

Global Remote ID Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/G2AA0909B1B1EN.html>

Date: December 2024

Pages: 147

Price: US\$ 2,800.00 (Single User License)

ID: G2AA0909B1B1EN

Abstracts

Report Overview

Remote ID refers to the technology that enables the identification and tracking of drones in real-time. This technology plays a crucial role in ensuring the safe integration of drones into the airspace, as it allows authorities to monitor and manage drone flights effectively. The market for Remote ID is positioned at the intersection of the rapidly growing drone industry and the increasing need for airspace management and safety measures.

As of 2023, the global Remote ID market is valued at approximately \$120 million. The market is projected to grow at a Compound Annual Growth Rate (CAGR) of 25.67% from 2024 to 2032, reaching a value of \$580 million by the end of the forecast period. This growth can be attributed to the rising adoption of drones for various commercial applications, increasing concerns regarding airspace security, and regulatory initiatives mandating the implementation of Remote ID technology.

Several key drivers are fueling the growth of the Remote ID market. Firstly, the expanding applications of drones across industries such as agriculture, construction, and logistics are driving the demand for Remote ID solutions to ensure safe and efficient drone operations. Additionally, regulatory bodies worldwide are increasingly emphasizing the need for Remote ID to address safety and security concerns associated with the proliferation of drones in the airspace. Moreover, advancements in technology, such as the integration of Artificial Intelligence (AI) and blockchain in Remote ID systems, are enhancing the capabilities and reliability of these solutions.

One prominent trend in the Remote ID market is the development of interoperable and

standardized Remote ID solutions. Industry stakeholders are working towards establishing common technical standards to enable seamless communication and data exchange between different Remote ID systems. This trend is driven by the need to facilitate cross-border drone operations and ensure interoperability between diverse drone fleets.

Another notable trend is the integration of Remote ID technology with Unmanned Traffic Management (UTM) systems. By combining Remote ID data with UTM platforms, stakeholders can enhance situational awareness, automate airspace management processes, and enable dynamic adjustments to flight paths in real-time. This integration is crucial for enabling safe and efficient drone operations in complex airspace environments.

In terms of regional market distribution, North America currently leads the global Remote ID market, driven by stringent regulatory frameworks such as the FAA's Remote ID rule in the United States. Europe is also a significant market, with initiatives such as the European Union Aviation Safety Agency's (EASA) regulatory requirements for Remote ID implementation. Asia-Pacific is poised for substantial growth, supported by increasing drone adoption in countries like China and India.

Despite the market's promising outlook, several challenges need to be addressed. These include concerns regarding data privacy and security in Remote ID systems, the need for harmonized international regulations to facilitate global interoperability, and the integration of Remote ID technology with existing airspace management infrastructure.

In conclusion, the Remote ID market is experiencing robust growth driven by the expanding drone industry, regulatory mandates, and technological advancements. Stakeholders in the market should focus on developing interoperable solutions, integrating Remote ID with UTM systems, and addressing key challenges to capitalize on the opportunities presented by this dynamic market landscape.

This report provides a deep insight into the global Remote ID market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business

organization. The report structure also focuses on the competitive landscape of the Global Remote ID Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Remote ID market in any manner.

Global Remote ID Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Aerobits

Alpsalpine

Dronetag

INVOLI

Pierce Aerospace

Thales Group

Braveridge

Skyward (Verizon)

Dedrone

DJI

Arcgine

Finsung

Market Segmentation (by Type)

Network-Based Technologies

Broadcast-Based Technologies

Market Segmentation (by Application)

Commercial

Government

Military

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Remote ID Market

Overview of the regional outlook of the Remote ID Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Remote ID Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan,

merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Remote ID

1.2 Key Market Segments

1.2.1 Remote ID Segment by Type

1.2.2 Remote ID Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 REMOTE ID MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Remote ID Market Size (M USD) Estimates and Forecasts (2019-2032)

2.1.2 Global Remote ID Sales Estimates and Forecasts (2019-2032)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

2.4 Macroeconomic Analysis

3 REMOTE ID MARKET COMPETITIVE LANDSCAPE

3.1 Global Remote ID Sales by Manufacturers (2019-2024)

3.2 Global Remote ID Revenue Market Share by Manufacturers (2019-2024)

3.3 Remote ID Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Remote ID Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Remote ID Sales Sites, Area Served, Product Type

3.6 Remote ID Market Competitive Situation and Trends

3.6.1 Remote ID Market Concentration Rate

3.6.2 Global 5 and 10 Largest Remote ID Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 REMOTE ID INDUSTRY CHAIN ANALYSIS

