

Lidar Market - A Global and Regional Analysis: Focus on Lidar Applications, Product Types, Market Competition, Emerging Opportunities, and Country Assessment - Analysis and Forecast, 2020-2025

<https://marketpublishers.com/r/LC12300794C7EN.html>

Date: October 2020

Pages: 212

Price: US\$ 5,000.00 (Single User License)

ID: LC12300794C7EN

Abstracts

Hard copy option is available on any of the options above at an additional charge of \$500. Please email us at order@marketpublishers.com with your request.

Market Report Coverage - Lidar

Market Segmentation

Application Type – Engineering and Planning, Architecture and Archaeology, Mining, Agriculture, Forestry and Environment, Automotive, Industrial Safety and Automation, Atmosphere, Transportation, Crowd Management and Security, Others

Product Type – Mechanical and Solid-State Lidar

Range- Long-Range and Short-Range Lidar

Deployment- Airborne and Terrestrial Lidar

Regional Segmentation

North America - U.S., Canada, and Mexico

Europe – Germany, France, Italy, Spain, and Rest-of-Europe

Asia-Pacific and Japan (APJ) – Australia and New Zealand, South East Asia, South Korea, Japan, and Rest-of-APJ

U.K.

China

South America

Middle East and Africa (MEA)

Growth Drivers

Increasing Adoption of Lidars in Automotive Applications

Increasing Adoption of Lidars in Construction Applications

Superior Performance of Lidar Over Other Sensors

Market Challenges

Impact of COVID-19 on Semiconductor Industry

Inaccurate Output in Adverse Weather Conditions

High Cost of Lidar

Market Opportunities

Growing Market Share for Solid State Lidar to Create Greater Opportunities for Players in its Ecosystem

High Potential for Technical Innovation for Cost Reduction

Key Companies Profiled

Benewake Co. Ltd., Innoviz Technologies Ltd., LeddarTech Inc., Phantom Intelligence Inc., Quanergy Systems, Inc., Velodyne Lidar, Inc., Analog Photonics LLC, Beijing Surestar Technology, YellowScan, SICK AG, Hexagon AB, Trimble Inc.

Key Questions Answered in this Report:

What are the underlying structures resulting in the emerging trends within the lidar market?

How are lidar manufacturers, automotive OEMs, regulatory bodies, and tier-1 manufacturers, among others entering the market?

What is the role of governments in the changing landscape of the lidar industry?

Which lidar technology is expected to lead the lidar market by 2025?

What was the market value of the leading regional markets, their segments, and sub-segments in 2019, and how is the market estimated to grow during the forecast period 2020-2025?

How is the industry expected to evolve during the forecast period 2020-2025?

What are the key developmental strategies that are implemented by the key players to sustain the competitive market?

What has been the impact of COVID-19 on the lidar market?

Market Overview

Owing to the impending need for better mapping and surveying techniques, there is a considerable push from governments and regulatory bodies toward developing and installing lidar sensors. By leveraging lidar sensors, entities enhance their product quality and production, along with avoiding catastrophic failures and high production costs.

The global lidar market research provides a detailed perspective on the different types

of products, their applications, value and volume estimation, among others. The principal purpose of this market analysis is to examine the lidar market in terms of factors driving the market, restraints, trends, and opportunities, among others.

The report further considers the market dynamics, supply chain analysis, and the detailed product contribution of the key players operating in the market. The Global Lidar Market report is a compilation of different segments, including market breakdown by product type, application, range, deployment, region, and country.

The global lidar market, based on product type, has been segmented into mechanical and solid-state lidar. The mechanical segment is expected to maintain its dominance during the forecast period in the global lidar market.

The global lidar market, by application, has been segmented into automotive, mining, agriculture, engineering and planning, and transportation, among others. The engineering and planning segment dominated the global lidar market in 2019 in terms of value and is expected to maintain its dominance through the forecast period.

Based on the region, the global lidar market has been segmented into Asia-Pacific and Japan, Europe, the U.K., China, North America, South America, and Middle East and Africa. Each region is segmented into countries. Data for each of these regions and countries is provided by product type and application.

Competitive Landscape

The global lidar market competitive landscape consists of different strategies undertaken by key players across the industry to gain traction and market share presence. Some strategies adopted by the service providers are new product launches, business expansions, mergers, partnerships, and collaborations. Product launch has been the most preferred strategy among all these strategies adopted in the lidar market. Some of the most prominent ecosystem players are Benewake Co. Ltd., Innoviz Technologies Ltd., LeddarTech Inc., Phantom Intelligence Inc., Quanergy Systems, Inc., Velodyne Lidar, Inc., Analog Photonics LLC, Beijing Surestar Technology, YellowScan, SICK AG, Hexagon AB, and Trimble Inc.

