

Global Obstacle-Avoidance LiDAR Market Growth 2025-2031

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Abstracts

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The global Obstacle-Avoidance LiDAR market size is predicted to grow from US\$ 155 million in 2025 to US\$ 193 million in 2031; it is expected to grow at a CAGR of 3.7% from 2025 to 2031.

The obstacle-avoidance LiDAR market has been experiencing a positive trend in recent years. Here are some key market trends:

1. Increasing adoption in autonomous vehicles: Obstacle-avoidance LiDAR systems are a critical component in autonomous vehicles for detecting and avoiding obstacles in real-time. As the demand for autonomous vehicles continues to grow, the market for obstacle-avoidance LiDAR is expanding. These LiDAR systems provide accurate and high-resolution 3D mapping of the vehicle's surroundings, enabling safe navigation and collision avoidance.
2. Advancements in LiDAR technology: The obstacle-avoidance LiDAR market has witnessed significant advancements in LiDAR technology, including improvements in range, resolution, and scanning speed. Manufacturers are developing LiDAR sensors with longer detection ranges, higher point cloud densities, and faster scanning capabilities. These advancements enhance the performance and reliability of obstacle-avoidance LiDAR systems, driving their adoption in various industries.

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

LiDAR industry.

This Insight Report provides a comprehensive analysis of the global Obstacle-Avoidance 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 Obstacle-Avoidance LiDAR portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Obstacle-Avoidance LiDAR market.

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

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

Segmentation by Type:

2D Type

3D Type

Segmentation by Application:

3D Recognition

Volume Measurement

People Counting

Safe Working Area Protection

Other

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.

Benewake

DreamVu

LSLIDAR

Hypersen

Robomania

Witty Robotics

Sentech Industries

LiDAR Solutions

LeddarTech

Hokuyo

RadarIQ

Key Questions Addressed in this Report

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

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

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

How do Obstacle-Avoidance LiDAR market opportunities vary by end market size?

How does Obstacle-Avoidance LiDAR break out by Type, by Application?

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