

Global Unattended Ground Sensor 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 Unattended Ground Sensor market size was valued at USD 2146.4 million in 2023 and is forecast to a readjusted size of USD 2920.5 million by 2030 with a CAGR of 4.5% during review period.

The UGS (Unattended Ground Sensor) systems employ various sensor modalities including seismic, acoustic, magnetic, and pyroelectric transducers, daylight imagers and passive infrared imagers to automatically detect the presence of persons or vehicles, and transmit activity reports or imagery via radio-frequency (RF) or satellite communications (SATCOM) links to a remote processing, exploitation, and dissemination (PED) station. The systems are packaged for concealed emplacement in the field and for long-duration unattended operation.

The unattended ground sensor (UGS) is under development as part of the United States Army's Future Combat Systems Program.

Global Unattended Ground Sensor key players include Harris, Northrop Grumman, ARA, Textron Systems, etc. Global top four manufacturers hold a share over 40%.

North America is the largest market, with a share about 40%, followed by Europe, and Asia Pacific, both have a share about 50 percent.

In terms of product, Seismic UGS is the largest segment, with a share over 35%. And in terms of application, the largest application is Military Use, followed by Civil Use.

The Global Info Research report includes an overview of the development of the Unattended Ground Sensor industry chain, the market status of Military Use (Seismic UGS, Acoustic UGS), Civil Use (Seismic UGS, Acoustic UGS), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Unattended Ground Sensor.

Regionally, the report analyzes the Unattended Ground Sensor 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 Unattended Ground Sensor market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Unattended Ground Sensor 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 Unattended Ground Sensor 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., Seismic UGS, Acoustic UGS).

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 Unattended Ground Sensor market.

Regional Analysis: The report involves examining the Unattended Ground Sensor 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 Unattended Ground Sensor market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Unattended Ground Sensor:

Company Analysis: Report covers individual Unattended Ground Sensor 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 Unattended Ground Sensor. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Military Use, Civil Use).

Technology Analysis: Report covers specific technologies relevant to Unattended Ground Sensor. It assesses the current state, advancements, and potential future developments in Unattended Ground Sensor areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Unattended Ground Sensor 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

Unattended Ground Sensor 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

Seismic UGS

Acoustic UGS

Magnetic UGS

Infrared UGS

Others

Market segment by Application

Military Use

Civil Use

Major players covered

Harris

Northrop Grumman

ARA

Textron Systems

L-3

Thales

Cobham (Micromill)

Ferranti

McQ

Quantum

Exensor Technology

PrustHolding

Qual-Tron

Seraphim Optronics

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 Unattended Ground Sensor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Unattended Ground Sensor, with price, sales, revenue and global market share of Unattended Ground Sensor from 2019 to 2024.

Chapter 3, the Unattended Ground Sensor competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Unattended Ground Sensor 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 Unattended Ground Sensor 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 Unattended Ground Sensor.

Chapter 14 and 15, to describe Unattended Ground Sensor sales channel, distributors, customers, research findings and conclusion.

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