



Weather Lidar Industry Research Report 2026

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Electronics & Semiconductor	2026-07-05	126	PDF
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Description

The global Weather Lidar market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

The North America market for Weather Lidar is forecast to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026–2032.

The Europe market for Weather Lidar is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

The Asia Pacific market for Weather Lidar is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032.

Leading global manufacturers of Weather Lidar include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report quantifies the global Weather Lidar market in revenue (US\$ million) and, where applicable, sales volume (k units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032. It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/k units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Weather Lidar.

Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

- Weather Lidar Market by Company
- Vaisala
 - Movelaser
 - ZX Lidars
 - John Wood Group
 - Lockheed Martin

Qingdao Leice Transient Technology

Huahang Seaglet

Lumibird

Landun Photoelectron

Windar Photonics

Mitsubishi Electric

Everise Technology

Weather Lidar Segment by Type

Nacelle Lidar

Ground-based Lidar

Others

Weather Lidar Segment by Application

Meteorology & Environmental

Aviation Safety

Military

Weather Lidar Segment by Region

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Spain

Netherlands

Switzerland

Sweden

Poland

Asia-Pacific

China

Japan

South Korea

India

Australia

Taiwan

Southeast Asia

South America

Brazil

Argentina

Chile

Middle East & Africa

Egypt

South Africa

Israel
Türkiye
GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Weather Lidar market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Weather Lidar and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Weather Lidar.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Detailed analysis of Weather Lidar manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5:

Production/output, value of Weather Lidar by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6:

Consumption of Weather Lidar in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7:

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8:

Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9:

Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10:

Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 Weather Lidar by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.2.2 Nacelle Lidar
 - 2.2.3 Ground-based Lidar
 - 2.2.4 Others
- 2.3 Weather Lidar by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.3.2 Meteorology & Environmental
 - 2.3.3 Aviation Safety
 - 2.3.4 Military
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Weather Lidar Production Value Estimates and Forecasts (2021-2032)
 - 2.4.2 Global Weather Lidar Production Capacity Estimates and Forecasts (2021-2032)
 - 2.4.3 Global Weather Lidar Production Estimates and Forecasts (2021-2032)
 - 2.4.4 Global Weather Lidar Market Average Price (2021-2032)

3 Market Competitive Landscape by Manufacturers

- 3.1 Global Weather Lidar Production by Manufacturers (2021-2026)
- 3.2 Global Weather Lidar Production Value by Manufacturers (2021-2026)
- 3.3 Global Weather Lidar Average Price by Manufacturers (2021-2026)
- 3.4 Global Weather Lidar Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Weather Lidar Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Weather Lidar Manufacturers, Product Type & Application
- 3.7 Global Weather Lidar Manufacturers Established Date
- 3.8 Global Weather Lidar Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 Manufacturers Profiled

- 4.1 Vaisala
 - 4.1.1 Vaisala Weather Lidar Company Information
 - 4.1.2 Vaisala Weather Lidar Business Overview
 - 4.1.3 Vaisala Weather Lidar Production, Value and Gross Margin (2021-2026)
 - 4.1.4 Vaisala Product Portfolio
 - 4.1.5 Vaisala Recent Developments
- 4.2 Movelaser

- 4.2.1 Movelaser Weather Lidar Company Information
- 4.2.2 Movelaser Weather Lidar Business Overview
- 4.2.3 Movelaser Weather Lidar Production, Value and Gross Margin (2021-2026)
- 4.2.4 Movelaser Product Portfolio
- 4.2.5 Movelaser Recent Developments

4.3 ZX Lidars

- 4.3.1 ZX Lidars Weather Lidar Company Information
- 4.3.2 ZX Lidars Weather Lidar Business Overview
- 4.3.3 ZX Lidars Weather Lidar Production, Value and Gross Margin (2021-2026)
- 4.3.4 ZX Lidars Product Portfolio
- 4.3.5 ZX Lidars Recent Developments

