

Global Solid-State LiDAR Market Research Report 2024(Status and Outlook)

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Abstracts

Report Overview:

Solid state LiDAR is gaining traction as a promising technology that is cheaper, faster, and provides higher resolution than traditional LiDAR, with predictions that its price range could eventually hundreds of dollars per unit.

The Global Solid-State LiDAR Market Size was estimated at USD 1294.25 million in 2023 and is projected to reach USD 5826.91 million by 2029, exhibiting a CAGR of 28.50% during the forecast period.

This report provides a deep insight into the global Solid-State LiDAR market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Solid-State LiDAR Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers,

consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Solid-State LiDAR market in any manner.

Global Solid-State LiDAR Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Velodyne

Quanergy

LeddarTech

ABAX Sensing

Ibeo

Trilumina

Innoviz

Strobe

Aeye

Luminar

Continental AG

Xenomatrix

Imec

Robosense

Genius Pro

Benewake

Hesai

Market Segmentation (by Type)

MEMS Based Scanning

Phase Array

Non-Scanning Flash

Market Segmentation (by Application)

Automotive

Industrial

Security

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 Solid-State LiDAR Market
- Overview of the regional outlook of the Solid-State LiDAR Market:

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 (USD Billion) 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.

Note: this report may need to undergo a final check or review and this could take about 48 hours.

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 Solid-State 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 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 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Solid-State LiDAR
- 1.2 Key Market Segments
 - 1.2.1 Solid-State LiDAR Segment by Type
 - 1.2.2 Solid-State 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 SOLID-STATE LIDAR MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Solid-State LiDAR Market Size (M USD) Estimates and Forecasts (2019-2030)
 - 2.1.2 Global Solid-State LiDAR Sales Estimates and Forecasts (2019-2030)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 SOLID-STATE LIDAR MARKET COMPETITIVE LANDSCAPE

- 3.1 Global Solid-State LiDAR Sales by Manufacturers (2019-2024)
- 3.2 Global Solid-State LiDAR Revenue Market Share by Manufacturers (2019-2024)
- 3.3 Solid-State LiDAR Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global Solid-State LiDAR Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers Solid-State LiDAR Sales Sites, Area Served, Product Type
- 3.6 Solid-State LiDAR Market Competitive Situation and Trends
 - 3.6.1 Solid-State LiDAR Market Concentration Rate
 - 3.6.2 Global 5 and 10 Largest Solid-State LiDAR Players Market Share by Revenue
 - 3.6.3 Mergers & Acquisitions, Expansion

4 SOLID-STATE LIDAR INDUSTRY CHAIN ANALYSIS

- 4.1 Solid-State 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 SOLID-STATE LIDAR MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

6 SOLID-STATE LIDAR MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Solid-State LiDAR Sales Market Share by Type (2019-2024)

6.3 Global Solid-State LiDAR Market Size Market Share by Type (2019-2024)

6.4 Global Solid-State LiDAR Price by Type (2019-2024)

7 SOLID-STATE LIDAR MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Solid-State LiDAR Market Sales by Application (2019-2024)

7.3 Global Solid-State LiDAR Market Size (M USD) by Application (2019-2024)

7.4 Global Solid-State LiDAR Sales Growth Rate by Application (2019-2024)

8 SOLID-STATE LIDAR MARKET SEGMENTATION BY REGION

8.1 Global Solid-State LiDAR Sales by Region

8.1.1 Global Solid-State LiDAR Sales by Region

8.1.2 Global Solid-State LiDAR Sales Market Share by Region

8.2 North America

8.2.1 North America Solid-State LiDAR Sales by Country

8.2.2 U.S.

- 8.2.3 Canada
- 8.2.4 Mexico
- 8.3 Europe
 - 8.3.1 Europe Solid-State LiDAR Sales by Country
 - 8.3.2 Germany
 - 8.3.3 France
 - 8.3.4 U.K.
 - 8.3.5 Italy
 - 8.3.6 Russia
- 8.4 Asia Pacific
 - 8.4.1 Asia Pacific Solid-State LiDAR Sales by Region
 - 8.4.2 China
 - 8.4.3 Japan
 - 8.4.4 South Korea
 - 8.4.5 India
 - 8.4.6 Southeast Asia
- 8.5 South America
 - 8.5.1 South America Solid-State LiDAR Sales by Country
 - 8.5.2 Brazil
 - 8.5.3 Argentina
 - 8.5.4 Columbia
- 8.6 Middle East and Africa
 - 8.6.1 Middle East and Africa Solid-State LiDAR Sales by Region
 - 8.6.2 Saudi Arabia
 - 8.6.3 UAE
 - 8.6.4 Egypt
 - 8.6.5 Nigeria
 - 8.6.6 South Africa

