

Global Submarine Sensor Market Size study & Forecast, by Submarine Type (Diesel Electric Submarine (SSK), Nuclear-Powered Attack submarine (SSN), Ballistic Missile Submarines (SSBN)) By Technology (CMOS, MEMS, NEMS, Others) and Regional Analysis, 2022-2029

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Abstracts

Global Submarine Sensor Market is valued at approximately USD 275.06 million in 2021 and is anticipated to grow with a healthy growth rate of more than 3.6% over the forecast period 2022-2029. A submarine sensor is a device used to detect and measure physical phenomena such as sound, light, pressure, and magnetic fields in the underwater environment. The Submarine Sensor market is expanding because of factors such as the increasing number of attacks and the growing usage of submarines for surveillance.

Submarine sensors can identify and evaluate existing signals, as well as be effective in emitting their own signals and analyzing the returned signals. Its prevalence has progressively increased during the last few decades. According to the Statista, The United States Navy had 49 Nuclear Attack Submarines and 11 aircraft carriers at their disposal in fiscal year 2023. In that fiscal year, the US Navy had 285 battle force ships at its disposal. Furthermore, in 2021, the type of ship most attacked by pirates was a bulk carrier. That year, there were 47 attacks on bulk carriers recorded. Product tankers were targeted by pirates 20 times and container ships 30 times. Another important component driving space increase is the usage of submarines for surveillance. As per Statista, in 2022, NATO countries were estimated to have 2,049 military ships under the command of the alliance's armed forces.. In addition, as of 2023, with nearly 600 vessels, the fleet strength of Russia, out of which 70 were submarines. Also, increasing

investments by the defense sectors and rising technological advancement in Submarine would create a lucrative growth prospectus for the market over the forecast period. However, the high cost of Submarine Sensors stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Submarine Sensor Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the presence of key market players in the region. According to Statista, the United States led the ranking of countries with the highest military spending in 2021, with USD 801 billion dedicated to the military. That constituted 38% of the total military spending worldwide. Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as rising conflicts and diplomacy among neighboring countries and active participation of government organizations in the market space.

Major market player included in this report are:

Ducommun Incorporated
Leonardo DRS
Thales Group
Safran Electronics and Defense
Harris Corporation
Raytheon Technologies Corporation
Atlas Elektronik GmbH
L3 Technologies Inc
Northrop Grumman Corporation
RADA Electronic Industries Ltd

Recent Developments in the Market:

In October 2022, Thales introduced thermal imaging sensors with the new HD Minerva, which are an essential component of Driver Vision Enhancement and Situational Awareness systems. Offering exceptional sensitivity, image quality, and spatial awareness to strategic and combat vehicle drivers.

Global Submarine Sensor 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 Submarine Type, Technology, 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 product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Submarine Type

Diesel Electric Submarine (SSK)

Nuclear-Powered Attack submarine (SSN)

Ballistic Missile Submarines (SSBN)

By Technology

CMOS

MEMS

NEMS

Others

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
RoLA
Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Million)
 - 1.2.1. Submarine Sensor Market, by Region, 2019-2029 (USD Million)
 - 1.2.2. Submarine Sensor Market, by Submarine Type, 2019-2029 (USD Million)
 - 1.2.3. Submarine Sensor Market, by Technology, 2019-2029 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL SUBMARINE SENSOR 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 SUBMARINE SENSOR MARKET DYNAMICS

- 3.1. Submarine Sensor Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing number of attacks
 - 3.1.1.2. Growing usage of submarines for surveillance.
 - 3.1.2. Market Challenges
 - 3.1.2.1. High Cost of Submarine Sensor
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Increasing investments by the defense sectors
 - 3.1.3.2. Rising technological advancement in Submarine

CHAPTER 4. GLOBAL SUBMARINE SENSOR 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. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. Industry Experts Prospective
- 4.7. Analyst Recommendation & Conclusion

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 SUBMARINE SENSOR MARKET, BY SUBMARINE TYPE

- 6.1. Market Snapshot
- 6.2. Global Submarine Sensor Market by Submarine Type, Performance - Potential Analysis
- 6.3. Global Submarine Sensor Market Estimates & Forecasts by Submarine Type 2019-2029 (USD Million)
- 6.4. Submarine Sensor Market, Sub Segment Analysis
 - 6.4.1. Diesel Electric Submarine (SSK)
 - 6.4.2. Nuclear-Powered Attack submarine (SSN)
 - 6.4.3. Ballistic Missile Submarines (SSBN)

