

Global Automotive Lidar Sensor Market Analysis and Forecast 2024-2030

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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%.

In terms of production side, this report researches the Automotive Lidar Sensor production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Automotive Lidar Sensor by region (region level and country level), by Company, by Type and by Application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Automotive Lidar Sensor, capacity, output, 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 consumption 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 status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, 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 market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze 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 volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.

5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of 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: Introduces the report scope of the report, executive summary of different market segments (by type and by application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Automotive Lidar Sensor production/output of global and key producers (regions/countries). It provides a quantitative analysis of the production, and development potential of each producer in the next six years.

Chapter 4: Sales (consumption), revenue of Automotive Lidar Sensor in global, regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space of each country in the world.

Chapter 5: Detailed analysis of Automotive Lidar Sensor manufacturers competitive landscape, price, sales, revenue, market share and industry ranking, latest development plan, merger, and acquisition information, etc.

Chapter 6: Provides the analysis of various market segments by type, covering the sales, revenue, average price, 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 by application, covering

the sales, revenue, average price, and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8: Provides profiles of key manufacturers, introducing the basic situation of the main companies in the market in detail, including product descriptions and specifications, Automotive Lidar Sensor sales, revenue, price, gross margin, and recent development, etc.

Chapter 9: North America (US & Canada) by type, by application and by country, sales, and revenue for each segment.

Chapter 10: Europe by type, by application and by country, sales, and revenue for each segment.

Chapter 11: China by type, by application, sales, and revenue for each segment.

Chapter 12: Asia (Excluding China) by type, by application and by region, sales, and revenue for each segment.

Chapter 13: Middle East, Africa, Latin America by type, by application and by country, sales, and revenue for each segment.

Chapter 14: Analysis of industrial chain, sales channel, key raw materials, distributors and customers.

Chapter 15: The main concluding insights of the report.

Chapter 15: The main concluding insights of the report.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Automotive Lidar Sensor Market by Type
 - 1.2.1 Global Automotive Lidar Sensor Market Size by Type, 2019 VS 2023 VS 2030
 - 1.2.2 Solid State Lidar
 - 1.2.3 Mechanical/Scanning Lidar
- 1.3 Automotive Lidar Sensor Market by Application
 - 1.3.1 Global Automotive Lidar Sensor Market Size by Application, 2019 VS 2023 VS 2030
 - 1.3.2 OEM
 - 1.3.3 Research
- 1.4 Assumptions and Limitations
- 1.5 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 GLOBAL AUTOMOTIVE LIDAR SENSOR PRODUCTION OVERVIEW

- 3.1 Global Automotive Lidar Sensor Production Capacity (2019-2030)
- 3.2 Global Automotive Lidar Sensor Production by Region: 2019 VS 2023 VS 2030
- 3.3 Global Automotive Lidar Sensor Production by Region
 - 3.3.1 Global Automotive Lidar Sensor Production by Region (2019-2024)
 - 3.3.2 Global Automotive Lidar Sensor Production by Region (2025-2030)
 - 3.3.3 Global Automotive Lidar Sensor Production Market Share by Region (2019-2030)
- 3.4 North America
- 3.5 Europe
- 3.6 China
- 3.7 Japan
- 3.8 South Korea
- 3.9 India

4 GLOBAL MARKET GROWTH PROSPECTS

- 4.1 Global Automotive Lidar Sensor Revenue Estimates and Forecasts (2019-2030)
- 4.2 Global Automotive Lidar Sensor Revenue by Region
 - 4.2.1 Global Automotive Lidar Sensor Revenue by Region: 2019 VS 2023 VS 2030
 - 4.2.2 Global Automotive Lidar Sensor Revenue by Region (2019-2024)
 - 4.2.3 Global Automotive Lidar Sensor Revenue by Region (2025-2030)
 - 4.2.4 Global Automotive Lidar Sensor Revenue Market Share by Region (2019-2030)
- 4.3 Global Automotive Lidar Sensor Sales Estimates and Forecasts 2019-2030
- 4.4 Global Automotive Lidar Sensor Sales by Region
 - 4.4.1 Global Automotive Lidar Sensor Sales by Region: 2019 VS 2023 VS 2030
 - 4.4.2 Global Automotive Lidar Sensor Sales by Region (2019-2024)
 - 4.4.3 Global Automotive Lidar Sensor Sales by Region (2025-2030)
 - 4.4.4 Global Automotive Lidar Sensor Sales Market Share by Region (2019-2030)
- 4.5 US & Canada
- 4.6 Europe
- 4.7 China
- 4.8 Asia (Excluding China)
- 4.9 Middle East, Africa and Latin America

