

Global Voyage Data Recorders (VDR) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/GA056F7C5121EN.html>

Date: January 2024

Pages: 115

Price: US\$ 3,480.00 (Single User License)

ID: GA056F7C5121EN

Abstracts

According to our (Global Info Research) latest study, the global Voyage Data Recorders (VDR) market size was valued at USD 889 million in 2023 and is forecast to a readjusted size of USD 988.8 million by 2030 with a CAGR of 1.5% during review period.

Voyage data recorder, or VDR, is a data recording system designed for all vessels required to comply with the IMO's International Convention SOLAS Requirements (IMO Res A861(20)) in order to collect data from various sensors on board the vessel. It then digitizes, compresses and stores this information in an externally mounted protective storage unit. The protective storage unit is a tamper-proof unit designed to withstand the extreme shock, impact, pressure and heat, which could be associated with a marine incident (fire, explosion, collision, sinking, etc.).

Global Voyage Data Recorders (VDR) key players include Japan Radio Co, Furuno, Orolia Maritime, Danelec Marine, Interschalt Maritime Systems, etc. Global top five players hold a share about 60%.

Europe is the largest market, with a share about 35%, followed by China and Japan, having a total share about 45 percent.

In terms of product, General Voyage Data Recorder is the largest segment, with a share about 60%. And in terms of application, the largest application is Cargo Ship, followed by Cargo Ship, Naval Ship, etc.

The Global Info Research report includes an overview of the development of the

Voyage Data Recorders (VDR) industry chain, the market status of Passenger Ship (General Voyage Data Recorder, Simplified Voyage Data Recorder), Cargo Ship (General Voyage Data Recorder, Simplified Voyage Data Recorder), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Voyage Data Recorders (VDR).

Regionally, the report analyzes the Voyage Data Recorders (VDR) 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 Voyage Data Recorders (VDR) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Voyage Data Recorders (VDR) 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 Voyage Data Recorders (VDR) 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 (Units), revenue generated, and market share of different by Type (e.g., General Voyage Data Recorder, Simplified Voyage Data Recorder).

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 Voyage Data Recorders (VDR) market.

Regional Analysis: The report involves examining the Voyage Data Recorders (VDR) 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 Voyage Data Recorders (VDR) market. This may include estimating market growth rates, predicting market demand, and identifying

emerging trends.

The report also involves a more granular approach to Voyage Data Recorders (VDR):

Company Analysis: Report covers individual Voyage Data Recorders (VDR) 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 Voyage Data Recorders (VDR). This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Passenger Ship, Cargo Ship).

Technology Analysis: Report covers specific technologies relevant to Voyage Data Recorders (VDR). It assesses the current state, advancements, and potential future developments in Voyage Data Recorders (VDR) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Voyage Data Recorders (VDR) 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

Voyage Data Recorders (VDR) 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

General Voyage Data Recorder

Simplified Voyage Data Recorder

Market segment by Application

Passenger Ship

Cargo Ship

Naval Ship

Others

Major players covered

Japan Radio Co

Furuno

Navis

Consilium

L-3 Communications

Wartsila SAM Electronics

Kongsberg Maritime

Beijing Highlander

Raytheon Anschutz

Danelec Marine

Kelvin Hughes

Maretron

Market segment by region, regional analysis covers

Global Voyage Data Recorders (VDR) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 20...

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 Voyage Data Recorders (VDR) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Voyage Data Recorders (VDR), with price, sales, revenue and global market share of Voyage Data Recorders (VDR) from 2019 to 2024.

Chapter 3, the Voyage Data Recorders (VDR) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Voyage Data Recorders (VDR) 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 Voyage Data Recorders (VDR) 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 Voyage Data Recorders (VDR).

Chapter 14 and 15, to describe Voyage Data Recorders (VDR) sales channel, distributors, customers, research findings and conclusion.

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