

Global Solid-State LiDAR Market Growth 2025-2031

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Abstracts

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The global Solid-State LiDAR market size is predicted to grow from US\$ 1995 million in 2025 to US\$ 9437 million in 2031; it is expected to grow at a CAGR of 29.6% from 2025 to 2031.

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.

Europe is the largest market with about 49% market share. USA is follower, accounting for about 27% market share.

The key players are Velodyne, Quanergy, LeddarTech, ABAX Sensing, Ibeo, Trilumina, Innoviz, Strobe, Aeye, Luminar, Continental AG, Xenomatix, Imec, Robosense, Genius Pro, Benewake, Hesai etc.

LP Information, Inc. (LPI) ' newest research report, the "Solid-State LiDAR Industry Forecast" looks at past sales and reviews total world Solid-State LiDAR sales in 2024, providing a comprehensive analysis by region and market sector of projected Solid-State LiDAR sales for 2025 through 2031. With Solid-State LiDAR sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Solid-State LiDAR industry.

This Insight Report provides a comprehensive analysis of the global Solid-State 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 Solid-State

LiDAR portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Solid-State LiDAR market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Solid-State 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 Solid-State LiDAR.

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

Segmentation by Type:

MEMS Based Scanning

Phase Array

Non-Scanning Flash

Segmentation by Application:

Automotive

Industrial

Security

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 analysing the company's coverage, product portfolio, its market penetration.

Velodyne

Quanergy

LeddarTech

ABAX Sensing

Ibeo

Trilumina

Innoviz

Strobe

Aeye

Luminar

Continental AG

Xenomatrix

Imec

Robosense

Genius Pro

Benewake

Hesai

Key Questions Addressed in this Report

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

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

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

How do Solid-State LiDAR market opportunities vary by end market size?

How does Solid-State LiDAR break out by Type, by Application?

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