CHAPTER 7. GLOBAL SUBMARINE SENSOR MARKET, BY TECHNOLOGY

- 7.1. Market Snapshot
- 7.2. Global Submarine Sensor Market by Technology, Performance - Potential Analysis
- 7.3. Global Submarine Sensor Market Estimates & Forecasts by Technology 2019-2029 (USD Million)
- 7.4. Submarine Sensor Market, Sub Segment Analysis
 - 7.4.1. CMOS

- 7.4.2. MEMS
- 7.4.3. NEMS
- 7.4.4. Others

CHAPTER 8. GLOBAL SUBMARINE SENSOR MARKET, REGIONAL ANALYSIS

- 8.1. Submarine Sensor Market, Regional Market Snapshot
- 8.2. North America Submarine Sensor Market
 - 8.2.1. U.S. Submarine Sensor Market
 - 8.2.1.1. Submarine Type breakdown estimates & forecasts, 2019-2029
 - 8.2.1.2. Technology breakdown estimates & forecasts, 2019-2029
 - 8.2.2. Canada Submarine Sensor Market
- 8.3. Europe Submarine Sensor Market Snapshot
 - 8.3.1. U.K. Submarine Sensor Market
 - 8.3.2. Germany Submarine Sensor Market
 - 8.3.3. France Submarine Sensor Market
 - 8.3.4. Spain Submarine Sensor Market
 - 8.3.5. Italy Submarine Sensor Market
 - 8.3.6. Rest of Europe Submarine Sensor Market
- 8.4. Asia-Pacific Submarine Sensor Market Snapshot
 - 8.4.1. China Submarine Sensor Market
 - 8.4.2. India Submarine Sensor Market
 - 8.4.3. Japan Submarine Sensor Market
 - 8.4.4. Australia Submarine Sensor Market
 - 8.4.5. South Korea Submarine Sensor Market
 - 8.4.6. Rest of Asia Pacific Submarine Sensor Market
- 8.5. Latin America Submarine Sensor Market Snapshot
 - 8.5.1. Brazil Submarine Sensor Market
 - 8.5.2. Mexico Submarine Sensor Market
 - 8.5.3. Rest of Latin America Submarine Sensor Market
- 8.6. Rest of The World Submarine Sensor Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Top Market Strategies
- 9.2. Company Profiles
 - 9.2.1. Ducommun Incorporated
 - 9.2.1.1. Key Information
 - 9.2.1.2. Overview

- 9.2.1.3. Financial (Subject to Data Availability)
- 9.2.1.4. Product Summary
- 9.2.1.5. Recent Developments
- 9.2.2. Leonardo DRS,
- 9.2.3. Thales Group,
- 9.2.4. Safran Electronics and Defense,
- 9.2.5. Harris Corporation,
- 9.2.6. Raytheon Technologies Corporation
- 9.2.7. Atlas Elektronik GmbH,
- 9.2.8. L3 Technologies Inc.,
- 9.2.9. Northrop Grumman Corporation
- 9.2.10. RADA Electronic Industries Ltd

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Submarine Sensor Market, report scope

TABLE 2. Global Submarine Sensor Market estimates & forecasts by Region
2019-2029 (USD Million)

TABLE 3. Global Submarine Sensor Market estimates & forecasts by Submarine Type
2019-2029 (USD Million)

TABLE 4. Global Submarine Sensor Market estimates & forecasts by Technology
2019-2029 (USD Million)

TABLE 5. Global Submarine Sensor Market by segment, estimates & forecasts,
2019-2029 (USD Million)

TABLE 6. Global Submarine Sensor Market by region, estimates & forecasts,
2019-2029 (USD Million)

TABLE 7. Global Submarine Sensor Market by segment, estimates & forecasts,
2019-2029 (USD Million)

TABLE 8. Global Submarine Sensor Market by region, estimates & forecasts,
2019-2029 (USD Million)

TABLE 9. Global Submarine Sensor Market by segment, estimates & forecasts,
2019-2029 (USD Million)

TABLE 10. Global Submarine Sensor Market by region, estimates & forecasts,
2019-2029 (USD Million)

TABLE 11. Global Submarine Sensor Market by segment, estimates & forecasts,
2019-2029 (USD Million)

TABLE 12. Global Submarine Sensor Market by region, estimates & forecasts,
2019-2029 (USD Million)

TABLE 13. Global Submarine Sensor Market by segment, estimates & forecasts,
2019-2029 (USD Million)

