

Technology Landscape, Trends and Opportunities in the Global LiDAR Market

<https://marketpublishers.com/r/T29D033D5DC5EN.html>

Date: April 2024

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: T29D033D5DC5EN

Abstracts

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The technologies in LiDAR market have undergone significant change in recent years, with low frequency short range radar system and high frequency long range LiDAR system. The rising wave of new technologies, such as medium and long range LiDAR are creating significant potential in various automotive applications, and driving the demand for LiDAR technologies.

In LiDAR market, various technologies, such as short range, medium range, and long range LiDAR are used in various applications. Increasing use of drone equipped with LiDAR for greater accuracy, growing demand for the 3D imaging technology, and encouragement from the government and institutes for adoption of LiDAR in engineering projects are creating new opportunities for various LiDAR technologies

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the LiDAR market. Some insights are depicted below by a sample figure. For more details on figures, the companies researched, and other objectives/benefits on this research report, please download the report brochure.

The study includes technology readiness, competitive intensity, regulatory compliance, disruption potential, trends, forecasts and strategic implications for the global LiDAR technology by application, technology, and region as follows:

Technology Readiness by Technology Type

Competitive Intensity and Regulatory Compliance

Disruption Potential by Technology Type

Trends and Forecasts by Technology [\$M shipment analysis from 2018 to 2030]:

Short range LiDAR

Medium range LiDAR

Long range LiDAR

Technology Trends and Forecasts by Application [\$M shipment analysis from 2018 to 2030]:

Corridor Mapping

Short range LiDAR

Medium range LiDAR

Long range LiDAR

Engineering

Short range LiDAR

Medium range LiDAR

Long range LiDAR

Environment

Short range LiDAR

Medium range LiDAR

Long range LiDAR

ADAS and Driverless

Short range LiDAR

Medium range LiDAR

Long range LiDAR

Exploration

Short range LiDAR

Medium range LiDAR

Long range LiDAR

Others

Short range LiDAR

Medium range LiDAR

Long range LiDAR

Technology Trends and Forecasts by Region [\$M shipment analysis for 2018 to 2030]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

Japan

China

South Korea

India

The Rest of the World

Latest Developments and Innovations in the LiDAR Technologies

Companies / Ecosystems

Strategic Opportunities by Technology Type

Some of the LiDAR companies profiled in this report include Teledyne Optech, Leica Geosystem, Rieg Laser Measurement System, Trimble, Far%li%Technologies, Quantum Spatial (Aerometric), Beijing Surestar Technology (Isurestar), Velodyne Lidar, Geokno, and Sick AG.

This report answers following 9 key questions:

Q.1 What are some of the most promising and high-growth technology opportunities for the LiDAR market?

Q.2 Which technology will grow at a faster pace and why?

Q.3 What are the key factors affecting dynamics of different technologies? What are the drivers and challenges of these technologies in LiDAR market?

Q.4 What are the levels of technology readiness, competitive intensity and regulatory compliance in this technology space?

Q.5 What are the business risks and threats to these technologies in LiDAR market?

Q.6 What are the latest developments in LiDAR technologies? Which companies are leading these developments?

Q.7 Which technologies have potential of disruption in this market?

Q.8 Who are the major players in this LiDAR market? What strategic initiatives are being implemented by key players for business growth?

Q.9 What are strategic growth opportunities in this LiDAR technology space?

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