9 KEY COMPANIES PROFILE

- 9.1 Velodyne
 - 9.1.1 Velodyne Solid-State LiDAR Basic Information
 - 9.1.2 Velodyne Solid-State LiDAR Product Overview
 - 9.1.3 Velodyne Solid-State LiDAR Product Market Performance
 - 9.1.4 Velodyne Business Overview
 - 9.1.5 Velodyne Solid-State LiDAR SWOT Analysis
 - 9.1.6 Velodyne Recent Developments
- 9.2 Quanergy

- 9.2.1 Quanergy Solid-State LiDAR Basic Information
- 9.2.2 Quanergy Solid-State LiDAR Product Overview
- 9.2.3 Quanergy Solid-State LiDAR Product Market Performance
- 9.2.4 Quanergy Business Overview
- 9.2.5 Quanergy Solid-State LiDAR SWOT Analysis
- 9.2.6 Quanergy Recent Developments
- 9.3 LeddarTech
 - 9.3.1 LeddarTech Solid-State LiDAR Basic Information
 - 9.3.2 LeddarTech Solid-State LiDAR Product Overview
 - 9.3.3 LeddarTech Solid-State LiDAR Product Market Performance
 - 9.3.4 LeddarTech Solid-State LiDAR SWOT Analysis
 - 9.3.5 LeddarTech Business Overview
 - 9.3.6 LeddarTech Recent Developments
- 9.4 ABAX Sensing
 - 9.4.1 ABAX Sensing Solid-State LiDAR Basic Information
 - 9.4.2 ABAX Sensing Solid-State LiDAR Product Overview
 - 9.4.3 ABAX Sensing Solid-State LiDAR Product Market Performance
 - 9.4.4 ABAX Sensing Business Overview
 - 9.4.5 ABAX Sensing Recent Developments
- 9.5 Ibeo
 - 9.5.1 Ibeo Solid-State LiDAR Basic Information
 - 9.5.2 Ibeo Solid-State LiDAR Product Overview
 - 9.5.3 Ibeo Solid-State LiDAR Product Market Performance
 - 9.5.4 Ibeo Business Overview
 - 9.5.5 Ibeo Recent Developments
- 9.6 Trilumina
 - 9.6.1 Trilumina Solid-State LiDAR Basic Information
 - 9.6.2 Trilumina Solid-State LiDAR Product Overview
 - 9.6.3 Trilumina Solid-State LiDAR Product Market Performance
 - 9.6.4 Trilumina Business Overview
 - 9.6.5 Trilumina Recent Developments
- 9.7 Innoviz
 - 9.7.1 Innoviz Solid-State LiDAR Basic Information
 - 9.7.2 Innoviz Solid-State LiDAR Product Overview
 - 9.7.3 Innoviz Solid-State LiDAR Product Market Performance
 - 9.7.4 Innoviz Business Overview
 - 9.7.5 Innoviz Recent Developments
- 9.8 Strobe
 - 9.8.1 Strobe Solid-State LiDAR Basic Information

