

Global Avalanche Radar Market Size study & Forecast, by Type (Long Range, Short Range) by Component (Transmitter, Antennas, Receiver, Display), by End-User (Military and Defense, Government, Weather Monitoring) and Regional Analysis, 2022-2029

<https://marketpublishers.com/r/G1206A71150BEN.html>

Date: March 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G1206A71150BEN

Abstracts

Global Avalanche Radar Market is valued at approximately USD 1.5 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 46.1% over the forecast period 2022-2029. When a layer of snow moves downhill and collapses, it triggers an avalanche. Avalanche Radar is a device that provides early warning or alert of avalanches. This helps in taking necessary precautions to save people in the area. The avalanche radar detects avalanches within 3 seconds of their triggering. Avalanche radar works in all weather conditions during the day as well as at night. A camera that is part of the system is activated by the radar, and the camera automatically takes pictures or videos of the event. The surge in the incidents of avalanches, Rise in global warming, and Rise in deforestation are the factors driving the growth of the market.

According to National Geographic Organisation, about 100,000 avalanches occur every year in the United States and Globally around 150 people are the bait of avalanches every year. According to Erin Duffin (Research Expert), in the last decade, an average of 24 people died due to avalanches each year in the United States. In India, there were around 8 deaths due to avalanches in 2021. Additionally, in 2020, the planet's surface was about 0.98 Celsius degrees warmer than it was on average during the 20th century. Global warming effect the quality of mountain snow covers, which increases the risk of avalanches. The surge in the incidents of avalanches and thereby deaths of persons and the Rise in global warming are the major factors driving the growth of the market. Another important component driving market increase is a rise in deforestation. Furthermore, increasing awareness of avalanche radar and increasing government

initiatives for the installation of avalanche radar are the factors creating major market opportunities in the forecast period. However, the high cost of Avalanche Radar stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Avalanche Radar Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. Europe dominated the market in terms of revenue, owing to the rising number of avalanches and the dominance of key market players in the region. North America is expected to grow with the highest CAGR during the forecast period, owing to factors such as the rising incidence of avalanches and increasing government support regarding the installation of avalanche radar.

Major market player included in this report are:

Geobruugg AG

Wyssen Avalanche Control AG

Geopraevent AG

L.B. Foster Company

Lumentum Holdings Inc.

Hamamatsu Photonics K.K

Renesas Electronics Corporation

Excelitas Technologies Corp.

First Sensor AG

Global Communication Semiconductors

Recent Developments in the Market:

In August 2020, Wyssen Avalanche Control of Switzerland is installing the remotely controlled avalanche mitigation equipment units under the direction of the Avalanche Mitigation Program. The towers will be utilized for the controlled, preventative avalanche triggering at established snow slide pathways in the region.

In September 2022, Avalanche monitoring radar was installed by the government and Indian Army in North Sikkim, India. This can be used to detect landslides in the area.

Global Avalanche Radar Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Type, Component, End-User, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working

hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Type offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Long Range

Short Range

By Component:

Transmitter

Antennas

Receiver

Display

By End-User:

Military and Defense

Government

Weather Monitoring

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. Avalanche Radar Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. Avalanche Radar Market, by Type, 2019-2029 (USD Billion)
 - 1.2.3. Avalanche Radar Market, by Component, 2019-2029 (USD Billion)
 - 1.2.4. Avalanche Radar Market, by End-User, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL AVALANCHE RADAR MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL AVALANCHE RADAR MARKET DYNAMICS

- 3.1. Avalanche Radar Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. The surge in the incidents of avalanches
 - 3.1.1.2. Rise in global warming
 - 3.1.2. Market Challenges
 - 3.1.2.1. High Cost of Avalanche Radar
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Increasing awareness of avalanche radar
 - 3.1.3.2. Increasing government initiatives for the installation of avalanche radar

CHAPTER 4. GLOBAL AVALANCHE RADAR MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers

- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Investment Adoption Model
- 4.5. Analyst Recommendation & Conclusion
- 4.6. Top investment opportunity
- 4.7. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL AVALANCHE RADAR MARKET, BY TYPE