4.4 John Wood Group

- 4.4.1 John Wood Group Weather Lidar Company Information
- 4.4.2 John Wood Group Weather Lidar Business Overview
- 4.4.3 John Wood Group Weather Lidar Production, Value and Gross Margin (2021-2026)
- 4.4.4 John Wood Group Product Portfolio
- 4.4.5 John Wood Group Recent Developments

4.5 Lockheed Martin

- 4.5.1 Lockheed Martin Weather Lidar Company Information
- 4.5.2 Lockheed Martin Weather Lidar Business Overview
- 4.5.3 Lockheed Martin Weather Lidar Production, Value and Gross Margin (2021-2026)
- 4.5.4 Lockheed Martin Product Portfolio
- 4.5.5 Lockheed Martin Recent Developments

4.6 Qingdao Leice Transient Technology

- 4.6.1 Qingdao Leice Transient Technology Weather Lidar Company Information
- 4.6.2 Qingdao Leice Transient Technology Weather Lidar Business Overview
- 4.6.3 Qingdao Leice Transient Technology Weather Lidar Production, Value and Gross Margin (2021-2026)
- 4.6.4 Qingdao Leice Transient Technology Product Portfolio
- 4.6.5 Qingdao Leice Transient Technology Recent Developments

4.7 Huahang Seaglet

- 4.7.1 Huahang Seaglet Weather Lidar Company Information
- 4.7.2 Huahang Seaglet Weather Lidar Business Overview
- 4.7.3 Huahang Seaglet Weather Lidar Production, Value and Gross Margin (2021-2026)
- 4.7.4 Huahang Seaglet Product Portfolio
- 4.7.5 Huahang Seaglet Recent Developments

4.8 Lumibird

- 4.8.1 Lumibird Weather Lidar Company Information
- 4.8.2 Lumibird Weather Lidar Business Overview
- 4.8.3 Lumibird Weather Lidar Production, Value and Gross Margin (2021-2026)
- 4.8.4 Lumibird Product Portfolio
- 4.8.5 Lumibird Recent Developments

4.9 Landun Photoelectron

- 4.9.1 Landun Photoelectron Weather Lidar Company Information
- 4.9.2 Landun Photoelectron Weather Lidar Business Overview
- 4.9.3 Landun Photoelectron Weather Lidar Production, Value and Gross Margin (2021-2026)
- 4.9.4 Landun Photoelectron Product Portfolio
- 4.9.5 Landun Photoelectron Recent Developments

4.10 Windar Photonics

- 4.10.1 Windar Photonics Weather Lidar Company Information
- 4.10.2 Windar Photonics Weather Lidar Business Overview
- 4.10.3 Windar Photonics Weather Lidar Production, Value and Gross Margin (2021-2026)
- 4.10.4 Windar Photonics Product Portfolio
- 4.10.5 Windar Photonics Recent Developments

4.11 Mitsubishi Electric

- 4.11.1 Mitsubishi Electric Weather Lidar Company Information
- 4.11.2 Mitsubishi Electric Weather Lidar Business Overview
- 4.11.3 Mitsubishi Electric Weather Lidar Production, Value and Gross Margin (2021-2026)
- 4.11.4 Mitsubishi Electric Product Portfolio
- 4.11.5 Mitsubishi Electric Recent Developments

4.12 Everise Technology

- 4.12.1 Everise Technology Weather Lidar Company Information
- 4.12.2 Everise Technology Weather Lidar Business Overview
- 4.12.3 Everise Technology Weather Lidar Production, Value and Gross Margin (2021-2026)
- 4.12.4 Everise Technology Product Portfolio
- 4.12.5 Everise Technology Recent Developments

