

Global Autonomous Driving Solid-State LiDAR Market Growth 2023-2029

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Abstracts

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Lidar Stands For Light Detection And Ranging. It Is A Time-Of-Flight Sensing Technology That Can Measure Low-Power, Eye-Safe Laser Pulses And Measure The Time Required For The Laser To Complete The Round Trip Between The Sensor And The Target. The Generated Aggregated Data Is Used To Generate 3D Point Cloud Images, While Providing Spatial Position And Depth Information To Identify, Classify And Track Moving Objects

LPI (LP Information)' newest research report, the "Autonomous Driving Solid-State LiDAR Industry Forecast" looks at past sales and reviews total world Autonomous Driving Solid-State LiDAR sales in 2022, providing a comprehensive analysis by region and market sector of projected Autonomous Driving Solid-State LiDAR sales for 2023 through 2029. With Autonomous Driving 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 Autonomous Driving Solid-State LiDAR industry.

This Insight Report provides a comprehensive analysis of the global Autonomous Driving 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 Autonomous Driving 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 Autonomous Driving Solid-State LiDAR market.

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

The global Autonomous Driving Solid-State LiDAR market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Autonomous Driving Solid-State 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 Autonomous Driving Solid-State 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 Autonomous Driving Solid-State 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 Autonomous Driving Solid-State LiDAR players cover Velodyne, Luminar, Innoviz, Baraja, LeddarTech, Quanergy, Ouster, Sense Photonics and RoboSense, 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 Autonomous Driving Solid-State LiDAR market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

MEMS Based Scanning

Phase Array

Non-Scanning Flash

Segmentation by application

Passenger Car

Commercial Vehicle

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.

Velodyne

Luminar

Innoviz

Baraja

LeddarTech

Quanergy

Ouster

Sense Photonics

RoboSense

ABAX Sensing

Key Questions Addressed in this Report

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

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

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

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

How does Autonomous Driving Solid-State LiDAR break out type, application?

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

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