Contents

EXECUTIVE SUMMARY

SCOPE OF THE STUDY

1 MARKETS

1.1 Industry Outlook

1.1.1 Lidar: Overview

1.1.1.1 Timeline: Emergence and Evolution of Lidar

1.1.2 Trends: Current and Future

1.1.3 Supply Chain Network/MAP

1.1.4 Ecosystem/Ongoing Programs

1.1.4.1 Regulations for Driverless Vehicles

1.1.4.2 Regulatory Bodies

1.2 Startup Landscape

1.2.1 Key Startups in the Ecosystem

1.2.2 Funding Analysis

1.2.2.1 Major Investors

1.3 Business Dynamics

1.3.1 Business Drivers

1.3.1.1 Increasing Adoption of Lidars in Automotive Applications

1.3.1.2 Increasing Adoption of Lidar in Construction Applications

1.3.1.3 Superior Performance of Lidar Over Other Sensors

1.3.2 Business Challenges

1.3.2.1 Short-Term Challenges

1.3.2.1.1 Impact of COVID-19 on Semiconductor Industry

1.3.2.2 Long-Term Challenges

1.3.2.2.1 High Cost of Lidar

1.3.2.2.2 Inaccurate Output in Adverse Weather Conditions

1.3.3 Business Strategies

1.3.3.1 Product Developments

1.3.3.2 Market Developments

1.3.4 Corporate Strategies

1.3.4.1 Partnerships and Collaborations

1.3.4.2 Mergers and Acquisitions

1.3.5 Business Opportunities

1.3.5.1 Growing Market Share for Solid-State Lidar

- 1.3.5.2 High Potential for Technical Innovation for Cost Reduction
- 1.3.5.3 High Potential Growth for Semiconductor Companies in Lidar Market
- 1.3.5.4 Utilization of Lidar Solutions Combined with Analytics to Ensure Social Distancing

2 APPLICATION

- 2.1 Global Lidar Market, Application and Specification
 - 2.1.1 Automotive
 - 2.1.1.1 ADAS
 - 2.1.1.2 Autonomous Driving
 - 2.1.2 Agriculture
 - 2.1.3 Mining
 - 2.1.4 Architecture and Archaeology
 - 2.1.5 Transportation
 - 2.1.6 Forestry and Environment
 - 2.1.7 Atmosphere
 - 2.1.8 Engineering and Planning
 - 2.1.9 Industrial Safety and Automation
 - 2.1.10 Crowd Monitoring and Security
 - 2.1.11 Others
- 2.2 Demand Analysis for Lidar Market (by Application), Value and Volume Data
 - 2.2.1 Engineering and Planning
 - 2.2.2 Architecture and Archaeology
 - 2.2.3 Mining
 - 2.2.4 Agriculture
 - 2.2.5 Forestry and Environment
 - 2.2.6 Automotive
 - 2.2.7 Industrial Safety and Automation
 - 2.2.8 Atmosphere
 - 2.2.9 Transportation
 - 2.2.10 Crowd Management and Security
 - 2.2.11 Others

3 PRODUCTS

- 3.1 Global Lidar Market, Product and Specifications
 - 3.1.1 Lidar Market, by Product Type
 - 3.1.1.1 Mechanical Lidar

- 3.1.1.2 Solid-State Lidar
- 3.1.2 Lidar Market, by Range
 - 3.1.2.1 Short-Range Lidar
 - 3.1.2.2 Long-Range Lidar
- 3.1.3 Lidar Market, By Deployment/Installation Type
 - 3.1.3.1 Airborne Lidar
 - 3.1.3.2 Ground-Based Lidar/ Terrestrial Lidar
- 3.2 Demand Analysis for Lidar Market, by Product
 - 3.2.1 Demand Analysis for Lidar Market, by Product Type
 - 3.2.1.1 Mechanical Lidar
 - 3.2.1.2 Solid-State Lidar
 - 3.2.2 Demand Analysis for Lidar Market, by Range
 - 3.2.2.1 Long-Range Lidar
 - 3.2.2.2 Short-Range Lidar
 - 3.2.3 Demand Analysis for Lidar Market, by Deployment
 - 3.2.3.1 Terrestrial
 - 3.2.3.2 Airborne

4 REGIONS

- 4.1 North America
 - 4.1.1 Markets
 - 4.1.1.1 Key Service Providers in North America
 - 4.1.1.2 Competitive Benchmarking
 - 4.1.1.3 Business Challenges
 - 4.1.1.4 Business Drivers
 - 4.1.2 Applications
 - 4.1.2.1 North America Lidar Market (by Application), Value and Volume Data
 - 4.1.3 Products
 - 4.1.3.1 North America Lidar Market (by Product), Value and Volume Data
 - 4.1.4 North America: Country-Level Analysis
 - 4.1.4.1 U.S.
 - 4.1.4.1.1 Markets
 - 4.1.4.1.1.1 Buyer Attributes
 - 4.1.4.1.1.2 Key Service Providers in U.S.
 - 4.1.4.1.1.3 Business Challenges
 - 4.1.4.1.1.4 Business Drivers
 - 4.1.4.1.2 Applications
 - 4.1.4.1.2.1 U.S. Lidar Market (by Application), Value and Volume Data

- 4.1.4.2 Products
 - 4.1.4.2.1 U.S. Lidar Market (by Product), Value and Volume Data
- 4.1.4.3 Canada
 - 4.1.4.3.1 Markets
 - 4.1.4.3.1.1 Buyer Attributes
 - 4.1.4.3.1.2 Key Service Providers in Canada
 - 4.1.4.3.1.3 Business Challenges
 - 4.1.4.3.1.4 Business Drivers
 - 4.1.4.3.2 Applications
 - 4.1.4.3.2.1 Canada Lidar Market (by Application), Value and Volume Data
- 4.1.4.4 Products
 - 4.1.4.4.1 Canada Lidar Market (by Product), Value and Volume Data
- 4.1.4.5 Mexico
 - 4.1.4.5.1 Markets
 - 4.1.4.5.1.1 Buyer Attributes
 - 4.1.4.5.1.2 Key Service Providers in Mexico
 - 4.1.4.5.1.3 Business Challenges
 - 4.1.4.5.1.4 Business Drivers
 - 4.1.4.5.2 Applications
 - 4.1.4.5.2.1 Mexico Lidar Market (by Application), Value and Volume Data
- 4.1.4.6 Products
 - 4.1.4.6.1 Mexico Lidar Market (by Product), Value and Volume Data
- 4.2 South America
 - 4.2.1 Markets
 - 4.2.1.1 Buyer Attributes
 - 4.2.1.2 Competitive Benchmarking
 - 4.2.1.3 Key Service Providers in South America
 - 4.2.1.4 Business Challenges
 - 4.2.1.5 Business Drivers
 - 4.2.1.6 Applications
 - 4.2.1.6.1 South America Lidar Market (by Application), Value and Volume Data
 - 4.2.2 Products
 - 4.2.2.1 South America Lidar Market (by Product), Value and Volume Data
- 4.3 Europe
 - 4.3.1 Markets
 - 4.3.1.1 Key Service Providers in Europe
 - 4.3.1.2 Competitive Benchmarking
 - 4.3.1.3 Business Challenges
 - 4.3.1.4 Business Drivers