5 Global Weather Lidar Production by Region

- 5.1 Global Weather Lidar Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 5.2 Global Weather Lidar Production by Region: 2021-2032
 - 5.2.1 Global Weather Lidar Production by Region: 2021-2026
 - 5.2.2 Global Weather Lidar Production Forecast by Region (2027-2032)
- 5.3 Global Weather Lidar Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 5.4 Global Weather Lidar Production Value by Region: 2021-2032
 - 5.4.1 Global Weather Lidar Production Value by Region: 2021-2026
 - 5.4.2 Global Weather Lidar Production Value Forecast by Region (2027-2032)
- 5.5 Global Weather Lidar Market Price Analysis by Region (2021-2026)
- 5.6 Global Weather Lidar Production and Value, YOY Growth
 - 5.6.1 North America Weather Lidar Production Value Estimates and Forecasts (2021-2032)
 - 5.6.2 Europe Weather Lidar Production Value Estimates and Forecasts (2021-2032)
 - 5.6.3 China Weather Lidar Production Value Estimates and Forecasts (2021-2032)
 - 5.6.4 Japan Weather Lidar Production Value Estimates and Forecasts (2021-2032)
 - 5.6.5 South Korea Weather Lidar Production Value Estimates and Forecasts (2021-2032)

6 Global Weather Lidar Consumption by Region

- 6.1 Global Weather Lidar Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 6.2 Global Weather Lidar Consumption by Region (2021-2032)
 - 6.2.1 Global Weather Lidar Consumption by Region: 2021-2026
 - 6.2.2 Global Weather Lidar Forecasted Consumption by Region (2027-2032)
- 6.3 North America
 - 6.3.1 North America Weather Lidar Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
 - 6.3.2 North America Weather Lidar Consumption by Country (2021-2032)
 - 6.3.3 United States
 - 6.3.4 Canada
 - 6.3.5 Mexico
- 6.4 Europe
 - 6.4.1 Europe Weather Lidar Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
 - 6.4.2 Europe Weather Lidar Consumption by Country (2021-2032)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.4.8 Spain

6.4.9 Netherlands

6.4.10 Switzerland

6.4.11 Sweden

6.4.12 Poland

6.5 Asia Pacific

6.5.1 Asia Pacific Weather Lidar Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.5.2 Asia Pacific Weather Lidar Consumption by Country (2021-2032)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 India

6.5.7 Australia

6.5.8 Taiwan

6.5.9 Southeast Asia

6.6 South America, Middle East & Africa

6.6.1 South America, Middle East & Africa Weather Lidar Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.6.2 South America, Middle East & Africa Weather Lidar Consumption by Country (2021-2032)

6.6.3 Brazil

6.6.4 Argentina

6.6.5 Chile

6.6.6 Turkey

6.6.7 GCC Countries

7 Segment by Type

7.1 Global Weather Lidar Production by Type (2021-2032)

7.1.1 Global Weather Lidar Production by Type (2021-2032) & (k units)

7.1.2 Global Weather Lidar Production Market Share by Type (2021-2032)

7.2 Global Weather Lidar Production Value by Type (2021-2032)

7.2.1 Global Weather Lidar Production Value by Type (2021-2032) & (US\$ Million)

7.2.2 Global Weather Lidar Production Value Market Share by Type (2021-2032)

7.3 Global Weather Lidar Price by Type (2021-2032)

8 Segment by Application

8.1 Global Weather Lidar Production by Application (2021-2032)

8.1.1 Global Weather Lidar Production by Application (2021-2032) & (k units)

8.1.2 Global Weather Lidar Production Market Share by Application (2021-2032)

8.2 Global Weather Lidar Production Value by Application (2021-2032)

8.2.1 Global Weather Lidar Production Value by Application (2021-2032) & (US\$ Million)

8.2.2 Global Weather Lidar Production Value Market Share by Application (2021-2032)

8.3 Global Weather Lidar Price by Application (2021-2032)

9 Value Chain and Sales Channels Analysis of the Market

9.1 Weather Lidar Value Chain Analysis

9.1.1 Weather Lidar Key Raw Materials

- 9.1.2 Raw Materials Key Suppliers
- 9.1.3 Weather Lidar Production Mode & Process
- 9.2 Weather Lidar Sales Channels Analysis
 - 9.2.1 Direct Comparison with Distribution Share
 - 9.2.2 Weather Lidar Distributors
 - 9.2.3 Weather Lidar Customers

