensor Product Portfolio

8.5.5 Trilumina Recent Developments

8.6 Luminar

8.6.1 Luminar Company Information

8.6.2 Luminar Business Overview

8.6.3 Luminar Automotive Lidar Sensor Sales, Value and Gross Margin (2019-2024)

8.6.4 Luminar Automotive Lidar Sensor Product Portfolio

8.6.5 Luminar Recent Developments

8.7 Phantom Intelligence

8.7.1 Phantom Intelligence Company Information

8.7.2 Phantom Intelligence Business Overview

8.7.3 Phantom Intelligence Automotive Lidar Sensor Sales, Value and Gross Margin (2019-2024)

8.7.4 Phantom Intelligence Automotive Lidar Sensor Product Portfolio

8.7.5 Phantom Intelligence Recent Developments

8.8 Hesai Tech

8.8.1 Hesai Tech Company Information

8.8.2 Hesai Tech Business Overview

8.8.3 Hesai Tech Automotive Lidar Sensor Sales, Value and Gross Margin (2019-2024)

8.8.4 Hesai Tech Automotive Lidar Sensor Product Portfolio

8.8.5 Hesai Tech Recent Developments

8.9 Leishen

8.9.1 Leishen Company Information

8.9.2 Leishen Business Overview

8.9.3 Leishen Automotive Lidar Sensor Sales, Value and Gross Margin (2019-2024)

8.9.4 Leishen Automotive Lidar Sensor Product Portfolio

8.9.5 Leishen Recent Developments

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS

9.1 Automotive Lidar Sensor Value Chain Analysis

9.1.1 Automotive Lidar Sensor Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Manufacturing Cost Structure

9.1.4 Automotive Lidar Sensor Sales Mode & Process

9.2 Automotive Lidar Sensor Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Automotive Lidar Sensor Distributors

9.2.3 Automotive Lidar Sensor Customers

10 CONCLUDING INSIGHTS

11 APPENDIX

11.1 Reasons for Doing This Study

11.2 Research Methodology

11.3 Research Process

11.4 Authors List of This Report

11.5 Data Source

11.5.1 Secondary Sources

11.5.2 Primary Sources

11.6 Disclaimer

I would like to order

Product name: Global Automotive Lidar Sensor Market Size, Manufacturers, Growth Analysis Industry Forecast to 2030

Product link: <https://marketpublishers.com/r/G39E85A7C83BEN.html>

Price: US\$ 4,250.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G39E85A7C83BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