4.3.1.5 Applications

4.3.1.5.1 Europe Lidar Market (by Application), Value and Volume Data

4.3.2 Products

4.3.2.1 Europe Lidar Market (by Product), Value and Volume Data

4.3.3 Europe: Country-Level Analysis

4.3.3.1 Germany

4.3.3.1.1 Markets

4.3.3.1.1.1 Buyer Attributes

4.3.3.1.1.2 Key Service Providers in Germany

4.3.3.1.1.3 Business Challenges

4.3.3.1.1.4 Business Drivers

4.3.3.1.2 Applications

4.3.3.1.2.1 Germany Lidar Market (by Application), Value and Volume Data

4.3.3.2 Products

4.3.3.2.1 Germany Lidar Market (by Product), Value and Volume Data

4.3.3.3 France

4.3.3.3.1 Markets

4.3.3.3.1.1 Buyer Attributes

4.3.3.3.1.2 Key Service Providers in France

4.3.3.3.1.3 Business Challenges

4.3.3.3.1.4 Business Drivers

4.3.3.3.2 Applications

4.3.3.3.2.1 France Lidar Market (by Application), Value and Volume Data

4.3.3.4 Products

4.3.3.4.1 France Lidar Market (by Product), Value and Volume Data

4.3.3.5 Italy

4.3.3.5.1 Markets

4.3.3.5.1.1 Buyer Attributes

4.3.3.5.1.2 Key Service Providers in Italy

4.3.3.5.1.3 Business Challenges

4.3.3.5.1.4 Business Drivers

4.3.3.5.2 Applications

4.3.3.5.2.1 Italy Lidar Market (by Application), Value and Volume Data

4.3.3.6 Products

4.3.3.6.1 Italy Lidar Market (by Product), Value and Volume Data

4.3.3.7 Spain

4.3.3.7.1 Markets

4.3.3.7.1.1 Buyer Attributes

4.3.3.7.1.2 Key Service Providers in Spain

- 4.3.3.7.1.3 Business Challenges
- 4.3.3.7.1.4 Business Drivers
- 4.3.3.7.2 Applications
 - 4.3.3.7.2.1 Spain Lidar Market (by Application), Value and Volume Data
- 4.3.3.8 Products
 - 4.3.3.8.1 Spain Lidar Market (by Product), Value and Volume Data
- 4.3.3.9 Rest-of-Europe
 - 4.3.3.9.1 Markets
 - 4.3.3.9.1.1 Buyer Attributes
 - 4.3.3.9.1.2 Key Service Providers in Rest-of-Europe
 - 4.3.3.9.1.3 Business Challenges
 - 4.3.3.9.1.4 Business Drivers
 - 4.3.3.9.2 Applications
 - 4.3.3.9.2.1 Rest-of-Europe Lidar Market (by Application), Value and Volume Data
- 4.3.3.10 Products
 - 4.3.3.10.1 Rest-of-Europe Lidar Market (by Product), Value and Volume Data
- 4.4 The U.K.
 - 4.4.1 Markets
 - 4.4.1.1 Buyer Attributes
 - 4.4.1.2 Competitive Benchmarking
 - 4.4.1.3 Key Service Providers in U.K.
 - 4.4.1.4 Business Challenges
 - 4.4.1.5 Business Drivers
 - 4.4.1.6 Applications
 - 4.4.1.6.1 U.K. Lidar Market (by Application), Value and Volume Data
 - 4.4.2 Products
 - 4.4.2.1 U.K. Lidar Market (by Product), Value and Volume Data
- 4.5 Middle East and Africa (MEA)
 - 4.5.1 Markets
 - 4.5.1.1 Buyer Attributes
 - 4.5.1.2 Competitive Benchmarking
 - 4.5.1.3 Key Service Providers in Middle East and Africa
 - 4.5.1.4 Business Challenges
 - 4.5.1.5 Business Drivers
 - 4.5.1.6 Applications
 - 4.5.1.6.1 MEA Lidar Market (by Application), Value and Volume Data
 - 4.5.1.7 Products
 - 4.5.1.7.1 MEA Lidar Market (by Product), Value and Volume Data
- 4.6 China

