

Global LiDAR Market Growth 2023-2029

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Abstracts

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Lidar is a product of the combination of laser technology and radar technology. It is composed of transmitters, antennas, receivers, tracking frames and information processing. It can measure target position (distance and angle), movement status (speed, vibration and attitude) And the shape has become one of the necessary devices for advanced assisted driving and intelligent driving. It is used in the automotive industry or other ground motor vehicles, rail transit, and radar in the surveying and mapping industry.

LPI (LP Information)' newest research report, the "LiDAR Industry Forecast" looks at past sales and reviews total world LiDAR sales in 2022, providing a comprehensive analysis by region and market sector of projected LiDAR sales for 2023 through 2029. With LiDAR sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world LiDAR industry.

This Insight Report provides a comprehensive analysis of the global LiDAR landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on LiDAR portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global LiDAR market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for LiDAR and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the

current state and future trajectory in the global LiDAR.

The global LiDAR market size is projected to grow from US\$ 1090.7 million in 2022 to US\$ 2945.6 million in 2029; it is expected to grow at a CAGR of 2945.6 from 2023 to 2029.

United States market for LiDAR is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for LiDAR is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for LiDAR is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key LiDAR players cover Trimbel, Hexagon AB, Sick AG, Topcon, Velodyne, Riegl, Valeo, Leosphere and Innovusion, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of LiDAR market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

905 nm

1550 nm

1064 nm

885 mn

Others

Segmentation by application

Civil Engineering

Forestry & Agriculture

Transportation

Urban Mapping

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Trimbel

Hexagon AB

Sick AG

Topcon

Velodyne

Riegl

Valeo

Leosphere

Innovusion

Hesai

Ibeo

Ouster

LeddarTech

Robosense

Luminar

Beijing Wanji Technology

SureStar

Continental

LeiShen Intelligent System

Benewake

Quanergy

Cepton

Waymo

Huwei

Denso

Encradar

FaseLase

Innoviz

Aeva

Faro

BEA Sensor

Hokuyo

ASC

Livox

Key Questions Addressed in this Report

What is the 10-year outlook for the global LiDAR market?

What factors are driving LiDAR market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do LiDAR market opportunities vary by end market size?

How does LiDAR break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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