

# **Global 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 Regional Forecasts 2022-2032**

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## **Abstracts**

Global Drone Communication Market is valued approximately at USD 2772.3 million in 2023 and is anticipated to grow with a healthy growth rate of more than 21.40% over the forecast period 2024-2032. The technology and procedures used by drones, also known as unmanned aerial vehicles or UAVs, to create a data link between the vehicle and ground control stations (GCS), are collectively referred to as drone communication. Drone communication technology is essential for broadcasting telemetry data, sending video and sensor data from the UAV to the control station, and enabling command and control (C2). The industry seeks to build dependable and effective connections for smooth drone operations through the use of many communication systems, including radio, satellite communication (SATCOM), cellular communication, and drone-to-drone communication. Trends such as increasing adoption of drones for commercial applications, advancements in communication technologies, regulatory support for drone operations, and growing investments in drone communication infrastructure. Thus, these factors further drive demand for the Global Drone Communication Market.

The rapid expansion of the drone industry is a significant driver fueling demand for the Global Drone Communication Market. According to the EY-FICCI report, the global drone market projected to reach \$54 billion by 2025. The drones are becoming gradually unified into various sectors such as agriculture, construction, logistics, and public safety, the need for reliable and efficient communication systems becomes paramount. Drones are being deployed for a wide range of applications, including aerial surveys, monitoring, inspection, and delivery, all of which require seamless

communication between the drones and ground control stations. Furthermore, the versatility of drones allows them to operate in diverse environments, from urban settings to remote rural areas and even hazardous locations such as disaster zones. In these varied scenarios, robust communication links are essential to ensure that drones can transmit real-time data, receive commands, and maintain situational awareness. However, quickly advancing abilities of drones pose a rising security danger will stifle market growth between 2022 and 2032.

The key regions considered for the global Drone Communication market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, North America was the largest regional market in terms of revenue. This is due to their wide range of communication protocols, hardware components, software solutions, and support services designed to meet the diverse needs of drone operators across various industries. with the United States and Canada being key players in the global drone industry, the North America region is a significant hub for drone innovation and adoption. Thus, these factors further drive demand for the Global Drone Communication Market. The market in Asia Pacific is expected to develop at the fastest rate over the forecast period.

Major market player included in this report are:

Teal Drones

Parrot Drone SAS

Skydio, Inc.

Freefly Systems

Yuneec International Co. Ltd.

AgEagle Aerial Systems Inc

SZ DJI Technology Co Ltd

Microdrones GmbH

Draganfly Innovations Inc.

AeroVironment, Inc.

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:**

North America  
U.S.  
Canada  
Europe  
UK  
Germany  
France  
Spain  
Italy  
ROE  
Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Middle East & Africa  
Saudi Arabia  
South Africa  
RoMEA

**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 regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

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.

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