4.6.1 Markets

4.6.1.1 Buyer Attributes

4.6.1.2 Competitive Benchmarking

4.6.1.3 Key Service Providers in China

4.6.1.4 Business Challenges

4.6.1.5 Business Drivers

4.6.1.6 Applications

4.6.1.6.1 China Lidar Market (by Application), Value and Volume Data

4.6.1.7 Products

4.6.1.7.1 China Lidar Market (by Product), Value and Volume Data

4.7 Asia-Pacific and Japan (APJ)

4.7.1 Markets

4.7.1.1 Key Service Providers in Japan

4.7.1.2 Competitive Benchmarking

4.7.1.3 Business Challenges

4.7.1.4 Business Drivers

4.7.1.5 Applications

4.7.1.5.1 Asia-Pacific and Japan Lidar Market (by Application), Value and Volume

Data

4.7.2 Products

4.7.2.1 Asia-Pacific and Japan Lidar Market (by Product), Value and Volume Data

4.7.3 Asia-Pacific and Japan: Country-Level Analysis

4.7.3.1 Japan

4.7.3.1.1 Markets

4.7.3.1.1.1 Buyer Attributes

4.7.3.1.1.2 Key Service Providers in Japan

4.7.3.1.1.3 Business Challenges

4.7.3.1.1.4 Business Drivers

4.7.3.1.2 Applications

4.7.3.1.2.1 Japan Lidar Market (by Application), Value and Volume Data

4.7.3.2 Products

4.7.3.2.1 Japan Lidar Market (by Product), Value and Volume Data

4.7.3.3 South Korea

4.7.3.3.1 Markets

4.7.3.3.1.1 Buyer Attributes

4.7.3.3.1.2 Key Service Providers in South Korea

4.7.3.3.1.3 Business Challenges

4.7.3.3.1.4 Business Drivers

4.7.3.3.2 Applications

- 4.7.3.3.2.1 South Korea Lidar Market (by Application), Value and Volume Data
- 4.7.3.4 Products
 - 4.7.3.4.1 South Korea Lidar Market (by Product), Value and Volume Data
- 4.7.3.5 Australia and New Zealand (ANZ)
 - 4.7.3.5.1 Markets
 - 4.7.3.5.1.1 Buyer Attributes
 - 4.7.3.5.1.2 Key Service Providers in Australia and New Zealand
 - 4.7.3.5.1.3 Business Challenges
 - 4.7.3.5.1.4 Business Drivers
 - 4.7.3.5.2 Applications
 - 4.7.3.5.2.1 ANZ Lidar Market (by Application), Value and Volume Data
- 4.7.3.6 Products
 - 4.7.3.6.1 ANZ Lidar Market (by Product), Value and Volume Data
- 4.7.3.7 South East Asia
 - 4.7.3.7.1 Markets
 - 4.7.3.7.1.1 Buyer Attributes
 - 4.7.3.7.1.2 Key Service Providers in South East Asia
 - 4.7.3.7.1.3 Business Challenges
 - 4.7.3.7.1.4 Business Drivers
 - 4.7.3.7.2 Applications
 - 4.7.3.7.2.1 South East Asia Lidar Market (by Application), Value and Volume Data
- 4.7.3.8 Products
 - 4.7.3.8.1 South East Asia Lidar Market (by Product), Value and Volume Data
- 4.7.3.9 Rest of Asia-Pacific-and-Japan
 - 4.7.3.9.1 Markets
 - 4.7.3.9.1.1 Buyer Attributes
 - 4.7.3.9.1.2 Key Service Providers in Rest-of-Asia-Pacific and Japan
 - 4.7.3.9.1.3 Business Challenges
 - 4.7.3.9.1.4 Business Drivers
 - 4.7.3.9.2 Applications
 - 4.7.3.9.2.1 Rest-of-APJ Lidar Market (by Application), Value and Volume Data
- 4.7.3.10 Products
 - 4.7.3.10.1 Rest-of-APJ Lidar Market (by Product), Value and Volume Data

5 MARKETS - COMPETITIVE BENCHMARKING & COMPANY PROFILES

- 5.1 Competitive Benchmarking
- 5.2 Company Profiles
 - 5.2.1 Benewake Co., Ltd.

- 5.2.1.1 Company Overview
- 5.2.1.2 Role of Benewake Co. Ltd. in Lidar Market
- 5.2.1.3 Product Portfolio
- 5.2.1.4 Patent Analysis
- 5.2.1.5 Business Strategies
 - 5.2.1.5.1 Product Developments
 - 5.2.1.5.2 Market Developments
- 5.2.1.6 Competitive Position
 - 5.2.1.6.1 Strength
 - 5.2.1.6.2 Weakness
- 5.2.2 Innoviz Technologies Ltd.
 - 5.2.2.1 Company Overview
 - 5.2.2.2 Role of Innoviz Technologies Ltd. in Lidar Market
 - 5.2.2.3 Product Portfolio
 - 5.2.2.4 Patent Analysis
 - 5.2.2.5 Business Strategies
 - 5.2.2.5.1 Product Developments
 - 5.2.2.5.2 Market Developments
 - 5.2.2.6 Corporate Strategies
 - 5.2.2.6.1 Partnership and Collaboration
 - 5.2.2.7 Competitive Position
 - 5.2.2.7.1 Strength
 - 5.2.2.7.2 Weakness
- 5.2.3 LeddarTech Inc.
 - 5.2.3.1 Company Overview
 - 5.2.3.2 Role of LeddarTech Inc. in Lidar Market
 - 5.2.3.3 Product Portfolio
 - 5.2.3.4 Patent Analysis
 - 5.2.3.5 Business Strategies
 - 5.2.3.5.1 Product Developments
 - 5.2.3.5.2 Market Developments
 - 5.2.3.6 Corporate Strategies
 - 5.2.3.6.1 Partnership and Collaboration
 - 5.2.3.6.2 Merger and Acquisition
 - 5.2.3.7 Competitive Position
 - 5.2.3.7.1 Strengths
 - 5.2.3.7.2 Weakness
- 5.2.4 Phantom Intelligence Inc.
 - 5.2.4.1 Company Overview

