

Tactical UAV Market Report by Type (Close-Range, Short-Range, Medium-Range, Medium-Range Endurance, Low-Altitude Deep Penetration, Low-Altitude Long-Endurance), Application (Military, Law Enforcement, and Others), and Region 2024-2032

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Abstracts

The global tactical UAV market size reached US\$ 3.8 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 10.0 Billion by 2032, exhibiting a growth rate (CAGR) of 11.03% during 2024-2032.

Tactile unmanned aerial vehicles (UAVs) refer to heavier protective devices used to mitigate the risks, detect tanks and armored personnel carriers. Close, short, long, medium-range, endurance and medium altitude long endurance (MALE) are some of the common types of tactile UAVs. The UAV operation includes a mission planning and control site (MPCS) and a launch and recovery site (LRS). Tactile UAVs are widely utilized for detection, classification, identification, disruption, surveillance, and reconnaissance missions. They assist in communicating possible hazards, monitoring locations, notifying threatening conditions, investigating accidents, providing tactile surveillance and monitoring large crowds. As a result, tactile UAVs finds extensive applications across military, commercial, civil and law enforcement activities.

Tactical UAV Market Trends:

The increasing incidences of terrorist activities and cross-border agitation across the globe are driving the growth of the market. Tactile UAVs are also used in light rain conditions to detect, notify threatening conditions and monitor locations. In line with this, the widespread product utilization for live video and snapshots in short-range strategic missions and special purpose integrated remote intelligence terminal (SPIRIT) is augmenting the market growth. Furthermore, various technological advancements, such

as the integration of artificial intelligence (AI) and hypersonic propulsion with tactical UAV systems to remotely control the device, collect, and implement visual and environmental data, are providing an impetus to the market growth. Additionally, the development of advanced electronic warfare capabilities, such as radio, radar and infrared signals to protect, communicate and sense activities are positively impacting the market growth. Other factors, including the increasing demand for high-altitude long-endurance (HALE) unmanned aerial vehicles and extensive research and development (R&D) activities, are anticipated to drive the market further toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global tactical UAV market report, along with forecasts at the global, regional and country levels from 2024-2032. Our report has categorized the market based on type and application.

Breakup by Type:

- Close-Range
- Short-Range
- Medium-Range
- Medium-Range Endurance
- Low-Altitude Deep Penetration
- Low-Altitude Long-Endurance

Breakup by Application:

- Military
- Law Enforcement
- Others

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific
 - China
 - Japan
 - India

South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Aeronautics Ltd. (Rafael Advanced Defense Systems Ltd.), AeroVironment Inc., BAYKAR Technology, Elbit Systems Ltd., General Atomics, Israel Aerospace Industries, Lockheed Martin Corporation, Northrop Grumman Corporation, Saab AB, Safran S.A., Textron Inc. and The Boeing Company.

Key Questions Answered in This Report

1. What was the size of the global tactical UAV market in 2023?
2. What is the expected growth rate of the global tactical UAV market during 2024-2032?
3. What has been the impact of COVID-19 on the global tactical UAV market?
4. What are the key factors driving the global tactical UAV market?
5. What is the breakup of the global tactical UAV market based on application?
6. What are the key regions in the global tactical UAV market?
7. Who are the key players/companies in the global tactical UAV market?

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