

# Drone Communication Market CAGR to be at 21.4% from 2023 to 2032 | \$15.8 Billion Industry Revenue by 2032

*By application, the agriculture sub-segment dominated the global drone communication market share in 2022.*

WILMINGTON, DE, UNITED STATES, January 8, 2025 /EINPresswire.com/ -- Allied Market Research



The market size of drone communication industry was valued at \$2.3 billion in 2022, and is estimated to garner \$15.8 billion by 2032, growing at a CAGR of 21.4% from 2023 to 2032. "

*Allied Market Research*

has recently published a report, titled, "[Drone Communication Market](#) Size, Share, Competitive Landscape and Trend Analysis Report by Method, by Application: Global Opportunity Analysis and Industry Forecast, 2023-2032". According to the report, the global [drone communication](#) market generated \$2.3 billion in 2022, and is anticipated to generate \$15.8 billion by 2032, witnessing a CAGR of 21.4% from 2023 to 2032.

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125 - Tables

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320 - Pages

Prime Determinants of Growth

The rising demand for advanced [drone](#) technology in surveillance, reconnaissance, and various industries, coupled with advancements in satellite and cellular communication technologies, is boosting the growth of the drone communication market. However, the challenges associated with long-distance communication, scalability issues, and computational variability in drones is restraining the market's growth during the forecast period. On the other hand, the increasing adoption of drones for applications in construction, mining, agriculture, and inspection sectors, along with the development of innovative communication solutions, is poised to unlock lucrative market growth opportunities in the future.

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Segments covered

Method, Application, and Region

Drivers

Increasing demand for advanced drone technology for surveillance and reconnaissance purposes

Advancements in satellite and cellular communication technologies enhancing drone communication capabilities

Opportunities

Growing applications of drones in construction, mining, agriculture, and inspection sectors

Development of innovative communication solutions to meet evolving industry needs

Restraints

Computational variability among drones within fleets posing limitations to optimal mission performance

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Method: Satellite Sub-Segment to Hold Leading Market Share by 2032

The satellite sub-segment dominated the market in 2022, holding a major share of 28.1%. This sub-segment is expected to hold a leading market share of 29.3% by 2032. This growth is mainly due to increasing demand for reliable and uninterrupted communication beyond line of sight, especially in military applications. Moreover, advancements in satellite technology, offering higher data throughput rates and superior connectivity, are driving the adoption of satellite communication, thereby boosting its market dominance.

Application: Agriculture Sub-Segment to Observe Significant Growth during the Forecast Period

The agriculture sub-segment led the market in 2022, holding a substantial share of 32.0%. This is mainly due to the increasing adoption of drones for precision farming, boosting efficiency and productivity in agricultural operations. Rising demand for real-time crop monitoring and analysis, coupled with the need for optimized resource management, is driving the adoption of drone

technology in the agriculture sector.

## By Region: North America to Hold the Leading Market Share in Forecast Period

The North America region dominated the global drone communication market in 2022, holding a major share of 34.3%. The dominance of this region is expected to continue by 2032, growing with a major share of 32.1%. This is mainly due to increasing investments in drone technology, rising demand across diverse sectors such as construction, agriculture, and defense, and driving innovation in communication systems in this region. Additionally, the region's well-established regulatory framework and supportive infrastructure are boosting market growth and fostering a conducive environment for drone operations.

### Leading Players in the Drone Communication Market:

Teal Drones

AgEagle Aerial Systems Inc.

Parrot Drone SAS

AeroVironment, Inc.

DJI

Draganfly Innovations Inc.

Yuneec

Freefly Systems

Skydio, Inc.

Microdrones

The report provides a detailed analysis of the key players of the global drone communication market. These players have adopted different strategies, such as new product launches, collaborations, expansion, joint ventures, agreements, and others to increase their market share and maintain their dominance in different regions. The report is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

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