10 Global Weather Lidar Analyzing Market Dynamics

- 10.1 Weather Lidar Industry Trends
- 10.2 Weather Lidar Industry Drivers
- 10.3 Weather Lidar Industry Opportunities and Challenges
- 10.4 Weather Lidar Industry Restraints

11 Report Conclusion

12 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Weather Lidar Production by Manufacturers (k units) & (2021-2026)
- Table 6: Global Weather Lidar Production Market Share by Manufacturers
- Table 7: Global Weather Lidar Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Weather Lidar Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Weather Lidar Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global Weather Lidar Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Weather Lidar Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Weather Lidar Manufacturers, Product Type & Application
- Table 13: Global Weather Lidar Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Weather Lidar by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: Vaisala Company Information
- Table 18: Vaisala Business Overview
- Table 19: Vaisala Weather Lidar Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 20: Vaisala Weather Lidar Product Portfolio
- Table 21: Vaisala Recent Development
- Table 22: Movelaser Company Information
- Table 23: Movelaser Business Overview
- Table 24: Movelaser Weather Lidar Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 25: Movelaser Weather Lidar Product Portfolio
- Table 26: Movelaser Recent Development
- Table 27: ZX Lidars Company Information
- Table 28: ZX Lidars Business Overview
- Table 29: ZX Lidars Weather Lidar Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 30: ZX Lidars Weather Lidar Product Portfolio
- Table 31: ZX Lidars Recent Development
- Table 32: John Wood Group Company Information
- Table 33: John Wood Group Business Overview
- Table 34: John Wood Group Weather Lidar Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 35: John Wood Group Weather Lidar Product Portfolio
- Table 36: John Wood Group Recent Development
- Table 37: Lockheed Martin Company Information
- Table 38: Lockheed Martin Business Overview
- Table 39: Lockheed Martin Weather Lidar Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 40: Lockheed Martin Weather Lidar Product Portfolio
- Table 41: Lockheed Martin Recent Development
- Table 42: Qingdao Leice Transient Technology Company Information
- Table 43: Qingdao Leice Transient Technology Business Overview
- Table 44: Qingdao Leice Transient Technology Weather Lidar Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 45: Qingdao Leice Transient Technology Weather Lidar Product Portfolio
- Table 46: Qingdao Leice Transient Technology Recent Development
- Table 47: Huahang Seaglet Company Information
- Table 48: Huahang Seaglet Business Overview
- Table 49: Huahang Seaglet Weather Lidar Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 50: Huahang Seaglet Weather Lidar Product Portfolio
- Table 51: Huahang Seaglet Recent Development

