

Global Lidar for Weather Forecasting Market Growth 2026-2032

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Abstracts

The global Lidar for Weather Forecasting market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of % from 2026 to 2032.

Weather forecasting lidar is often integrated with other weather monitoring technologies such as weather radar, satellites, and ground sensors to provide a comprehensive understanding of atmospheric conditions. The integrated system is able to detect various components in the atmosphere, such as aerosols, clouds, water vapor, etc., thereby providing information on key parameters such as atmospheric state, temperature, humidity, wind speed, etc. This information helps to understand the physical and chemical processes in the atmosphere, ensure the accuracy of weather forecasts, and thus predict future weather conditions.

United States market for Lidar for Weather Forecasting is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Lidar for Weather Forecasting is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Lidar for Weather Forecasting is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Lidar for Weather Forecasting players cover Vaisala, FARO, Aerometrex, Sick AG, SureStar, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Lidar for Weather Forecasting Industry Forecast" looks at past sales and reviews total world Lidar for Weather Forecasting sales in 2025, providing a comprehensive analysis by region and market sector of projected Lidar for Weather Forecasting sales for 2026 through 2032. With Lidar for Weather Forecasting sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Lidar for Weather Forecasting industry.

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

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Lidar for Weather Forecasting 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 for Weather Forecasting.

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

Segmentation by Type:

Terrestrial

Aerial

Segmentation by Application:

Weather and Environment

Aerospace

Wind Power Industry

Agriculture

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

Vaisala

FARO

Aerometrex

Sick AG

SureStar

Hexagon AB

Teledyne Geospatial

Ouster

YellowScan

ZX Lidars

Qingdao Leice Transient Technology

Nanjing Movelas Technology

Qingdao Huahang Seaglet Environmental Technology

Anhui Landun Photoelectron

Everise Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Lidar for Weather Forecasting market?

What factors are driving Lidar for Weather Forecasting market growth, globally and by region?

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

How do Lidar for Weather Forecasting market opportunities vary by end market size?

How does Lidar for Weather Forecasting break out by Type, by Application?

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