5 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 5.1 Global Automotive Lidar Sensor Revenue by Manufacturers
 - 5.1.1 Global Automotive Lidar Sensor Revenue by Manufacturers (2019-2024)
 - 5.1.2 Global Automotive Lidar Sensor Revenue Market Share by Manufacturers (2019-2024)
 - 5.1.3 Global Automotive Lidar Sensor Manufacturers Revenue Share Top 10 and Top 5 in 2023
- 5.2 Global Automotive Lidar Sensor Sales by Manufacturers
 - 5.2.1 Global Automotive Lidar Sensor Sales by Manufacturers (2019-2024)
 - 5.2.2 Global Automotive Lidar Sensor Sales Market Share by Manufacturers (2019-2024)
 - 5.2.3 Global Automotive Lidar Sensor Manufacturers Sales Share Top 10 and Top 5 in 2023
- 5.3 Global Automotive Lidar Sensor Sales Price by Manufacturers (2019-2024)
- 5.4 Global Automotive Lidar Sensor Key Manufacturers Ranking, 2022 VS 2023 VS 2024
- 5.5 Global Automotive Lidar Sensor Key Manufacturers Manufacturing Sites &

Headquarters

5.6 Global Automotive Lidar Sensor Manufacturers, Product Type & Application

5.7 Global Automotive Lidar Sensor Manufacturers Commercialization Time

5.8 Market Competitive Analysis

5.8.1 Global Automotive Lidar Sensor Market CR5 and HHI

5.8.2 2023 Automotive Lidar Sensor Tier 1, Tier 2, and Tier

6 AUTOMOTIVE LIDAR SENSOR MARKET BY TYPE

6.1 Global Automotive Lidar Sensor Revenue by Type

6.1.1 Global Automotive Lidar Sensor Revenue by Type (2019 VS 2023 VS 2030)

6.1.2 Global Automotive Lidar Sensor Revenue by Type (2019-2030) & (US\$ Million)

6.1.3 Global Automotive Lidar Sensor Revenue Market Share by Type (2019-2030)

6.2 Global Automotive Lidar Sensor Sales by Type

6.2.1 Global Automotive Lidar Sensor Sales by Type (2019 VS 2023 VS 2030)

6.2.2 Global Automotive Lidar Sensor Sales by Type (2019-2030) & (Units)

6.2.3 Global Automotive Lidar Sensor Sales Market Share by Type (2019-2030)

6.3 Global Automotive Lidar Sensor Price by Type

7 AUTOMOTIVE LIDAR SENSOR MARKET BY APPLICATION

7.1 Global Automotive Lidar Sensor Revenue by Application

7.1.1 Global Automotive Lidar Sensor Revenue by Application (2019 VS 2023 VS 2030)

7.1.2 Global Automotive Lidar Sensor Revenue by Application (2019-2030) & (US\$ Million)

7.1.3 Global Automotive Lidar Sensor Revenue Market Share by Application (2019-2030)

7.2 Global Automotive Lidar Sensor Sales by Application

7.2.1 Global Automotive Lidar Sensor Sales by Application (2019 VS 2023 VS 2030)

7.2.2 Global Automotive Lidar Sensor Sales by Application (2019-2030) & (Units)

7.2.3 Global Automotive Lidar Sensor Sales Market Share by Application (2019-2030)

7.3 Global Automotive Lidar Sensor Price by Application

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, Revenue, Price 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, Revenue, Price 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, Revenue, Price 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, Revenue, Price 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, Revenue, Price 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, Revenue, Price 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, Revenue, Price 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, Revenue, Price 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, Revenue, Price and Gross Margin (2019-2024)