- Table 52: Lumibird Company Information
- Table 53: Lumibird Business Overview
- Table 54: Lumibird Weather Lidar Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 55: Lumibird Weather Lidar Product Portfolio
- Table 56: Lumibird Recent Development
- Table 57: Landun Photoelectron Company Information
- Table 58: Landun Photoelectron Business Overview
- Table 59: Landun Photoelectron Weather Lidar Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 60: Landun Photoelectron Weather Lidar Product Portfolio
- Table 61: Landun Photoelectron Recent Development
- Table 62: Windar Photonics Company Information
- Table 63: Windar Photonics Business Overview
- Table 64: Windar Photonics Weather Lidar Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 65: Windar Photonics Weather Lidar Product Portfolio
- Table 66: Windar Photonics Recent Development
- Table 67: Mitsubishi Electric Company Information
- Table 68: Mitsubishi Electric Business Overview
- Table 69: Mitsubishi Electric Weather Lidar Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 70: Mitsubishi Electric Weather Lidar Product Portfolio
- Table 71: Mitsubishi Electric Recent Development
- Table 72: Everise Technology Company Information
- Table 73: Everise Technology Business Overview
- Table 74: Everise Technology Weather Lidar Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 75: Everise Technology Weather Lidar Product Portfolio
- Table 76: Everise Technology Recent Development
- Table 77: Global Weather Lidar Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 78: Global Weather Lidar Production by Region (2021-2026) & (k units)
- Table 79: Global Weather Lidar Production Market Share by Region (2021-2026)
- Table 80: Global Weather Lidar Production Forecast by Region (2027-2032) & (k units)
- Table 81: Global Weather Lidar Production Market Share Forecast by Region (2027-2032)
- Table 82: Global Weather Lidar Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 83: Global Weather Lidar Production Value by Region (2021-2026) & (US\$ Million)
- Table 84: Global Weather Lidar Production Value Market Share by Region (2021-2026)
- Table 85: Global Weather Lidar Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 86: Global Weather Lidar Market Average Price (USD/unit) by Region (2021-2026)
- Table 87: Global Weather Lidar Market Average Price (USD/unit) by Region (2027-2032)
- Table 88: Global Weather Lidar Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 89: Global Weather Lidar Consumption by Region (2021-2026) & (k units)
- Table 90: Global Weather Lidar Consumption Market Share by Region (2021-2026)
- Table 91: Global Weather Lidar Forecasted Consumption by Region (2027-2032) & (k units)
- Table 92: Global Weather Lidar Forecasted Consumption Market Share by Region (2027-2032)
- Table 93: North America Weather Lidar Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 94: North America Weather Lidar Consumption by Country (2021-2026) & (k units)
- Table 95: North America Weather Lidar Consumption by Country (2027-2032) & (k units)
- Table 96: Europe Weather Lidar Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 97: Europe Weather Lidar Consumption by Country (2021-2026) & (k units)
- Table 98: Europe Weather Lidar Consumption by Country (2027-2032) & (k units)
- Table 99: Asia Pacific Weather Lidar Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 100: Asia Pacific Weather Lidar Consumption by Country (2021-2026) & (k units)
- Table 101: Asia Pacific Weather Lidar Consumption by Country (2027-2032) & (k units)
- Table 102: South America, Middle East & Africa Weather Lidar Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 103: South America, Middle East & Africa Weather Lidar Consumption by Country (2021-2026) & (k units)
- Table 104: South America, Middle East & Africa Weather Lidar Consumption by Country (2027-2032) & (k units)
- Table 105: Global Weather Lidar Production by Type (2021-2026) & (k units)
- Table 106: Global Weather Lidar Production by Type (2027-2032) & (k units)
- Table 107: Global Weather Lidar Production Market Share by Type (2021-2026)
- Table 108: Global Weather Lidar Production Market Share by Type (2027-2032)
- Table 109: Global Weather Lidar Production Value by Type (2021-2026) & (US\$ Million)
- Table 110: Global Weather Lidar Production Value by Type (2027-2032) & (US\$ Million)
- Table 111: Global Weather Lidar Production Value Market Share by Type (2021-2026)