- 5.2.4.2 Role of Phantom Intelligence Inc. in Lidar Market
- 5.2.4.3 Product Portfolio
- 5.2.4.4 Business Strategies
 - 5.2.4.4.1 Product Developments
- 5.2.4.5 Corporate Strategies
 - 5.2.4.5.1 Partnership and Collaboration
- 5.2.4.6 Competitive Position
 - 5.2.4.6.1 Strength
 - 5.2.4.6.2 Weakness
- 5.2.5 Quanergy Systems, Inc.
 - 5.2.5.1 Company Overview
 - 5.2.5.2 Role of Quanergy System Inc. in Lidar Market
 - 5.2.5.3 Product Portfolio
 - 5.2.5.4 Patent Analysis
 - 5.2.5.5 Business Strategies
 - 5.2.5.5.1 Product Developments
 - 5.2.5.5.2 Market Developments
 - 5.2.5.6 Corporate Strategies
 - 5.2.5.6.1 Partnership and Collaboration
 - 5.2.5.7 Competitive Position
 - 5.2.5.7.1 Strengths
 - 5.2.5.7.2 Weakness
- 5.2.6 Velodyne Lidar, Inc.
 - 5.2.6.1 Company Overview
 - 5.2.6.2 Role of Velodyne Lidar, Inc. in Lidar Market
 - 5.2.6.3 Product Portfolio
 - 5.2.6.4 Patent Analysis
 - 5.2.6.5 Business Strategies
 - 5.2.6.5.1 Product Developments
 - 5.2.6.5.2 Market Developments
 - 5.2.6.6 Corporate Strategies
 - 5.2.6.6.1 Partnership and Collaboration
 - 5.2.6.6.2 Merger and Acquisition
 - 5.2.6.7 Competitive Position
 - 5.2.6.7.1 Strengths
 - 5.2.6.7.2 Weakness
- 5.2.7 Analog Photonics LLC
 - 5.2.7.1 Company Overview
 - 5.2.7.2 Role of Analog Photonics LLC in Lidar Market

- 5.2.7.3 Product Portfolio
- 5.2.7.4 Patent Analysis
- 5.2.7.5 Business Strategies
 - 5.2.7.5.1 Product Developments
- 5.2.7.6 Competitive Position
 - 5.2.7.6.1 Strength
 - 5.2.7.6.2 Weakness
- 5.2.8 Beijing Surestar Technology Co. Ltd.
 - 5.2.8.1 Company Overview
 - 5.2.8.2 Role of Beijing Surestar Technology Co. Ltd. in Lidar Market
 - 5.2.8.3 Product Portfolio
 - 5.2.8.4 Business Strategies
 - 5.2.8.4.1 Market Developments
 - 5.2.8.5 Competitive Position
 - 5.2.8.5.1 Strength
 - 5.2.8.5.2 Weakness
- 5.2.9 YellowScan
 - 5.2.9.1 Company Overview
 - 5.2.9.2 Role of YellowScan in Lidar Market
 - 5.2.9.3 Product Portfolio
 - 5.2.9.4 Corporate Strategies
 - 5.2.9.4.1 Partnership and Collaboration
 - 5.2.9.5 Competitive Position
 - 5.2.9.5.1 Strength
 - 5.2.9.5.2 Weakness
- 5.2.10 Suteng Innovation Technology Co., Ltd. (RoboSense)
 - 5.2.10.1 Company Overview
 - 5.2.10.2 Role of RoboSense in Lidar Market
 - 5.2.10.3 Product Portfolio
 - 5.2.10.4 Business Strategies
 - 5.2.10.4.1 Product Developments
 - 5.2.10.4.2 Market Developments
 - 5.2.10.5 Corporate Strategies
 - 5.2.10.5.1 Partnership and Collaboration
 - 5.2.10.6 Competitive Position
 - 5.2.10.6.1 Strength
 - 5.2.10.6.2 Weakness
- 5.2.11 Luminar Technologies, Inc.
 - 5.2.11.1 Company Overview

- 5.2.11.2 Role of Luminar Technologies, Inc. in Lidar Market
- 5.2.11.3 Product Portfolio
- 5.2.11.4 Business Strategies
 - 5.2.11.4.1 Product Developments
- 5.2.11.5 Corporate Strategies
 - 5.2.11.5.1 Partnership and Collaboration
- 5.2.11.6 Competitive Position
 - 5.2.11.6.1 Strength
 - 5.2.11.6.2 Weakness
- 5.2.12 Neptec Technologies Corp.
 - 5.2.12.1 Company Overview
 - 5.2.12.2 Role of Neptec Technologies Corp. in Lidar Market
 - 5.2.12.3 Product Portfolio
 - 5.2.12.4 Patent Analysis
 - 5.2.12.5 Business Strategies
 - 5.2.12.5.1 Market Developments
 - 5.2.12.6 Competitive Position
 - 5.2.12.6.1 Strength
 - 5.2.12.6.2 Weakness
- 5.2.13 Trimble Inc.
 - 5.2.13.1 Company Overview
 - 5.2.13.2 Role of Trimble Inc. in Lidar Market
 - 5.2.13.3 Product Portfolio
 - 5.2.13.4 Patent Analysis
 - 5.2.13.5 Business Strategies
 - 5.2.13.5.1 Product Developments
 - 5.2.13.6 Competitive Position
 - 5.2.13.6.1 Strength
 - 5.2.13.6.2 Weakness
- 5.2.14 SICK AG
 - 5.2.14.1 Company Overview
 - 5.2.14.2 Role of SICK AG in Lidar Market
 - 5.2.14.3 Product Portfolio
 - 5.2.14.4 Business Strategies
 - 5.2.14.4.1 Market Developments
 - 5.2.14.5 Corporate Strategies
 - 5.2.14.5.1 Partnership and Collaboration
 - 5.2.14.6 Competitive Position
 - 5.2.14.6.1 Strength