- 6.1. Market Snapshot
- 6.2. Global Avalanche Radar Market by Type, Performance - Potential Analysis
- 6.3. Global Avalanche Radar Market Estimates & Forecasts by Type 2019-2029 (USD Billion)
- 6.4. Avalanche Radar Market, Sub Segment Analysis
 - 6.4.1. Long Range
 - 6.4.2. Short Range

CHAPTER 7. GLOBAL AVALANCHE RADAR MARKET, BY COMPONENT

- 7.1. Market Snapshot
- 7.2. Global Avalanche Radar Market by Component, Performance - Potential Analysis
- 7.3. Global Avalanche Radar Market Estimates & Forecasts by Component 2019-2029 (USD Billion)
- 7.4. Avalanche Radar Market, Sub Segment Analysis
 - 7.4.1. Transmitter
 - 7.4.2. Antennas

7.4.3. Receiver

7.4.4. Display

CHAPTER 8. GLOBAL AVALANCHE RADAR MARKET, BY END-USER

8.1. Market Snapshot

8.2. Global Avalanche Radar Market by End-User, Performance - Potential Analysis

8.3. Global Avalanche Radar Market Estimates & Forecasts by End-User 2019-2029
(USD Billion)

8.4. Avalanche Radar Market, Sub Segment Analysis

8.4.1. Military and Defense

8.4.2. Government

8.4.3. Weather Monitoring

CHAPTER 9. GLOBAL AVALANCHE RADAR MARKET, REGIONAL ANALYSIS

9.1. Avalanche Radar Market, Regional Market Snapshot

9.2. North America Avalanche Radar Market

9.2.1. U.S. Avalanche Radar Market

9.2.1.1. Type breakdown estimates & forecasts, 2019-2029

9.2.1.2. Component breakdown estimates & forecasts, 2019-2029

9.2.1.3. End-User breakdown estimates & forecasts, 2019-2029

9.2.2. Canada Avalanche Radar Market

9.3. Europe Avalanche Radar Market Snapshot

9.3.1. U.K. Avalanche Radar Market

9.3.2. Germany Avalanche Radar Market

9.3.3. France Avalanche Radar Market

9.3.4. Spain Avalanche Radar Market

9.3.5. Italy Avalanche Radar Market

9.3.6. Rest of Europe Avalanche Radar Market

9.4. Asia-Pacific Avalanche Radar Market Snapshot

9.4.1. China Avalanche Radar Market

9.4.2. India Avalanche Radar Market

9.4.3. Japan Avalanche Radar Market

9.4.4. Australia Avalanche Radar Market

9.4.5. South Korea Avalanche Radar Market

9.4.6. Rest of Asia Pacific Avalanche Radar Market

9.5. Latin America Avalanche Radar Market Snapshot

9.5.1. Brazil Avalanche Radar Market

- 9.5.2. Mexico Avalanche Radar Market
- 9.6. Rest of The World Avalanche Radar Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. Geobruigg AG
 - 10.2.1.1. Key Information
 - 10.2.1.2. Overview
 - 10.2.1.3. Financial (Subject to Data Availability)
 - 10.2.1.4. Product Summary
 - 10.2.1.5. Recent Developments
 - 10.2.2. Wyssen Avalanche Control AG
 - 10.2.3. Geopraevent AG
 - 10.2.4. L.B. Foster Company
 - 10.2.5. Lumentum Holdings Inc.
 - 10.2.6. Hamamatsu Photonics K.K
 - 10.2.7. Renesas Electronics Corporation
 - 10.2.8. Excelitas Technologies Corp.
 - 10.2.9. First Sensor AG
 - 10.2.10. Global Communication Semiconductors

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process
 - 11.1.1. Data Mining
 - 11.1.2. Analysis
 - 11.1.3. Market Estimation
 - 11.1.4. Validation
 - 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Avalanche Radar Market, report scope

TABLE 2. Global Avalanche Radar Market estimates & forecasts by Region 2019-2029 (USD Billion)

TABLE 3. Global Avalanche Radar Market estimates & forecasts by Type 2019-2029 (USD Billion)

TABLE 4. Global Avalanche Radar Market estimates & forecasts by Component 2019-2029 (USD Billion)

