

Disposable Recon Drone Market is Projected to Increase at a CAGR of 18% Through 2025-2029

*The Business Research Company's
Disposable Recon Drone Global Market
Report 2025 – Market Size, Trends, And
Forecast 2025-2034*

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KINGDOM, October 27, 2025

/EINPresswire.com/ -- What Is The
Projected Market Size & Growth Rate
Of [The Disposable Recon Drone Market?](#)

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In recent times, the market size of the disposable recon drone industry has seen substantial growth. The sector which was valued at \$1.11 billion in 2024 is expected to swell to \$1.32 billion in 2025 with a compound annual growth rate (CAGR) of 18.3%. This significant growth during the

historic period can be linked to various factors: the escalating need for military surveillance, the rise in cross-border disputes, heightened counter-terrorism operations, the expansion of unmanned aerial systems, and an increase in government defense funding.

In the coming years, the market size of disposable recon drones is projected to experience a swift expansion, escalating to a value of \$2.55 billion by 2029, with a compound annual growth rate (CAGR) of 18.0%. The expected market surge in the forecast period is due to

factors such as the intensification of asymmetric warfare, increasing concerns over homeland security, large-scale defense modernization initiatives, enhanced border surveillance, and a growing demand in hospital settings. During the forecast period, leading trends include the downsizing of drone parts, the advent of AI-guided reconnaissance capabilities, self-directing navigation systems, the implementation of swarm drones and integration with satellite communications.

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What Is The Crucial Factor Driving The Global Disposable Recon Drone Market?

The disposable recon drone market is poised for expansion due to the escalating frequency of security risks. Rising global conflicts, geopolitical strains and elevated public safety risks have led to an increase in threats such as intrusions, hostile activities, and infrastructure vulnerabilities. Disposable recon drones, which offer quick, low-risk surveillance of high-risk zones, facilitate real-time data gathering without putting personnel at risk. For example, in the year 2025, the World Economic Forum (WEF), a Switzerland-based global non-profit committed to public-private collaboration, disclosed that in 2023 there were close to 60 armed conflicts ongoing, representing a record high. Moreover, between 2023 and 2024, civilian casualties amplified by over 30% year-over-year. Consequently, the upswing in security threats translates to spiralling demand for the disposable recon drone market.

Who Are The Emerging Players In The Disposable Recon Drone Market?

Major players in the Disposable Recon Drone Global Market Report 2025 include:

- Raytheon Technologies
- Northrop Grumman
- BAE Systems
- Elbit Systems
- Israel Aerospace Industries (IAI)
- General Atomics
- QinetiQ
- Kratos Defense And Security Solutions
- Anduril Industries
- Dynetics

What Are The Key Trends Shaping The [Disposable Recon Drone Industry?](#)

Leading corporations in the disposable recon drone market are heavily investing in top-performing, single-use unmanned aerial systems (UAS) in order to boost real-time intelligence collection, amplify mission performance, and expedite deployment in environments that are either high-risk or inaccessible. These disposable drones are not only lightweight and cost-effective but also purposed for reconnaissance, surveillance, and achieving situational awareness during missions where the use of conventional aircraft or reusable drones may pose a significant risk or be unfeasible. For instance, in September 2023, the UK defense technology firm QinetiQ released the Jackdaw, a disposable UAS that is both low-cost and high-performance, featuring abilities such as swarming, self-operating activities, and operations involving both crewed and uncrewed equipment. The Jackdaw is capable of performing advanced tasks, including reconnaissance, electronic warfare, and threat representation, illustrating the level of sophistication that modern disposable drones bring to operational capabilities, reducing both risk and expense. This trend emphasizes the increasing usage of disposable recon drones throughout the defense and security industries, motivated by a demand for swift, adaptable, and secure means of collecting intelligence.

What Segments Are Covered In The Disposable Recon Drone Market Report?

The disposable recon drone market covered in this report is segmented as

- 1) By Product Type: Fixed-Wing, Rotatory-Wing, Hybrid
- 2) By Range Type: Short Range, Medium Range, Long Range
- 3) By Application: Military And Defense, Law Enforcement, Search And Rescue, Environmental Monitoring, Other Applications
- 4) By End-User: Armed Forces, Homeland Security, Emergency Services, Other End-Users

Subsegment:

- 1) By Fixed-Wing: Hand-Launch Fixed-Wing, Catapult-Launched Fixed-Wing, Vertical Take-Off And Landing (VTOL) Fixed-Wing
- 2) By Rotatory-Wing: Single-Rotor, Multi-Rotor, Coaxial Rotor
- 3) By Hybrid: Tiltrotor, Flapping Wing, Compound Unmanned Aerial Vehicle (UAV)

View the full disposable recon drone market report:

<https://www.thebusinessresearchcompany.com/report/disposable-recon-drone-global-market-report>

Which Region Is Projected To Hold The Largest Market Share In The Global Disposable Recon Drone Market?

In the 2025 Global Market Report for Disposable Recon Drones, North America leads as the most significant region as of 2024. The subsequent period is projected to see the highest growth in the Asia-Pacific region. The report encompasses regions like Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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