

# Europe Drone Communication Market Size study, by Method (Radio Frequency, Single or Multi Sim, LTE/4G. Satellite, and 5G), by Application (Agriculture, Construction and Mining, Inspection, Oil and Gas, and Others) and Country Forecasts 2022-2032

<https://marketpublishers.com/r/EB3229A29481EN.html>

Date: June 2024

Pages: 200

Price: US\$ 3,218.00 (Single User License)

ID: EB3229A29481EN

## Abstracts

Europe Drone Communication Market is valued approximately at USD 554.4 million in 2023 and is anticipated to grow with a healthy growth rate of more than 20.71% over the forecast period 2024-2032. Drone communication involves the exchange of data between drones and ground control stations or other drones. This includes command and control signals, video and sensor data transmission, and inter-drone coordination for tasks like swarming. Communication relies on technologies such as radio frequencies, satellite links, GPS, and various communication protocols like MAVLink. Ensuring security through encryption and authentication is crucial. Effective drone communication enables real-time monitoring, navigation, collision avoidance, and regulatory compliance, facilitating safe and efficient drone operations across commercial, military, and recreational applications. Factors such as regulatory requirements, technological advancement, the growth of the drone industry and the increasing adoption of drones across various sectors including agriculture, construction, transportation, and public safety are further driving demand for the Europe Drone Communication Market.

The increasing adoption of drones across various industries is a primary catalyst driving the demand for sophisticated communication solutions within the Europe Drone Communication Market. Drones are being increasingly recognized as versatile tools with applications spanning agriculture, construction, infrastructure inspection, public safety, and other. It necessitates robust communication infrastructure to ensure seamless data transmission between drones and ground stations, enabling timely

decision-making and precision agriculture practices. For instance, in March 2023, Rohde & Schwarz launched a R&S EVSD1000 VHF/UHF nav/drone analyzer. It offers efficient and accurate drone inspection of terrestrial communication and navigation systems, making it an essential tool for civil aviation. Furthermore, effective communication links between drones and project teams are essential for relaying real-time data and facilitating collaboration across stakeholders. For instance, in December 2023, AALTO HAPS Ltd., subsidiary of Airbus, announced that it is planning to set up its first communication hub for its high-altitude drones (Zephyr) in Kenya's Laikipia County. These factors will further drive demand for the Europe Drone Communication Market. However, potential misuse of drones and a cyber risk, will stifle market growth between 2022 and 2032.

The key countries considered for the Europe Drone Communication market study includes UK, Germany, France, Italy, Spain, and Rest of Europe. In 2023, UK was the largest market in terms of revenue. This is due to the UK's customization of communication systems to meet the specific needs of various industry sectors including agriculture, infrastructure, transportation, and public safety, among others. The market encompasses various technologies, protocols, and hardware solutions aimed at facilitating reliable and efficient communication between drones and their operators, as well as among multiple drones themselves. The market in Germany is expected to grow at the fastest rate over the forecast period.

Major market player included in this report are:

Parrot Drone SAS

Microdrones GmbH

Unmanned Systems Technology

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Method

Radio Frequency

Single or Multi Sim

LTE/4G  
Satellite  
5G

By Application

Agriculture

Construction and Mining

Inspection

Oil and Gas

Others

By Region:

Europe

UK

Germany

France

Spain

Italy

ROE

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

## Contents

### **CHAPTER 1. EUROPE DRONE COMMUNICATION MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 1.1. Research Objective
- 1.2. Market Definition
- 1.3. Research Assumptions
  - 1.3.1. Inclusion & Exclusion
  - 1.3.2. Limitations
  - 1.3.3. Supply Side Analysis
    - 1.3.3.1. Availability
    - 1.3.3.2. Infrastructure
    - 1.3.3.3. Regulatory Environment
    - 1.3.3.4. Market Competition
    - 1.3.3.5. Economic Viability (Consumer's Perspective)
  - 1.3.4. Demand Side Analysis
    - 1.3.4.1. Regulatory frameworks
    - 1.3.4.2. Technological Advancements
    - 1.3.4.3. Environmental Considerations
    - 1.3.4.4. Consumer Awareness & Acceptance
- 1.4. Estimation Methodology
- 1.5. Years Considered for the Study
- 1.6. Currency Conversion Rates

### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. Europe Drone Communication Market Size & Forecast (2022- 2032)
- 2.2. Regional Summary
- 2.3. Segmental Summary
  - 2.3.1. By Method
  - 2.3.2. By Application
- 2.4. Key Trends
- 2.5. Recession Impact
- 2.6. Analyst Recommendation & Conclusion

### **CHAPTER 3. EUROPE DRONE COMMUNICATION MARKET DYNAMICS**

- 3.1. Market Drivers

- 3.2. Market Challenges
- 3.3. Market Opportunities

## **CHAPTER 4. EUROPE DRONE COMMUNICATION 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
  - 4.1.6. Futuristic Approach to Porter's 5 Force Model
  - 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
  - 4.2.1. Political
  - 4.2.2. Economic
  - 4.2.3. Social
  - 4.2.4. Technological
  - 4.2.5. Environmental
  - 4.2.6. Legal
- 4.3. Top investment opportunity
- 4.4. Top winning strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. EUROPE DRONE COMMUNICATION MARKET SIZE & FORECASTS BY METHOD 2022-2032**

- 5.1. Radio Frequency
- 5.2. Single or Multi Sim
- 5.3. LTE/4G
- 5.4. Satellite
- 5.5. 5G