- Table 112: Global Weather Lidar Production Value Market Share by Type (2027-2032)
- Table 113: Global Weather Lidar Price by Type (2021-2026) & (USD/unit)
- Table 114: Global Weather Lidar Price by Type (2027-2032) & (USD/unit)
- Table 115: Global Weather Lidar Production by Application (2021-2026) & (k units)
- Table 116: Global Weather Lidar Production by Application (2027-2032) & (k units)
- Table 117: Global Weather Lidar Production Market Share by Application (2021-2026)
- Table 118: Global Weather Lidar Production Market Share by Application (2027-2032)
- Table 119: Global Weather Lidar Production Value by Application (2021-2026) & (US\$ Million)
- Table 120: Global Weather Lidar Production Value by Application (2027-2032) & (US\$ Million)
- Table 121: Global Weather Lidar Production Value Market Share by Application (2021-2026)
- Table 122: Global Weather Lidar Production Value Market Share by Application (2027-2032)
- Table 123: Global Weather Lidar Price by Application (2021-2026) & (USD/unit)
- Table 124: Global Weather Lidar Price by Application (2027-2032) & (USD/unit)
- Table 125: Key Raw Materials
- Table 126: Raw Materials Key Suppliers
- Table 127: Weather Lidar Distributors List
- Table 128: Weather Lidar Customers List
- Table 129: Weather Lidar Industry Trends
- Table 130: Weather Lidar Industry Drivers
- Table 131: Weather Lidar Industry Restraints
- Table 132: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Weather Lidar Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Nacelle Lidar Product Image
- Figure 7: Ground-based Lidar Product Image
- Figure 8: Others Product Image
- Figure 9: Meteorology & Environmental Product Image
- Figure 10: Aviation Safety Product Image
- Figure 11: Military Product Image
- Figure 12: Global Weather Lidar Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 13: Global Weather Lidar Production Value (2021-2032) & (US\$ Million)
- Figure 14: Global Weather Lidar Production Capacity (2021-2032) & (k units)
- Figure 15: Global Weather Lidar Production (2021-2032) & (k units)
- Figure 16: Global Weather Lidar Average Price (USD/unit) & (2021-2032)
- Figure 17: Global Weather Lidar Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 18: Global Top 5 and 10 Weather Lidar Players Market Share by Production Value in 2025
- Figure 19: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 20: Global Weather Lidar Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 21: Global Weather Lidar Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 22: Global Weather Lidar Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 23: Global Weather Lidar Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 24: North America Weather Lidar Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 25: Europe Weather Lidar Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 26: China Weather Lidar Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 27: Japan Weather Lidar Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: South Korea Weather Lidar Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 29: Global Weather Lidar Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 30: Global Weather Lidar Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 31: North America Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 32: North America Weather Lidar Consumption Market Share by Country (2021-2032)
- Figure 33: United States Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 34: United States Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 35: Canada Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 36: Mexico Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 37: Europe Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 38: Europe Weather Lidar Consumption Market Share by Country (2021-2032)
- Figure 39: Germany Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 40: France Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)

- Figure 41: U.K. Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 42: Italy Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 43: Russia Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 44: Spain Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 45: Netherlands Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 46: Switzerland Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 47: Sweden Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 48: Poland Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 49: Asia Pacific Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 50: Asia Pacific Weather Lidar Consumption Market Share by Country (2021-2032)
- Figure 51: China Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 52: Japan Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 53: South Korea Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 54: India Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: Australia Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 56: Taiwan Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: Southeast Asia Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 58: South America, Middle East & Africa Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 59: South America, Middle East & Africa Weather Lidar Consumption Market Share by Country (2021-2032)
- Figure 60: Brazil Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 61: Argentina Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 62: Chile Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 63: Turkey Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 64: GCC Countries Weather Lidar Consumption and Growth Rate (2021-2032) & (k units)
- Figure 65: Global Weather Lidar Production Market Share by Type (2021-2032)
- Figure 66: Global Weather Lidar Production Value Market Share by Type (2021-2032)
- Figure 67: Global Weather Lidar Price (USD/unit) by Type (2021-2032)
- Figure 68: Global Weather Lidar Production Market Share by Application (2021-2032)
- Figure 69: Global Weather Lidar Production Value Market Share by Application (2021-2032)
- Figure 70: Global Weather Lidar Price (USD/unit) by Application (2021-2032)
- Figure 71: Weather Lidar Value Chain
- Figure 72: Weather Lidar Production Mode & Process
- Figure 73: Direct Comparison with Distribution Share
- Figure 74: Distributors Profiles
- Figure 75: Weather Lidar Industry Opportunities and Challenges