- 9.8.2 Strobe Solid-State LiDAR Product Overview
- 9.8.3 Strobe Solid-State LiDAR Product Market Performance
- 9.8.4 Strobe Business Overview
- 9.8.5 Strobe Recent Developments
- 9.9 Aeye
 - 9.9.1 Aeye Solid-State LiDAR Basic Information
 - 9.9.2 Aeye Solid-State LiDAR Product Overview
 - 9.9.3 Aeye Solid-State LiDAR Product Market Performance
 - 9.9.4 Aeye Business Overview
 - 9.9.5 Aeye Recent Developments
- 9.10 Luminar
 - 9.10.1 Luminar Solid-State LiDAR Basic Information
 - 9.10.2 Luminar Solid-State LiDAR Product Overview
 - 9.10.3 Luminar Solid-State LiDAR Product Market Performance
 - 9.10.4 Luminar Business Overview
 - 9.10.5 Luminar Recent Developments
- 9.11 Continental AG
 - 9.11.1 Continental AG Solid-State LiDAR Basic Information
 - 9.11.2 Continental AG Solid-State LiDAR Product Overview
 - 9.11.3 Continental AG Solid-State LiDAR Product Market Performance
 - 9.11.4 Continental AG Business Overview
 - 9.11.5 Continental AG Recent Developments
- 9.12 Xenomatix
 - 9.12.1 Xenomatix Solid-State LiDAR Basic Information
 - 9.12.2 Xenomatix Solid-State LiDAR Product Overview
 - 9.12.3 Xenomatix Solid-State LiDAR Product Market Performance
 - 9.12.4 Xenomatix Business Overview
 - 9.12.5 Xenomatix Recent Developments
- 9.13 Imec
 - 9.13.1 Imec Solid-State LiDAR Basic Information
 - 9.13.2 Imec Solid-State LiDAR Product Overview
 - 9.13.3 Imec Solid-State LiDAR Product Market Performance
 - 9.13.4 Imec Business Overview
 - 9.13.5 Imec Recent Developments
- 9.14 Robosense
 - 9.14.1 Robosense Solid-State LiDAR Basic Information
 - 9.14.2 Robosense Solid-State LiDAR Product Overview
 - 9.14.3 Robosense Solid-State LiDAR Product Market Performance
 - 9.14.4 Robosense Business Overview

9.14.5 Robosense Recent Developments

9.15 Genius Pro

9.15.1 Genius Pro Solid-State LiDAR Basic Information

9.15.2 Genius Pro Solid-State LiDAR Product Overview

9.15.3 Genius Pro Solid-State LiDAR Product Market Performance

9.15.4 Genius Pro Business Overview

9.15.5 Genius Pro Recent Developments

9.16 Benewake

9.16.1 Benewake Solid-State LiDAR Basic Information

9.16.2 Benewake Solid-State LiDAR Product Overview

9.16.3 Benewake Solid-State LiDAR Product Market Performance

9.16.4 Benewake Business Overview

9.16.5 Benewake Recent Developments

9.17 Hesai

9.17.1 Hesai Solid-State LiDAR Basic Information

9.17.2 Hesai Solid-State LiDAR Product Overview

9.17.3 Hesai Solid-State LiDAR Product Market Performance

9.17.4 Hesai Business Overview

9.17.5 Hesai Recent Developments

10 SOLID-STATE LIDAR MARKET FORECAST BY REGION

10.1 Global Solid-State LiDAR Market Size Forecast

10.2 Global Solid-State LiDAR Market Forecast by Region

10.2.1 North America Market Size Forecast by Country

10.2.2 Europe Solid-State LiDAR Market Size Forecast by Country

10.2.3 Asia Pacific Solid-State LiDAR Market Size Forecast by Region

10.2.4 South America Solid-State LiDAR Market Size Forecast by Country

10.2.5 Middle East and Africa Forecasted Consumption of Solid-State LiDAR by Country

11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)

