

Unmanned Commercial Aerial Vehicle Industry Report: Competitive Landscape and Future Prospects

*The Business Research Company's
Unmanned Commercial Aerial Vehicle
Global Market Report 2025 – Market Size,
Trends, And Global Forecast 2025-2034*

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/EINPresswire.com/ -- What Is The

Projected Market Size & Growth Rate

Of The Unmanned Commercial Aerial Vehicle Market?

The [unmanned commercial aerial vehicles market size](#) has seen tremendous growth over the recent years. Projected to expand from \$21.6 billion in 2024 to \$26.19 billion in 2025, it's growing at a compound annual growth rate (CAGR) of 21.3%. Factors contributing to this growth during

the historical period include military utilization, cost-effectiveness, monitoring in agriculture and the environment, as well as use in search and rescue missions.

It's anticipated that there will be a swift expansion in the unmanned commercial aerial vehicle market in the forthcoming years. This domain is expected to swell to \$41.3 billion by 2029, with a compound annual growth rate (CAGR) of 12.1%. This predicted growth during the forecasted period can be credited to the commercial

delivery services, infrastructure scrutiny, security and surveillance, remote sensing, and data gathering, as well as urban air mobility (uam). Key trends during this period will likely include self-operating mechanisms, vertical takeoff and landing (vtol) ucavs, legal frameworks, hybrid power and electrical propulsion, in addition to urban airspace amalgamation.

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What Is The Crucial Factor Driving The Global Unmanned Commercial Aerial Vehicle Market?

The rise in the use of [unmanned aerial vehicles \(UAVs\) in various market](#) commercial sectors has spurred the growth of the unmanned commercial aerial vehicle market. Swift delivery of goods, combined with the growing transportation of items such as small packages, food, medical supplies, and more, holds significant importance in the commercial arena. Industries such as agriculture, mining, security and law enforcement, journalism, and media and entertainment benefit from UAVs commercial usage in tasks like surveys, maintenance operations, long-distance sensing, aerial photography, inspection of damaged assets, crop monitoring, soil data collection, and other hazardous and high-risk operations. For example, an agricultural drone, a type of UAV, equips the farmer to adjust to specific environments and make informed decisions. Drone data assists in areas like crop health, crop treatment, crop scouting, soil examination, and crop damage assessments. A surge in applications across different sectors with exceptional benefits fuels the growth of the unmanned commercial aerial vehicle market.

Who Are The Emerging Players In The Unmanned Commercial Aerial Vehicle Market?

Major players in the Unmanned Commercial Aerial Vehicle Global Market Report 2025 include:

- AeroVironment Inc.
- BAE Systems plc
- SZ DJI Technology Co. Ltd. (DJI)
- Elbit Systems Ltd.
- General Atomics Aeronautical Systems Inc.
- Israel Aerospace Industries Ltd. (IAI)
- Lockheed Martin Corporation
- Northrop Grumman Corporation
- Parrot SA
- Textron Inc.

What Are The Key Trends Shaping The Unmanned Commercial Aerial Vehicle Industry?

Companies producing unmanned commercial aerial vehicles are incorporating advanced batteries into their drones, enabling them to travel further and last longer on a single charge. The evolution of battery technology is evident in the shift from lithium-ion batteries to lithium metal batteries, which offer double the capacity and are half as big. In April 2023, KULR Technology Group Inc., a firm based in the US that develops cutting-edge thermal management technologies, revealed a new range of high-capacity lithium battery packs intended for the commercial drone industry. The innovative battery pack platform done by KULR is lighter, exceptionally safe, and incorporates pioneering chemistry and thermal management technology, providing drone manufacturers the advantage of enabling longer and further flights from just a single charge. KULR's technology was designed based on over 30 years of expertise in carbon-based fiber materials used for thermal management and ensuring battery safety.

What Segments Are Covered In The Unmanned Commercial Aerial Vehicle Market Report?

The unmanned commercial aerial vehicle market covered in this report is segmented –

- 1) By Segment: Fixed-Wing UAVs, Multi-Rotor Aerial Vehicles, Rotary Blade Type UAV
- 2) By Mode Of Operation: Remotely Piloted, Optionally Piloted, Fully Autonomous
- 3) By End-User: Agriculture, Energy, Public utilities, Construction, Media and Entertainment, Government, Others

View the full unmanned commercial aerial vehicle market report:

<https://www.thebusinessresearchcompany.com/report/unmanned-commercial-aerial-vehicle-global-market-report>

Which Region Is Projected To Hold The Largest Market Share In The Global Unmanned Commercial Aerial Vehicle Market?

In 2024, the Asia-Pacific region held the top spot in the global unmanned commercial aerial vehicle market. North America is anticipated to be the region with the quickest growth rate for the forecasted period. The report encompasses the following regions: Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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