## **CHAPTER 6. EUROPE DRONE COMMUNICATION MARKET SIZE & FORECASTS BY APPLICATION 2022-2032**

- 6.1. Agriculture

- 6.2. Construction and Mining
- 6.3. Inspection
- 6.4. Oil and Gas
- 6.5. Others

## **CHAPTER 7. EUROPE DRONE COMMUNICATION MARKET SIZE & FORECASTS BY COUNTRY 2022-2032**

- 7.1. U.K. Drone Communication Market
  - 7.1.1. Method breakdown size & forecasts, 2022-2032
  - 7.1.2. Application breakdown size & forecasts, 2022-2032
- 7.2. Germany Drone Communication Market
- 7.3. France Drone Communication Market
- 7.4. Spain Drone Communication Market
- 7.5. Italy Drone Communication Market
- 7.6. Rest of Europe Drone Communication Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

- 8.1. Key Company SWOT Analysis
  - 8.1.1. Company
  - 8.1.2. Company
  - 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
  - 8.3.1. Parrot Drone SAS
    - 8.3.1.1. Key Information
    - 8.3.1.2. Overview
    - 8.3.1.3. Financial (Subject to Data Availability)
    - 8.3.1.4. Product Summary
    - 8.3.1.5. Market Strategies
  - 8.3.2. Microdrones GmbH
  - 8.3.3. Unmanned Systems Technology
  - 8.3.4. Company
  - 8.3.5. Company
  - 8.3.6. Company
  - 8.3.7. Company
  - 8.3.8. Company
  - 8.3.9. Company

8.3.10. Company

## **CHAPTER 9. RESEARCH PROCESS**

9.1. Research Process

9.1.1. Data Mining

9.1.2. Analysis

9.1.3. Market Estimation

9.1.4. Validation

9.1.5. Publishing

9.2. Research Attributes

## List Of Tables

### LIST OF TABLES

TABLE 1. Europe Drone Communication market, report scope

TABLE 2. Europe Drone Communication market estimates & forecasts by Country 2022-2032 (USD Million)

TABLE 3. Europe Drone Communication market estimates & forecasts by Method 2022-2032 (USD Million)

TABLE 4. Europe Drone Communication market estimates & forecasts by Application 2022-2032 (USD Million)

TABLE 5. Europe Drone Communication market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 6. Europe Drone Communication market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 7. Europe Drone Communication market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 8. Europe Drone Communication market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 9. Europe Drone Communication market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 10. Europe Drone Communication market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 11. Europe Drone Communication market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 12. Europe Drone Communication market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 13. Europe Drone Communication market by segment, estimates & forecasts, 2022-2032 (USD Million) Europe Drone Communication market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 14. UK Drone Communication market estimates & forecasts, 2022-2032 (USD Million)

TABLE 15. UK Drone Communication market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 16. UK Drone Communication market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 17. Germany Drone Communication market estimates & forecasts, 2022-2032 (USD Million)

TABLE 18. Germany Drone Communication market estimates & forecasts by segment



2022-2032 (USD Million)

TABLE 19. Germany Drone Communication market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 20. France Drone Communication market estimates & forecasts, 2022-2032

(USD Million)

TABLE 21. France Drone Communication market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 22. France Drone Communication market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 23. Italy Drone Communication market estimates & forecasts, 2022-2032 (USD

Million)

TABLE 24. Italy Drone Communication market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 25. Italy Drone Communication market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 26. Spain Drone Communication market estimates & forecasts, 2022-2032

(USD Million)

TABLE 27. Spain Drone Communication market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 28. Spain Drone Communication market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 29. RoE Drone Communication market estimates & forecasts, 2022-2032 (USD

Million)

TABLE 30. RoE Drone Communication market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 31. RoE Drone Communication market estimates & forecasts by segment

2022-2032 (USD Million)

TABLE 32. List of secondary sources, used in the study of Europe Drone

Communication Market.

TABLE 33. List of primary sources, used in the study of Europe Drone Communication

Market.

TABLE 34. Years considered for the study.

TABLE 35. Exchange rates considered.

## List Of Figures

### LIST OF FIGURES

- FIG 1. Europe Drone Communication market, research methodology
- FIG 2. Europe Drone Communication market, market estimation techniques
- FIG 3. Europe market size estimates & forecast methods.
- FIG 4. Europe Drone Communication market, key trends 2023
- FIG 5. Europe Drone Communication market, growth prospects 2022-2032
- FIG 6. Europe Drone Communication market, porters 5 force model
- FIG 7. Europe Drone Communication market, pestel analysis
- FIG 8. Europe Drone Communication market, value chain analysis
- FIG 9. Europe Drone Communication market by segment, 2022 & 2032 (USD Million)
- FIG 10. Europe Drone Communication market by segment, 2022 & 2032 (USD Million)
- FIG 11. Europe Drone Communication market by segment, 2022 & 2032 (USD Million)
- FIG 12. Europe Drone Communication market by segment, 2022 & 2032 (USD Million)
- FIG 13. Europe Drone Communication market by segment, 2022 & 2032 (USD Million)
- FIG 14. Europe Drone Communication market, Country snapshot 2022 & 2032
- FIG 15. Europe Drone Communication market 2022 & 2032 (USD Million)
- FIG 16. Europe Drone Communication market, company market share analysis (2023)

## I would like to order

Product name: Europe Drone Communication Market Size study, by Method (Radio Frequency, Single or Multi Sim, LTE/4G. Satellite, and 5G), by Application (Agriculture, Construction and Mining, Inspection, Oil and Gas, and Others) and Country Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/EB3229A29481EN.html>

Price: US\$ 3,218.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/EB3229A29481EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970