11.1 Global Solid-State LiDAR Market Forecast by Type (2025-2030)

11.1.1 Global Forecasted Sales of Solid-State LiDAR by Type (2025-2030)

11.1.2 Global Solid-State LiDAR Market Size Forecast by Type (2025-2030)

11.1.3 Global Forecasted Price of Solid-State LiDAR by Type (2025-2030)

11.2 Global Solid-State LiDAR Market Forecast by Application (2025-2030)

11.2.1 Global Solid-State LiDAR Sales (K Units) Forecast by Application

11.2.2 Global Solid-State LiDAR Market Size (M USD) Forecast by Application (2025-2030)

12 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Market Size (M USD) Segment Executive Summary
- Table 4. Solid-State LiDAR Market Size Comparison by Region (M USD)
- Table 5. Global Solid-State LiDAR Sales (K Units) by Manufacturers (2019-2024)
- Table 6. Global Solid-State LiDAR Sales Market Share by Manufacturers (2019-2024)
- Table 7. Global Solid-State LiDAR Revenue (M USD) by Manufacturers (2019-2024)
- Table 8. Global Solid-State LiDAR Revenue Share by Manufacturers (2019-2024)
- Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Solid-State LiDAR as of 2022)
- Table 10. Global Market Solid-State LiDAR Average Price (USD/Unit) of Key Manufacturers (2019-2024)
- Table 11. Manufacturers Solid-State LiDAR Sales Sites and Area Served
- Table 12. Manufacturers Solid-State LiDAR Product Type
- Table 13. Global Solid-State LiDAR Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 14. Mergers & Acquisitions, Expansion Plans
- Table 15. Industry Chain Map of Solid-State LiDAR
- 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. Solid-State LiDAR Market Challenges
- Table 22. Global Solid-State LiDAR Sales by Type (K Units)
- Table 23. Global Solid-State LiDAR Market Size by Type (M USD)
- Table 24. Global Solid-State LiDAR Sales (K Units) by Type (2019-2024)
- Table 25. Global Solid-State LiDAR Sales Market Share by Type (2019-2024)
- Table 26. Global Solid-State LiDAR Market Size (M USD) by Type (2019-2024)
- Table 27. Global Solid-State LiDAR Market Size Share by Type (2019-2024)
- Table 28. Global Solid-State LiDAR Price (USD/Unit) by Type (2019-2024)
- Table 29. Global Solid-State LiDAR Sales (K Units) by Application
- Table 30. Global Solid-State LiDAR Market Size by Application
- Table 31. Global Solid-State LiDAR Sales by Application (2019-2024) & (K Units)
- Table 32. Global Solid-State LiDAR Sales Market Share by Application (2019-2024)

- Table 33. Global Solid-State LiDAR Sales by Application (2019-2024) & (M USD)
- Table 34. Global Solid-State LiDAR Market Share by Application (2019-2024)
- Table 35. Global Solid-State LiDAR Sales Growth Rate by Application (2019-2024)
- Table 36. Global Solid-State LiDAR Sales by Region (2019-2024) & (K Units)
- Table 37. Global Solid-State LiDAR Sales Market Share by Region (2019-2024)
- Table 38. North America Solid-State LiDAR Sales by Country (2019-2024) & (K Units)
- Table 39. Europe Solid-State LiDAR Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific Solid-State LiDAR Sales by Region (2019-2024) & (K Units)
- Table 41. South America Solid-State LiDAR Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa Solid-State LiDAR Sales by Region (2019-2024) & (K Units)
- Table 43. Velodyne Solid-State LiDAR Basic Information
- Table 44. Velodyne Solid-State LiDAR Product Overview
- Table 45. Velodyne Solid-State LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 46. Velodyne Business Overview
- Table 47. Velodyne Solid-State LiDAR SWOT Analysis
- Table 48. Velodyne Recent Developments
- Table 49. Quanergy Solid-State LiDAR Basic Information
- Table 50. Quanergy Solid-State LiDAR Product Overview
- Table 51. Quanergy Solid-State LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 52. Quanergy Business Overview
- Table 53. Quanergy Solid-State LiDAR SWOT Analysis
- Table 54. Quanergy Recent Developments
- Table 55. LeddarTech Solid-State LiDAR Basic Information
- Table 56. LeddarTech Solid-State LiDAR Product Overview
- Table 57. LeddarTech Solid-State LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 58. LeddarTech Solid-State LiDAR SWOT Analysis
- Table 59. LeddarTech Business Overview
- Table 60. LeddarTech Recent Developments
- Table 61. ABAX Sensing Solid-State LiDAR Basic Information
- Table 62. ABAX Sensing Solid-State LiDAR Product Overview
- Table 63. ABAX Sensing Solid-State LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 64. ABAX Sensing Business Overview
- Table 65. ABAX Sensing Recent Developments
- Table 66. Ibeo Solid-State LiDAR Basic Information

Table 67. Ibeo Solid-State LiDAR Product Overview

Table 68. Ibeo Solid-State LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 69. Ibeo Business Overview

Table 70. Ibeo Recent Developments

Table 71. Trilumina Solid-State LiDAR Basic Information

Table 72. Trilumina Solid-State LiDAR Product Overview

Table 73. Trilumina Solid-State LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 74. Trilumina Business Overview

