

Rising Commercial Drone Usage: A Key Driver Transforming the Autonomous Drones Market 2024

The Business Research Company has updated all its market reports with the latest information for the year 2024, projecting trends and forecasts until 2033



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The [autonomous drones market](#) has grown significantly, increasing from \$17.09 billion in 2023 to \$20.74 billion in 2024, with a CAGR of 21.4%. The growth is driven by technological advancements, higher demand for aerial surveillance, decreasing drone component costs, growth in the defense sector, and expanding commercial applications.



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What Is the Anticipated Market Size of the Global
Autonomous Drones Market and Its Growth Rate?

The autonomous drones market is forecasted to see substantial growth, reaching \$45.26 billion by 2028, with a CAGR of 21.5%. This growth is driven by the rising demand for delivery services, advancements in AI and machine learning, regulatory changes favoring drone use, increased investments, and infrastructure growth in sectors like construction. Trends include enhanced automation, AI integration, consumer and enterprise use cases expansion, increased use in agriculture and environmental monitoring, new regulatory frameworks, and international market growth.

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What Is The Primary Growth Driver Of The Autonomous Drones Market?

The increasing use of drones in commercial applications is expected to drive growth in the autonomous drone market. Advances in technology and clear regulations support the use of drones for tasks like aerial surveying, delivery, and inspection, which enhance operational efficiency and reduce costs.

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Which Market Leaders Are Behind the Growth of the Autonomous Drones Market?

Major companies operating in the market are Lockheed Martin Corporation, Hexagon AB, DJI Technology Co. Ltd., Yuneec International Co. Ltd., Aerovironment Inc., Holy Stone Technology Co. Ltd., Skydio Inc., Zipline International Inc., Autel Robotics, Parrot Drones S.A., Quantum Systems GmbH, Wingcopter GmbH, Propeller Aero Inc.

What Key Trends Are Impacting The Size Of The Autonomous Drones Market?

Key companies in the autonomous drone market are integrating artificial intelligence into autonomy and decision-making processes, such as AI-powered subject tracking, to improve precision and efficiency in capturing dynamic footage without the need for manual control. This technology allows drones or cameras to automatically identify and follow specific objects or individuals within their frame, maintaining focus and ensuring smooth tracking.

How Is The Global Autonomous Drones Market Segmented?

- 1) By Type: Inspection Or Inspection, Agricultural, Meteorological, Surveying and Mapping, Other Types
- 2) By Range Of Flight: Less Than 10 Km, 10 Km-20 Km, 20 Km-30 Km, More Than 30 Km
- 3) By Payload: Less Than 300 Lbs, 300-400 Lbs, 400-500 Lbs
- 4) By Application: Commercial, Civilian, Military, Other Applications
- 5) By End-Use Industry: Agriculture And Forestry, Delivery And Logistics, Media And Entertainment, Construction And Mining, Oil And Gas, Security And Law Enforcement, Recreational Activity, Other End Users

Regional Insights: North America Paving the Way in the Autonomous Drones Market

North America was the largest region in the autonomous drone market in 2023. Asia-Pacific is expected to be the fastest-growing region in the forecast period. The regions covered in the market report are Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, Africa.

What Is The Definition Of The Autonomous Drones Market?

Autonomous drones are unmanned aerial vehicles (UAVs) with advanced sensors and artificial

intelligence that allow them to operate independently. These drones make real-time decisions based on their surroundings and mission needs, carrying out tasks without human input.

The [Autonomous Drones Global Market Report 2024](#) from The Business Research Company includes the following key information:

- Market size data for both historical and future periods
- Analysis of both macro and microeconomic factors that have impacted the market over the past five years
- Regional market analysis covering Asia-Pacific, China, Western Europe, Eastern Europe, North America, the USA, South America, and the Middle East and Africa
- Country-specific market analysis for Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, the UK, and the USA.

Overview of the Global Autonomous Drones Market Report: Trends, Opportunities, Strategies, and More

The Autonomous Drones Global Market Report 2024 from The Business Research Company is an extensive resource that delivers insights into autonomous drones market size, autonomous drones market drivers and trends, autonomous drones global market major players, autonomous drones competitors' revenues, autonomous drones global market positioning, and autonomous drones market growth across geographies. This report provides valuable in-depth insights into potential opportunities and strategies. Companies can utilize the information presented to target segments with the greatest growth potential.

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