

# Global Underwater Acoustic Modem Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Underwater Acoustic Modem market size was valued at USD 55 million in 2023 and is forecast to a readjusted size of USD 109.7 million by 2030 with a CAGR of 10.3% during review period.

A modem is a device that modulates one or more wave signals to encode digital information for transmission. It demodulates signals to decode the transmitted information. The objective is to generate a signal that can be transmitted and decoded easily to reproduce the original data. Modems are used with any means of transmitting analog signals, from RF to microwaves to LEDs.

The increasing adoption of underwater acoustic modems in naval defense to support communication system is one of the primary growth factors for this market. These systems are used in applications such as submarine communications; diver communications; and remote underwater monitoring, command, and control. The focus of the developed countries towards strengthening their naval defense force is estimated to increase the applications of the defense acoustic modems.

The Global Info Research report includes an overview of the development of the Underwater Acoustic Modem industry chain, the market status of Submarine Communications (Shallow Water (Up to 350 Meters), Medium Range (Up to 1500 Meters)), Submarine Wireless Command and Control (Shallow Water (Up to 350 Meters), Medium Range (Up to 1500 Meters)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Underwater Acoustic Modem.

Regionally, the report analyzes the Underwater Acoustic Modem markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Underwater Acoustic Modem market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Underwater Acoustic Modem market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Underwater Acoustic Modem industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Shallow Water (Up to 350 Meters), Medium Range (Up to 1500 Meters)).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Underwater Acoustic Modem market.

**Regional Analysis:** The report involves examining the Underwater Acoustic Modem market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Underwater Acoustic Modem market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Underwater Acoustic Modem:

**Company Analysis:** Report covers individual Underwater Acoustic Modem manufacturers, suppliers, and other relevant industry players. This analysis includes

studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Underwater Acoustic Modem. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Submarine Communications, Submarine Wireless Command and Control).

**Technology Analysis:** Report covers specific technologies relevant to Underwater Acoustic Modem. It assesses the current state, advancements, and potential future developments in Underwater Acoustic Modem areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Underwater Acoustic Modem market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Underwater Acoustic Modem market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Shallow Water (Up to 350 Meters)

Medium Range (Up to 1500 Meters)

Long Range (Up to 6000 Meters)

Full Ocean Range (Up to 10000 Meters)

### Market segment by Application

Submarine Communications

Submarine Wireless Command and Control

Submarine Data and File Transfer

Others

#### Major players covered

EvoLogics

Teledyne Marine

L-3 Oceania

DSPComm

Ocean Innovations

LinkQuest

Nortek

Aquatic Sensor Network Technology (AquaSeNT)

Sonardyne

Sea-Eye Underwater

#### Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Underwater Acoustic Modem product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Underwater Acoustic Modem, with price, sales, revenue and global market share of Underwater Acoustic Modem from 2019 to 2024.

Chapter 3, the Underwater Acoustic Modem competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Underwater Acoustic Modem breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Underwater Acoustic Modem market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Underwater Acoustic Modem.

Chapter 14 and 15, to describe Underwater Acoustic Modem sales channel, distributors,

customers, research findings and conclusion.

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