4.1 Remote ID Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF REMOTE ID MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

6 REMOTE ID MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Remote ID Sales Market Share by Type (2019-2024)

6.3 Global Remote ID Market Size Market Share by Type (2019-2024)

6.4 Global Remote ID Price by Type (2019-2024)

7 REMOTE ID MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Remote ID Market Sales by Application (2019-2024)

7.3 Global Remote ID Market Size (M USD) by Application (2019-2024)

7.4 Global Remote ID Sales Growth Rate by Application (2019-2024)

8 REMOTE ID MARKET SALES BY REGION

8.1 Global Remote ID Sales by Region

8.1.1 Global Remote ID Sales by Region

8.1.2 Global Remote ID Sales Market Share by Region

8.2 Global Remote ID Market Size by Region

8.2.1 Global Remote ID Market Size by Region

8.2.2 Global Remote ID Market Size Market Share by Region

8.3 North America

8.3.1 North America Remote ID Sales by Country

8.3.2 North America Remote ID Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe Remote ID Sales by Country

8.4.2 Europe Remote ID Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Russia Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Remote ID Sales by Region

8.5.2 China

8.5.3 Japan

8.5.4 South Korea

8.5.5 India

8.5.6 Southeast Asia

8.6 Asia Pacific

8.6.1 Asia Pacific Remote ID Market Size by Region

8.6.2 Asia Pacific Remote ID Market Size by Region

8.6.3 China

8.6.4 Japan

8.6.5 South Korea

8.6.6 India

8.6.7 Southeast Asia

8.7 South America

8.7.1 South America Remote ID Sales by Country

8.7.2 South America Remote ID Market Size by Country

8.7.3 Brazil

8.7.4 Argentina

8.7.5 Columbia

8.8 Middle East and Africa

8.8.1 Middle East and Africa Remote ID Sales by Region

8.8.2 Middle East and Africa Remote ID Market Size by Region

8.8.3 Saudi Arabia

- 8.8.4 UAE
- 8.8.5 Egypt
- 8.8.6 Nigeria
- 8.8.7 South Africa

9 REMOTE ID MARKET PRODUCTION BY REGION

- 9.1 Global Production of Remote ID by Region (2019-2024)
- 9.2 Global Remote ID Revenue Market Share by Region (2019-2024)
- 9.3 Global Remote ID Production, Revenue, Price and Gross Margin (2019-2024)
- 9.4 North America Remote ID Production
 - 9.4.1 North America Remote ID Production Growth Rate (2019-2024)
 - 9.4.2 North America Remote ID Production, Revenue, Price and Gross Margin (2019-2024)
- 9.5 Europe Remote ID Production
 - 9.5.1 Europe Remote ID Production Growth Rate (2019-2024)
 - 9.5.2 Europe Remote ID Production, Revenue, Price and Gross Margin (2019-2024)
- 9.6 Japan Remote ID Production (2019-2024)
 - 9.6.1 Japan Remote ID Production Growth Rate (2019-2024)
 - 9.6.2 Japan Remote ID Production, Revenue, Price and Gross Margin (2019-2024)
- 9.7 China Remote ID Production (2019-2024)
 - 9.7.1 China Remote ID Production Growth Rate (2019-2024)
 - 9.7.2 China Remote ID Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

- 10.1 Aerobits
 - 10.1.1 Aerobits Remote ID Basic Information
 - 10.1.2 Aerobits Remote ID Product Overview
 - 10.1.3 Aerobits Remote ID Product Market Performance
 - 10.1.4 Aerobits Business Overview
 - 10.1.5 Aerobits Remote ID SWOT Analysis
 - 10.1.6 Aerobits Recent Developments
- 10.2 Alpsalpine
 - 10.2.1 Alpsalpine Remote ID Basic Information
 - 10.2.2 Alpsalpine Remote ID Product Overview
 - 10.2.3 Alpsalpine Remote ID Product Market Performance
 - 10.2.4 Alpsalpine Business Overview
 - 10.2.5 Alpsalpine Remote ID SWOT Analysis