TABLE 14. Global Submarine Sensor Market by region, estimates & forecasts,
2019-2029 (USD Million)

TABLE 15. U.S. Submarine Sensor Market estimates & forecasts, 2019-2029 (USD
Million)

TABLE 16. U.S. Submarine Sensor Market estimates & forecasts by segment
2019-2029 (USD Million)

TABLE 17. U.S. Submarine Sensor Market estimates & forecasts by segment
2019-2029 (USD Million)

TABLE 18. Canada Submarine Sensor Market estimates & forecasts, 2019-2029 (USD
Million)

TABLE 19. Canada Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 20. Canada Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 21. UK Submarine Sensor Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 22. UK Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 23. UK Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 24. Germany Submarine Sensor Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 25. Germany Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 26. Germany Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 27. France Submarine Sensor Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 28. France Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 29. France Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 30. Italy Submarine Sensor Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 31. Italy Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 32. Italy Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 33. Spain Submarine Sensor Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 34. Spain Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 35. Spain Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 36. RoE Submarine Sensor Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 37. RoE Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 38. RoE Submarine Sensor Market estimates & forecasts by segment

2019-2029 (USD Million)

TABLE 39. China Submarine Sensor Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 40. China Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 41. China Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 42. India Submarine Sensor Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 43. India Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 44. India Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 45. Japan Submarine Sensor Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 46. Japan Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 47. Japan Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 48. South Korea Submarine Sensor Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 49. South Korea Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 50. South Korea Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 51. Australia Submarine Sensor Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 52. Australia Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 53. Australia Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 54. RoAPAC Submarine Sensor Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 55. RoAPAC Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 56. RoAPAC Submarine Sensor Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 57. Brazil Submarine Sensor Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 58. Brazil Submarine Sensor Market estimates & forecasts by segment
2019-2029 (USD Million)

TABLE 59. Brazil Submarine Sensor Market estimates & forecasts by segment
2019-2029 (USD Million)

TABLE 60. Mexico Submarine Sensor Market estimates & forecasts, 2019-2029 (USD
Million)

TABLE 61. Mexico Submarine Sensor Market estimates & forecasts by segment
2019-2029 (USD Million)

TABLE 62. Mexico Submarine Sensor Market estimates & forecasts by segment
2019-2029 (USD Million)

TABLE 63. RoLA Submarine Sensor Market estimates & forecasts, 2019-2029 (USD
Million)

TABLE 64. RoLA Submarine Sensor Market estimates & forecasts by segment
2019-2029 (USD Million)

TABLE 65. RoLA Submarine Sensor Market estimates & forecasts by segment
2019-2029 (USD Million)

TABLE 66. Row Submarine Sensor Market estimates & forecasts, 2019-2029 (USD
Million)

TABLE 67. Row Submarine Sensor Market estimates & forecasts by segment
2019-2029 (USD Million)

TABLE 68. Row Submarine Sensor Market estimates & forecasts by segment
2019-2029 (USD Million)

TABLE 69. List of secondary sources, used in the study of global Submarine Sensor
Market

TABLE 70. List of primary sources, used in the study of global Submarine Sensor
Market

TABLE 71. Years considered for the study

TABLE 72. 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 Submarine Sensor Market, research methodology
 - FIG 2. Global Submarine Sensor Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Submarine Sensor Market, key trends 2021
 - FIG 5. Global Submarine Sensor Market, growth prospects 2022-2029
 - FIG 6. Global Submarine Sensor Market, porters 5 force model
 - FIG 7. Global Submarine Sensor Market, pest analysis
 - FIG 8. Global Submarine Sensor Market, value chain analysis
 - FIG 9. Global Submarine Sensor Market by segment, 2019 & 2029 (USD Million)
 - FIG 10. Global Submarine Sensor Market by segment, 2019 & 2029 (USD Million)
 - FIG 11. Global Submarine Sensor Market by segment, 2019 & 2029 (USD Million)
 - FIG 12. Global Submarine Sensor Market by segment, 2019 & 2029 (USD Million)
 - FIG 13. Global Submarine Sensor Market by segment, 2019 & 2029 (USD Million)
 - FIG 14. Global Submarine Sensor Market, regional snapshot 2019 & 2029
 - FIG 15. North America Submarine Sensor Market 2019 & 2029 (USD Million)
 - FIG 16. Europe Submarine Sensor Market 2019 & 2029 (USD Million)
 - FIG 17. Asia pacific Submarine Sensor Market 2019 & 2029 (USD Million)
 - FIG 18. Latin America Submarine Sensor Market 2019 & 2029 (USD Million)
 - FIG 19. Global Submarine Sensor Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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