Table 75. Trilumina Recent Developments

Table 76. Innoviz Solid-State LiDAR Basic Information

Table 77. Innoviz Solid-State LiDAR Product Overview

Table 78. Innoviz Solid-State LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 79. Innoviz Business Overview

Table 80. Innoviz Recent Developments

Table 81. Strobe Solid-State LiDAR Basic Information

Table 82. Strobe Solid-State LiDAR Product Overview

Table 83. Strobe Solid-State LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 84. Strobe Business Overview

Table 85. Strobe Recent Developments

Table 86. Aeye Solid-State LiDAR Basic Information

Table 87. Aeye Solid-State LiDAR Product Overview

Table 88. Aeye Solid-State LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 89. Aeye Business Overview

Table 90. Aeye Recent Developments

Table 91. Luminar Solid-State LiDAR Basic Information

Table 92. Luminar Solid-State LiDAR Product Overview

Table 93. Luminar Solid-State LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 94. Luminar Business Overview

Table 95. Luminar Recent Developments

Table 96. Continental AG Solid-State LiDAR Basic Information

Table 97. Continental AG Solid-State LiDAR Product Overview

Table 98. Continental AG Solid-State LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

- Table 99. Continental AG Business Overview
- Table 100. Continental AG Recent Developments
- Table 101. Xenomatix Solid-State LiDAR Basic Information
- Table 102. Xenomatix Solid-State LiDAR Product Overview
- Table 103. Xenomatix Solid-State LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 104. Xenomatix Business Overview
- Table 105. Xenomatix Recent Developments
- Table 106. Imec Solid-State LiDAR Basic Information
- Table 107. Imec Solid-State LiDAR Product Overview
- Table 108. Imec Solid-State LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 109. Imec Business Overview
- Table 110. Imec Recent Developments
- Table 111. Robosense Solid-State LiDAR Basic Information
- Table 112. Robosense Solid-State LiDAR Product Overview
- Table 113. Robosense Solid-State LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 114. Robosense Business Overview
- Table 115. Robosense Recent Developments
- Table 116. Genius Pro Solid-State LiDAR Basic Information
- Table 117. Genius Pro Solid-State LiDAR Product Overview
- Table 118. Genius Pro Solid-State LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 119. Genius Pro Business Overview
- Table 120. Genius Pro Recent Developments
- Table 121. Benewake Solid-State LiDAR Basic Information
- Table 122. Benewake Solid-State LiDAR Product Overview
- Table 123. Benewake Solid-State LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 124. Benewake Business Overview
- Table 125. Benewake Recent Developments
- Table 126. Hesai Solid-State LiDAR Basic Information
- Table 127. Hesai Solid-State LiDAR Product Overview
- Table 128. Hesai Solid-State LiDAR Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 129. Hesai Business Overview
- Table 130. Hesai Recent Developments
- Table 131. Global Solid-State LiDAR Sales Forecast by Region (2025-2030) & (K Units)

Table 132. Global Solid-State LiDAR Market Size Forecast by Region (2025-2030) & (M USD)

Table 133. North America Solid-State LiDAR Sales Forecast by Country (2025-2030) & (K Units)

Table 134. North America Solid-State LiDAR Market Size Forecast by Country (2025-2030) & (M USD)

Table 135. Europe Solid-State LiDAR Sales Forecast by Country (2025-2030) & (K Units)

Table 136. Europe Solid-State LiDAR Market Size Forecast by Country (2025-2030) & (M USD)

Table 137. Asia Pacific Solid-State LiDAR Sales Forecast by Region (2025-2030) & (K Units)

Table 138. Asia Pacific Solid-State LiDAR Market Size Forecast by Region (2025-2030) & (M USD)

Table 139. South America Solid-State LiDAR Sales Forecast by Country (2025-2030) & (K Units)

Table 140. South America Solid-State LiDAR Market Size Forecast by Country (2025-2030) & (M USD)

Table 141. Middle East and Africa Solid-State LiDAR Consumption Forecast by Country (2025-2030) & (Units)

Table 142. Middle East and Africa Solid-State LiDAR Market Size Forecast by Country (2025-2030) & (M USD)