- 10.2.6 Alpsalpine Recent Developments
- 10.3 Dronetag
 - 10.3.1 Dronetag Remote ID Basic Information
 - 10.3.2 Dronetag Remote ID Product Overview
 - 10.3.3 Dronetag Remote ID Product Market Performance
 - 10.3.4 Dronetag Remote ID SWOT Analysis
 - 10.3.5 Dronetag Business Overview
 - 10.3.6 Dronetag Recent Developments
- 10.4 INVOLI
 - 10.4.1 INVOLI Remote ID Basic Information
 - 10.4.2 INVOLI Remote ID Product Overview
 - 10.4.3 INVOLI Remote ID Product Market Performance
 - 10.4.4 INVOLI Business Overview
 - 10.4.5 INVOLI Recent Developments
- 10.5 Pierce Aerospace
 - 10.5.1 Pierce Aerospace Remote ID Basic Information
 - 10.5.2 Pierce Aerospace Remote ID Product Overview
 - 10.5.3 Pierce Aerospace Remote ID Product Market Performance
 - 10.5.4 Pierce Aerospace Business Overview
 - 10.5.5 Pierce Aerospace Recent Developments
- 10.6 Thales Group
 - 10.6.1 Thales Group Remote ID Basic Information
 - 10.6.2 Thales Group Remote ID Product Overview
 - 10.6.3 Thales Group Remote ID Product Market Performance
 - 10.6.4 Thales Group Business Overview
 - 10.6.5 Thales Group Recent Developments
- 10.7 Braveridge
 - 10.7.1 Braveridge Remote ID Basic Information
 - 10.7.2 Braveridge Remote ID Product Overview
 - 10.7.3 Braveridge Remote ID Product Market Performance
 - 10.7.4 Braveridge Business Overview
 - 10.7.5 Braveridge Recent Developments
- 10.8 Skyward (Verizon)
 - 10.8.1 Skyward (Verizon) Remote ID Basic Information
 - 10.8.2 Skyward (Verizon) Remote ID Product Overview
 - 10.8.3 Skyward (Verizon) Remote ID Product Market Performance
 - 10.8.4 Skyward (Verizon) Business Overview
 - 10.8.5 Skyward (Verizon) Recent Developments
- 10.9 Dedrone

- 10.9.1 Dedrone Remote ID Basic Information
- 10.9.2 Dedrone Remote ID Product Overview
- 10.9.3 Dedrone Remote ID Product Market Performance
- 10.9.4 Dedrone Business Overview
- 10.9.5 Dedrone Recent Developments
- 10.10 DJI
 - 10.10.1 DJI Remote ID Basic Information
 - 10.10.2 DJI Remote ID Product Overview
 - 10.10.3 DJI Remote ID Product Market Performance
 - 10.10.4 DJI Business Overview
 - 10.10.5 DJI Recent Developments
- 10.11 Arcgine
 - 10.11.1 Arcgine Remote ID Basic Information
 - 10.11.2 Arcgine Remote ID Product Overview
 - 10.11.3 Arcgine Remote ID Product Market Performance
 - 10.11.4 Arcgine Business Overview
 - 10.11.5 Arcgine Recent Developments
- 10.12 Finsung
 - 10.12.1 Finsung Remote ID Basic Information
 - 10.12.2 Finsung Remote ID Product Overview
 - 10.12.3 Finsung Remote ID Product Market Performance
 - 10.12.4 Finsung Business Overview
 - 10.12.5 Finsung Recent Developments

11 REMOTE ID MARKET FORECAST BY REGION

- 11.1 Global Remote ID Market Size Forecast
- 11.2 Global Remote ID Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe Remote ID Market Size Forecast by Country
 - 11.2.3 Asia Pacific Remote ID Market Size Forecast by Region
 - 11.2.4 South America Remote ID Market Size Forecast by Country
 - 11.2.5 Middle East and Africa Forecasted Sales of Remote ID by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

- 12.1 Global Remote ID Market Forecast by Type (2025-2032)
 - 12.1.1 Global Forecasted Sales of Remote ID by Type (2025-2032)
 - 12.1.2 Global Remote ID Market Size Forecast by Type (2025-2032)

- 12.1.3 Global Forecasted Price of Remote ID by Type (2025-2032)
- 12.2 Global Remote ID Market Forecast by Application (2025-2032)
 - 12.2.1 Global Remote ID Sales (K Units) Forecast by Application
 - 12.2.2 Global Remote ID Market Size (M USD) Forecast by Application (2025-2032)

13 CONCLUSION AND KEY FINDINGS

I would like to order

Product name: Global Remote ID Market Research Report 2024(Status and Outlook)

Product link: <https://marketpublishers.com/r/G2AA0909B1B1EN.html>

Price: US\$ 2,800.00 (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/G2AA0909B1B1EN.html>