

# Global Light Detection and Ranging (LIDAR) Market Research Report 2022 Professional Edition

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## Abstracts

The global Light Detection and Ranging (LIDAR) market was valued at 325.85 Million USD in 2021 and will grow with a CAGR of 10.39% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact which will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market vendors, types, applications/end users and geography(North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

Light Detection and Ranging (LIDAR), also written lidar, LiDAR or LADAR, is a remote sensing technology that measures distance by illuminating a target with a laser and analyzing the reflected light. LIDAR is popularly used as a technology to make high-resolution maps, with applications in civil engineering, forestry & agriculture, transportation, urban mapping, etc. What is known as LIDAR is sometimes simply referred to as laser scanning or 3D scanning, with terrestrial and airborne applications. As for the global Lidar industry, the industry structure is relative concentrated. The most of market share in production value is dominated by the top three giants Leica Geosystems, Trimble and Optech, which occupies closes to 65% totally in 2015. In the meantime, new entrants are emerging in this market, eroding the market share of traditional player as more applications are developed and diverse models are demanding in the market. Key market drivers are the better performance than other technologies and ring demand for 3D mapping, as well as emerging supply market force for cheaper and better equipment to challenge current players. Europe is holding the lion`s share globally in technology and production, while North America is the largest consumption area. Other emerging countries, like China and India, are

increasing Lidar in various applications. Despite the presence of competition problems, due to the Lidar's special technology advantage in application, especially in unmanned automotive and 3D mapping, investors are very optimistic about this area; in future there will be more new investments into this industry. Although sales of Lidar brought a lot of opportunities, the study group recommends the new entrants just having money but without technical advantage and downstream support do not to enter into the Lidar field.

By Market Vendors:

Leica Geosystems

Trimble

Teledyne Optech

Riegl

Topcon

Velodyne LiDAR

3D Laser Mapping

IGI

Sure Star

By Types:

Airborne LiDAR

Terrestrial LiDAR

By Applications:

Civil Engineering

Forestry & Agriculture

Transportation

Urban Mapping

Key Indicators Analysed

**Market Players & Competitor Analysis:** The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market's competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

**Global and Regional Market Analysis:** The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

**Market Trends:** Market key trends which include Increased Competition and Continuous Innovations.

**Opportunities and Drivers:** Identifying the Growing Demands and New Technology

**Porters Five Force Analysis:** The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements

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