8.9.4 Leishen Automotive Lidar Sensor Product Portfolio

8.9.5 Leishen Recent Developments

9 NORTH AMERICA

9.1 North America Automotive Lidar Sensor Market Size by Type

9.1.1 North America Automotive Lidar Sensor Revenue by Type (2019-2030)

9.1.2 North America Automotive Lidar Sensor Sales by Type (2019-2030)

9.1.3 North America Automotive Lidar Sensor Price by Type (2019-2030)

9.2 North America Automotive Lidar Sensor Market Size by Application

9.2.1 North America Automotive Lidar Sensor Revenue by Application (2019-2030)

9.2.2 North America Automotive Lidar Sensor Sales by Application (2019-2030)

9.2.3 North America Automotive Lidar Sensor Price by Application (2019-2030)

9.3 North America Automotive Lidar Sensor Market Size by Country

9.3.1 North America Automotive Lidar Sensor Revenue Growth Rate by Country (2019 VS 2023 VS 2030)

9.3.2 North America Automotive Lidar Sensor Sales by Country (2019 VS 2023 VS 2030)

9.3.3 North America Automotive Lidar Sensor Price by Country (2019-2030)

9.3.4 U.S.

9.3.5 Canada

10 EUROPE

10.1 Europe Automotive Lidar Sensor Market Size by Type

10.1.1 Europe Automotive Lidar Sensor Revenue by Type (2019-2030)

10.1.2 Europe Automotive Lidar Sensor Sales by Type (2019-2030)

10.1.3 Europe Automotive Lidar Sensor Price by Type (2019-2030)

10.2 Europe Automotive Lidar Sensor Market Size by Application

10.2.1 Europe Automotive Lidar Sensor Revenue by Application (2019-2030)

10.2.2 Europe Automotive Lidar Sensor Sales by Application (2019-2030)

10.2.3 Europe Automotive Lidar Sensor Price by Application (2019-2030)

10.3 Europe Automotive Lidar Sensor Market Size by Country

10.3.1 Europe Automotive Lidar Sensor Revenue Grow Rate by Country (2019 VS 2023 VS 2030)

10.3.2 Europe Automotive Lidar Sensor Sales by Country (2019 VS 2023 VS 2030)

10.3.3 Europe Automotive Lidar Sensor Price by Country (2019-2030)

10.3.4 Germany

10.3.5 France

10.3.6 U.K.

10.3.7 Italy

10.3.8 Russia

11 CHINA

11.1 China Automotive Lidar Sensor Market Size by Type

11.1.1 China Automotive Lidar Sensor Revenue by Type (2019-2030)

11.1.2 China Automotive Lidar Sensor Sales by Type (2019-2030)

11.1.3 China Automotive Lidar Sensor Price by Type (2019-2030)

11.2 China Automotive Lidar Sensor Market Size by Application

11.2.1 China Automotive Lidar Sensor Revenue by Application (2019-2030)

11.2.2 China Automotive Lidar Sensor Sales by Application (2019-2030)

11.2.3 China Automotive Lidar Sensor Price by Application (2019-2030)

12 ASIA (EXCLUDING CHINA)

12.1 Asia Automotive Lidar Sensor Market Size by Type

12.1.1 Asia Automotive Lidar Sensor Revenue by Type (2019-2030)

12.1.2 Asia Automotive Lidar Sensor Sales by Type (2019-2030)

- 12.1.3 Asia Automotive Lidar Sensor Price by Type (2019-2030)
- 12.2 Asia Automotive Lidar Sensor Market Size by Application
 - 12.2.1 Asia Automotive Lidar Sensor Revenue by Application (2019-2030)
 - 12.2.2 Asia Automotive Lidar Sensor Sales by Application (2019-2030)
 - 12.2.3 Asia Automotive Lidar Sensor Price by Application (2019-2030)
- 12.3 Asia Automotive Lidar Sensor Market Size by Country
 - 12.3.1 Asia Automotive Lidar Sensor Revenue Grow Rate by Country (2019 VS 2023 VS 2030)
 - 12.3.2 Asia Automotive Lidar Sensor Sales by Country (2019 VS 2023 VS 2030)
 - 12.3.3 Asia Automotive Lidar Sensor Price by Country (2019-2030)
 - 12.3.4 Japan
 - 12.3.5 South Korea
 - 12.3.6 India
 - 12.3.7 Australia
 - 12.3.8 China Taiwan
 - 12.3.9 Southeast Asia

13 MIDDLE EAST, AFRICA AND LATIN AMERICA

- 13.1 Middle East, Africa and Latin America Automotive Lidar Sensor Market Size by Type
 - 13.1.1 Middle East, Africa and Latin America Automotive Lidar Sensor Revenue by Type (2019-2030)
 - 13.1.2 Middle East, Africa and Latin America Automotive Lidar Sensor Sales by Type (2019-2030)
 - 13.1.3 Middle East, Africa and Latin America Automotive Lidar Sensor Price by Type (2019-2030)
- 13.2 Middle East, Africa and Latin America Automotive Lidar Sensor Market Size by Application
 - 13.2.1 Middle East, Africa and Latin America Automotive Lidar Sensor Revenue by Application (2019-2030)
 - 13.2.2 Middle East, Africa and Latin America Automotive Lidar Sensor Sales by Application (2019-2030)
 - 13.2.3 Middle East, Africa and Latin America Automotive Lidar Sensor Price by Application (2019-2030)
- 13.3 Middle East, Africa and Latin America Automotive Lidar Sensor Market Size by Country
 - 13.3.1 Middle East, Africa and Latin America Automotive Lidar Sensor Revenue Grow Rate by Country (2019 VS 2023 VS 2030)

13.3.2 Middle East, Africa and Latin America Automotive Lidar Sensor Sales by Country (2019 VS 2023 VS 2030)

13.3.3 Middle East, Africa and Latin America Automotive Lidar Sensor Price by Country (2019-2030)

13.3.4 Mexico

13.3.5 Brazil

13.3.6 Israel

13.3.7 Argentina

13.3.8 Colombia

13.3.9 Turkey

13.3.10 Saudi Arabia

13.3.11 UAE

14 VALUE CHAIN AND SALES CHANNELS ANALYSIS

14.1 Automotive Lidar Sensor Value Chain Analysis

14.1.1 Automotive Lidar Sensor Key Raw Materials

14.1.2 Raw Materials Key Suppliers

14.1.3 Manufacturing Cost Structure

14.1.4 Automotive Lidar Sensor Production Mode & Process

14.2 Automotive Lidar Sensor Sales Channels Analysis

14.2.1 Direct Comparison with Distribution Share

14.2.2 Automotive Lidar Sensor Distributors

14.2.3 Automotive Lidar Sensor Customers

15 CONCLUDING INSIGHTS

16 APPENDIX

16.1 Reasons for Doing This Study

16.2 Research Methodology

16.3 Research Process

16.4 Authors List of This Report

16.5 Data Source

16.5.1 Secondary Sources

16.5.2 Primary Sources

16.6 Disclaimer

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