- 5.2.14.6.2 Weakness
- 5.2.15 Hexagon AB
 - 5.2.15.1 Company Overview
 - 5.2.15.2 Role of Hexagon AB in Lidar Market
 - 5.2.15.3 Product Portfolio
 - 5.2.15.4 Business Strategies
 - 5.2.15.4.1 Product Developments
 - 5.2.15.5 Corporate Strategies
 - 5.2.15.5.1 Merger and Acquisition
 - 5.2.15.6 Competitive Position
 - 5.2.15.6.1 Strength
 - 5.2.15.6.2 Weakness

6 RESEARCH METHODOLOGY

- 6.1 Data Sources
 - 6.1.1 Primary Data Sources
 - 6.1.2 Secondary Data Sources
- 6.2 Data Triangulation
- 6.3 Market Estimation and Forecast

List Of Figures

LIST OF FIGURES

- Figure 1: Lidars Using Different Technologies
- Figure 2: Companies Operating in Lidar Ecosystem
- Figure 3: Global Lidar Market, \$Million 2019-2025
- Figure 4: Global Lidar Market (by Application), \$Million, 2019-2025
- Figure 5: Global Lidar Market (by Type), \$Million, 2019-2025
- Figure 6: Global Lidar Market (by Deployment/Installation Type), \$Million, 2019-2025
- Figure 7: Global Lidar Market (by Range), \$Million, 2019-2025
- Figure 8: Global Lidar Market (by Region), \$Million, 2019
- Figure 9: Global Lidar Market Coverage
- Figure 10: Timeline: Emergence and Evolution of Lidar
- Figure 11: Lidar Trends in Short, Mid and Long Term Scenarios
- Figure 12: Supply Chain of The Global Lidar Market
- Figure 13: Global Lidar Market: Business Dynamics
- Figure 14: Impact Analysis of Drivers, Restraints, and Challenges
- Figure 15: Key Business Strategies, 2017-2020
- Figure 16: Key Product Developments, 2017-2020
- Figure 17: Key Market Developments, 2017-2020
- Figure 18: Key Corporate Strategies, 2017-2020
- Figure 19: Key Partnerships and Collaborations, 2017-2020
- Figure 20: Key Mergers and Acquisitions, 2017-2020
- Figure 21: ADAS Applications
- Figure 22: Levels of Autonomy
- Figure 23: Applications of Lidar in Agriculture Industry
- Figure 24: Applications of Lidar in Mining Industry
- Figure 25: Applications of Lidar in Architecture and Archaeology
- Figure 26: Applications of Lidar in Transport Industry
- Figure 27: Applications of Lidar in Forestry and Environment
- Figure 28: Use Case of Lidar in Atmospheric Applications
- Figure 29: Applications of Lidar in Engineering and Planning
- Figure 30: Global Lidar Market for Engineering and Planning, '000 Units and \$Million, 2019-2025
- Figure 31: Global Lidar Market for Architecture and Archaeology, '000 Units and \$Million, 2019-2025
- Figure 32: Global Lidar Market for Mining, '000 Units and \$Million, 2019-2025
- Figure 33: Global Lidar Market for Agriculture, '000 Units and \$Million, 2019-2025

Figure 34: Global Lidar Market for Forestry and Environment, '000 Units and \$Million, 2019-2025

Figure 35: Global Lidar Market for Automotive, '000 Units and \$Million, 2019-2025

Figure 36: Global Lidar Market for Industrial Safety and Automation, '000 Units and \$Million, 2019-2025

Figure 37: Global Lidar Market for Atmosphere, '000 Units and \$Million, 2019-2025

Figure 38: Global Lidar Market for Transportation, '000 Units and \$Million, 2019-2025

Figure 39: Global Lidar Market for Crowd Management and Security, '000 Units and \$Million, 2019-2025

Figure 40: Global Lidar Market for Others, '000 Units and \$Million, 2019-2025

Figure 41: Types of Solid State Lidar

Figure 42: Applications of Short-Range Lidar in Autonomous Vehicles

Figure 43: Applications of Long-Range Lidar In Autonomous Vehicles

Figure 44: Types of Airborne Lidar

Figure 45: Types of Terrestrial Lidar

Figure 46: Global Lidar Market for Mechanical Lidar, '000 Units and \$Million, 2019-2025

Figure 47: Global Lidar Market for Solid-State Lidar, '000 Units and \$Million, 2019-2025

Figure 48: Global Lidar Market for Long-Range Lidar, '000 Units and \$Million, 2019-2025

Figure 49: Global Lidar Market for Short-Range Lidar, '000 Units and \$Million, 2019-2025

Figure 50: Global Lidar Market for Terrestrial, '000 Units and \$Million, 2019-2025