TABLE 5. Global Avalanche Radar Market estimates & forecasts by End-User 2019-2029 (USD Billion)

TABLE 6. Global Avalanche Radar Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 7. Global Avalanche Radar Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 8. Global Avalanche Radar Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 9. Global Avalanche Radar Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 10. Global Avalanche Radar Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 11. Global Avalanche Radar Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 12. Global Avalanche Radar Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 13. Global Avalanche Radar Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 14. Global Avalanche Radar Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 15. Global Avalanche Radar Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 16. U.S. Avalanche Radar Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 17. U.S. Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 18. U.S. Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 19. Canada Avalanche Radar Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 20. Canada Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. Canada Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 22. UK Avalanche Radar Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 23. UK Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. UK Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 25. Germany Avalanche Radar Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 26. Germany Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. Germany Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 28. France Avalanche Radar Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 29. France Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. France Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 31. Italy Avalanche Radar Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 32. Italy Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Italy Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 34. Spain Avalanche Radar Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 35. Spain Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. Spain Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 37. RoE Avalanche Radar Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 38. RoE Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 39. RoE Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 40. China Avalanche Radar Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 41. China Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. China Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 43. India Avalanche Radar Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 44. India Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. India Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 46. Japan Avalanche Radar Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 47. Japan Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. Japan Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 49. South Korea Avalanche Radar Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 50. South Korea Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. South Korea Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 52. Australia Avalanche Radar Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 53. Australia Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. Australia Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 55. RoAPAC Avalanche Radar Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 56. RoAPAC Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. RoAPAC Avalanche Radar Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 58. Brazil Avalanche Radar Market estimates & forecasts, 2019-2029 (USD

Billion)

TABLE 59. Brazil Avalanche Radar Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 60. Brazil Avalanche Radar Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 61. Mexico Avalanche Radar Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 62. Mexico Avalanche Radar Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 63. Mexico Avalanche Radar Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 64. RoLA Avalanche Radar Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 65. RoLA Avalanche Radar Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 66. RoLA Avalanche Radar Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 67. Row Avalanche Radar Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 68. Row Avalanche Radar Market estimates & forecasts by segment 2019-2029
(USD Billion)

TABLE 69. Row Avalanche Radar Market estimates & forecasts by segment 2019-2029
(USD Billion)

TABLE 70. List of secondary sources, used in the study of global Avalanche Radar
Market

TABLE 71. List of primary sources, used in the study of global Avalanche Radar Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final
deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Avalanche Radar Market, research methodology
 - FIG 2. Global Avalanche Radar Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Avalanche Radar Market, key trends 2021
 - FIG 5. Global Avalanche Radar Market, growth prospects 2022-2029
 - FIG 6. Global Avalanche Radar Market, porters 5 force model
 - FIG 7. Global Avalanche Radar Market, pest analysis
 - FIG 8. Global Avalanche Radar Market, value chain analysis
 - FIG 9. Global Avalanche Radar Market by segment, 2019 & 2029 (USD Billion)
 - FIG 10. Global Avalanche Radar Market by segment, 2019 & 2029 (USD Billion)
 - FIG 11. Global Avalanche Radar Market by segment, 2019 & 2029 (USD Billion)
 - FIG 12. Global Avalanche Radar Market by segment, 2019 & 2029 (USD Billion)
 - FIG 13. Global Avalanche Radar Market by segment, 2019 & 2029 (USD Billion)
 - FIG 14. Global Avalanche Radar Market, regional snapshot 2019 & 2029
 - FIG 15. North America Avalanche Radar Market 2019 & 2029 (USD Billion)
 - FIG 16. Europe Avalanche Radar Market 2019 & 2029 (USD Billion)
 - FIG 17. Asia pacific Avalanche Radar Market 2019 & 2029 (USD Billion)
 - FIG 18. Latin America Avalanche Radar Market 2019 & 2029 (USD Billion)
 - FIG 19. Global Avalanche Radar Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Avalanche Radar Market Size study & Forecast, by Type (Long Range, Short Range) by Component (Transmitter, Antennas, Receiver, Display), by End-User (Military and Defense, Government, Weather Monitoring) and Regional Analysis, 2022-2029

Product link: <https://marketpublishers.com/r/G1206A71150BEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G1206A71150BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970