Table 143. Global Solid-State LiDAR Sales Forecast by Type (2025-2030) & (K Units)

Table 144. Global Solid-State LiDAR Market Size Forecast by Type (2025-2030) & (M USD)

Table 145. Global Solid-State LiDAR Price Forecast by Type (2025-2030) & (USD/Unit)

Table 146. Global Solid-State LiDAR Sales (K Units) Forecast by Application (2025-2030)

Table 147. Global Solid-State LiDAR Market Size Forecast by Application (2025-2030) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Solid-State LiDAR
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Solid-State LiDAR Market Size (M USD), 2019-2030
- Figure 5. Global Solid-State LiDAR Market Size (M USD) (2019-2030)
- Figure 6. Global Solid-State LiDAR Sales (K Units) & (2019-2030)
- 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. Solid-State LiDAR Market Size by Country (M USD)
- Figure 11. Solid-State LiDAR Sales Share by Manufacturers in 2023
- Figure 12. Global Solid-State LiDAR Revenue Share by Manufacturers in 2023
- Figure 13. Solid-State LiDAR Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market Solid-State LiDAR Average Price (USD/Unit) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by Solid-State LiDAR Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global Solid-State LiDAR Market Share by Type
- Figure 18. Sales Market Share of Solid-State LiDAR by Type (2019-2024)
- Figure 19. Sales Market Share of Solid-State LiDAR by Type in 2023
- Figure 20. Market Size Share of Solid-State LiDAR by Type (2019-2024)
- Figure 21. Market Size Market Share of Solid-State LiDAR by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global Solid-State LiDAR Market Share by Application
- Figure 24. Global Solid-State LiDAR Sales Market Share by Application (2019-2024)
- Figure 25. Global Solid-State LiDAR Sales Market Share by Application in 2023
- Figure 26. Global Solid-State LiDAR Market Share by Application (2019-2024)
- Figure 27. Global Solid-State LiDAR Market Share by Application in 2023
- Figure 28. Global Solid-State LiDAR Sales Growth Rate by Application (2019-2024)
- Figure 29. Global Solid-State LiDAR Sales Market Share by Region (2019-2024)
- Figure 30. North America Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 31. North America Solid-State LiDAR Sales Market Share by Country in 2023

- Figure 32. U.S. Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 33. Canada Solid-State LiDAR Sales (K Units) and Growth Rate (2019-2024)
- Figure 34. Mexico Solid-State LiDAR Sales (Units) and Growth Rate (2019-2024)
- Figure 35. Europe Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 36. Europe Solid-State LiDAR Sales Market Share by Country in 2023
- Figure 37. Germany Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 38. France Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 39. U.K. Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 40. Italy Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 41. Russia Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 42. Asia Pacific Solid-State LiDAR Sales and Growth Rate (K Units)
- Figure 43. Asia Pacific Solid-State LiDAR Sales Market Share by Region in 2023
- Figure 44. China Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 45. Japan Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 46. South Korea Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 47. India Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 48. Southeast Asia Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 49. South America Solid-State LiDAR Sales and Growth Rate (K Units)
- Figure 50. South America Solid-State LiDAR Sales Market Share by Country in 2023
- Figure 51. Brazil Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 52. Argentina Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 53. Columbia Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 54. Middle East and Africa Solid-State LiDAR Sales and Growth Rate (K Units)
- Figure 55. Middle East and Africa Solid-State LiDAR Sales Market Share by Region in 2023
- Figure 56. Saudi Arabia Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 57. UAE Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 58. Egypt Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 59. Nigeria Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 60. South Africa Solid-State LiDAR Sales and Growth Rate (2019-2024) & (K Units)
- Figure 61. Global Solid-State LiDAR Sales Forecast by Volume (2019-2030) & (K Units)
- Figure 62. Global Solid-State LiDAR Market Size Forecast by Value (2019-2030) & (M USD)
- Figure 63. Global Solid-State LiDAR Sales Market Share Forecast by Type (2025-2030)
- Figure 64. Global Solid-State LiDAR Market Share Forecast by Type (2025-2030)

Figure 65. Global Solid-State LiDAR Sales Forecast by Application (2025-2030)

Figure 66. Global Solid-State LiDAR Market Share Forecast by Application (2025-2030)

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