Figure 51: Global Lidar Market for Airborne, '000 Units and \$Million, 2019-2025

Figure 52: North America Lidar Market, \$Million and '000 Units, 2019-2025

Figure 53: U.S. Lidar Market, \$Million and '000 Units, 2019-2025

Figure 54: Canada Lidar Market, \$Million and '000 Units, 2019-2025

Figure 55: Mexico Lidar Market, \$Million and '000 Units, 2019-2025

Figure 56: South America Lidar Market, \$Million and '000 Units, 2019-2025

Figure 57: Europe Lidar Market, \$Million and '000 Units, 2019-2025

Figure 58: Germany Lidar Market, \$Million and '000 Units, 2019-2025

Figure 59: France Lidar Market, \$Million and '000 Units, 2019-2025

Figure 60: Italy Lidar Market, \$Million and '000 Units, 2019-2025

Figure 61: Spain Lidar Market, \$Million and '000 Units, 2019-2025

Figure 62: Rest-of-Europe Lidar Market, \$Million and '000 Units, 2019-2025

Figure 63: U.K. Lidar Market, \$Million and '000 Units, 2019-2025

Figure 64: MEA Lidar Market, \$Million and '000 Units, 2019-2025

Figure 65: China Lidar Market, \$Million and '000 Units, 2019-2025

Figure 66: Asia-Pacific and Japan Lidar Market, \$Million and '000 Units, 2019-2025

- Figure 67: Japan Lidar Market, \$Million and '000 Units, 2019-2025
- Figure 68: South Korea Lidar Market, \$Million and '000 Units, 2019-2025
- Figure 69: ANZ Lidar Market, \$Million and '000 Units, 2019-2025
- Figure 70: South East Asia Lidar Market, \$Million and '000 Units, 2019-2025
- Figure 71: Rest-of-APJ Lidar Market, \$Million and '000 Units, 2019-2025
- Figure 72: Competitive Benchmarking of Companies Operating in the Lidar Market
- Figure 73: Innoviz Technologies Ltd.: Product Portfolio
- Figure 74: LeddarTech Inc.: Product Portfolio
- Figure 75: Phantom Intelligence Inc.: Product Portfolio
- Figure 76: Quanergy System Inc.: Product Portfolio
- Figure 77: Velodyne Lidar, Inc.: Product Portfolio
- Figure 78: Analog Photonics LLC: Product Portfolio
- Figure 79: Beijing Surestar Technology Co. Ltd.: Product Portfolio
- Figure 80: YellowScan: Product Portfolio
- Figure 81: RoboSense: Product Portfolio
- Figure 82: Luminar Technologies, Inc.: Product Portfolio
- Figure 83: Neptec Technologies Corp.: Product Portfolio
- Figure 84: Trimble Inc.: Product Portfolio
- Figure 85: SICK AG: Product Portfolio
- Figure 86: Hexagon AB: Product Portfolio
- Figure 87: Research Methodology
- Figure 88: Data Triangulation
- Figure 89: Top-Down and Bottom-Up Approach
- Figure 90: Assumptions and Limitations

List Of Tables

LIST OF TABLES

Table 1: Current Laws and Regulatory Bodies Related to Autonomous Vehicles (by Country)

Table 2: Regulatory Agencies for Driverless Vehicles

Table 3: Key Startups in Lidar Market

Table 4: Major Investors

Table 5: Comparison of Features: Camera, Radar, and Lidar

Table 6: Number of Sensors Used in Vision Systems in Vehicles of Different Autonomy

Table 7: Global Lidar Market, by Application, '000 Units, 2019-2025

Table 8: Global Lidar Market, by Application, \$Million, 2019-2025

Table 9: Global Lidar Market, by Product, \$Million, 2019-2025

Table 10: Global Lidar Market, by Product, '000 Units, 2019-2025

Table 11: Global Lidar Market, by Range, \$Million, 2019-2025

Table 12: Global Lidar Market, by Range, '000 Units, 2019-2025

Table 13: Global Lidar Market, by Deployment, \$Million, 2019-2025

Table 14: Global Lidar Market, by Deployment, '000 Units, 2019-2025

Table 15: Global Lidar Market (by Region), Million Units, 2019-2025

Table 16: Global Lidar Market (by Region), \$Million, 2019-2025

Table 17: North America Lidar Market, by Application, '000 Units, 2019-2025

Table 18: North America Lidar Market, by Application, \$Million, 2019-2025

Table 19: North America Lidar Market, by Application, \$Million, 2019-2025

Table 20: North America Lidar Market, by Application, '000 Units, 2019-2025

Table 21: Completion Status of Bathymetric and Topographic Lidar Scans

Table 22: U.S. Lidar Market, by Application, '000 Units, 2019-2025

Table 23: U.S. Lidar Market, by Application, \$Million, 2019-2025

Table 24: U.S. Lidar Market, by Application, \$Million, 2019-2025

Table 25: U.S. Lidar Market, by Application, '000 Units, 2019-2025

Table 26: Canada Lidar Market, by Application, '000 Units, 2019-2025

Table 27: Canada Lidar Market, by Application, \$Million, 2019-2025

Table 28: Canada Lidar Market, by Application, \$Million, 2019-2025

Table 29: Canada Lidar Market, by Application, '000 Units, 2019-2025

Table 30: Mexico Lidar Market, by Application, '000 Units, 2019-2025

Table 31: Mexico Lidar Market, by Application, \$Million, 2019-2025

Table 32: Mexico Lidar Market, by Application, \$Million, 2019-2025

Table 33: Mexico Lidar Market, by Application, '000 Units, 2019-2025

Table 34: South America Lidar Market, by Application, \$Million, 2019-2025

Table 35: South America Lidar Market, by Application, '000 Units, 2019-2025

Table 36: South America Lidar Market, by Application, \$Million, 2019-2025

Table 37: South America Lidar Market, by Application, '000 Units, 2019-2025

Table 38: Europe Lidar Market, by Application, '000 Units, 2019-2025

Table 39: Europe Lidar Market, by Application, \$Million, 2019-2025

Table 40: Europe Lidar Market, by Application, \$Million, 2019-2025

Table 41: Europe Lidar Market, by Application, '000 Units, 2019-2025

Table 42: Germany Lidar Market, by Application, '000 Units, 2019-2025

Table 43: Germany Lidar Market, by Application, \$Million, 2019-2025

Table 44: Germany Lidar Market, by Product, \$Million, 2019-2025

Table 45: Germany Lidar Market, by Product, '000 Units, 2019-2025

Table 46: France Lidar Market, by Application, '000 Units, 2019-2025

Table 47: France Lidar Market, by Application, \$Million, 2019-2025

Table 48: France Lidar Market, by Product, \$Million, 2019-2025

Table 49: France Lidar Market, by Product, '000 Units, 2019-2025

Table 50: Italy Lidar Market, by Application, \$Million, 2019-2025

Table 51: Italy Lidar Market, by Application, '000 Units, 2019-2025

Table 52: Italy Lidar Market, by Product, \$Million, 2019-2025

Table 53: Italy Lidar Market, by Product, '000 Units, 2019-2025

Table 54: Spain Lidar Market, by Application, \$Million, 2019-2025

Table 55: Spain Lidar Market, by Application, '000 Units, 2019-2025

Table 56: Spain Lidar Market, by Product, \$Million, 2019-2025

Table 57: Spain Lidar Market, by Product, '000 Units, 2019-2025

Table 58: Rest-of-Europe Lidar Market, by Application, \$Million, 2019-2025

Table 59: Rest-of-Europe Lidar Market, by Application, '000 Units, 2019-2025

Table 60: Rest-of-Europe Lidar Market, by Product, \$Million, 2019-2025

Table 61: Rest-of-Europe Lidar Market, by Product, '000 Units, 2019-2025

Table 62: U.K. Lidar Market, by Application, \$Million, 2019-2025

Table 63: U.K. Lidar Market, by Application, '000 Units, 2019-2025

Table 64: U.K. Lidar Market, by Product, \$Million, 2019-2025

Table 65: U.K. Lidar Market, by Product, '000 Units, 2019-2025

Table 66: MEA Lidar Market, by Application, \$Million, 2019-2025

Table 67: MEA Lidar Market, by Application, '000 Units, 2019-2025

Table 68: MEA Lidar Market, by Product, \$Million, 2019-2025

Table 69: MEA Lidar Market, by Product, '000 Units, 2019-2025

Table 70: China Lidar Market, by Application, '000 Units, 2019-2025

Table 71: China Lidar Market, by Application, \$Million, 2019-2025

Table 72: China Lidar Market, by Product, \$Million, 2019-2025

Table 73: China Lidar Market, by Product, '000 Units, 2019-2025

Table 74: Asia-Pacific and Japan Lidar Market, by Application, '000 Units, 2019-2025

Table 75: Asia-Pacific and Japan Lidar Market, by Application, \$Million, 2019-2025

Table 76: Asia-Pacific and Japan Lidar Market, by Product, \$Million, 2019-2025

Table 77: Asia-Pacific and Japan Lidar Market, by Product, '000 Units, 2019-2025

Table 78: Japan Lidar Market, by Application, '000 Units, 2019-2025

Table 79: Japan Lidar Market, by Application, \$Million, 2019-2025

Table 80: Japan Lidar Market, by Product, \$Million, 2019-2025

Table 81: Japan Lidar Market, by Product, '000 Units, 2019-2025

Table 82: South Korea Lidar Market, by Application, '000 Units, 2019-2025

Table 83: South Korea Lidar Market, by Application, \$Million, 2019-2025

Table 84: South Korea Lidar Market, by Product, \$Million, 2019-2025

Table 85: South Korea Lidar Market, by Product, '000 Units, 2019-2025

Table 86: ANZ Lidar Market, by Application, '000 Units, 2019-2025

Table 87: ANZ Lidar Market, by Application, \$Million, 2019-2025

Table 88: ANZ Lidar Market, by Product, \$Million, 2019-2025

Table 89: ANZ Lidar Market, by Product, '000 Units, 2019-2025

Table 90: South East Asia Lidar Market, by Application, '000 Units, 2019-2025

Table 91: South East Asia Lidar Market, by Application, \$Million, 2019-2025

Table 92: South East Asia Lidar Market, by Product, \$Million, 2019-2025

Table 93: South East Asia Lidar Market, by Product, '000 Units, 2019-2025

Table 94: Rest-of-APJ Lidar Market, by Application, '000 Units, 2019-2025

Table 95: Rest-of-APJ Lidar Market, by Application, \$Million, 2019-2025

Table 96: Rest-of-APJ Lidar Market, by Product, \$Million, 2019-2025

Table 97: Rest-of-APJ Lidar Market, by Product, '000 Units, 2019-2025

Table 98: Benewake Co. Ltd.: Product Portfolio

I would like to order

Product name: Lidar Market - A Global and Regional Analysis: Focus on Lidar Applications, Product Types, Market Competition, Emerging Opportunities, and Country Assessment - Analysis and Forecast, 2020-2025

Product link: <https://marketpublishers.com/r/LC12300794C7EN.html>

Price: US\$ 5,000.00 (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/LC12300794C7EN.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