

Drone Jammer Market is Projected to Grow from 1.83 Billion in 2024 to 5.7 Billion by 2032, at CAGR of 15.26%

Drone Jammer Market Research Report By Application, End User, Frequency Range, Power Output, Portability, Regional

CA, UNITED STATES, January 15, 2025 /EINPresswire.com/ -- The global <u>Drone</u> Jammer market has been experiencing rapid growth due to increasing security concerns regarding unauthorized drone activities, especially in sensitive areas such as airports, military installations, and government



buildings. In 2023, the market size was valued at USD 1.59 billion and is projected to grow from USD 1.83 billion in 2024 to USD 5.7 billion by 2032, reflecting a compound annual growth rate (CAGR) of 15.26% during the forecast period (2024–2032). This growth is primarily driven by the growing demand for counter-drone technologies and the increasing number of drone-related security threats.

Increasing Threat of Unauthorized Drone Usage

Drones have become widely accessible and are often used for illicit activities such as smuggling, surveillance, and terrorism. The growing security concerns regarding drone-based threats are driving governments, law enforcement agencies, and private organizations to adopt countermeasures like drone jammers to neutralize unauthorized drone activities.

Government and Military Adoption

Drones pose a significant threat to national security, and various government agencies and military organizations are investing in drone jammers to protect critical infrastructure. Drone jammers are increasingly being deployed in military operations, airports, prisons, and border security to mitigate the risks posed by drones.

I Technological Advancements in Drone Jamming Solutions

Ongoing advancements in drone jamming technologies, including improved signal jamming capabilities, long-range targeting, and the ability to disrupt multiple drone communications simultaneously, are enhancing the effectiveness of these systems. The introduction of portable and efficient jammers has made them more accessible for a wider range of applications.

I Rising Commercial Drone Applications

The growing use of drones for commercial purposes, such as in logistics, agriculture, and photography, has led to a rise in drone-related incidents and accidents. As the number of commercial drones increases, so does the need for effective counter-drone solutions to ensure safety and security in various industries.

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- SAFRAN S.A.
- Rostec Corporation
- BAE Systems PLC
- DroneShield Limited
- Dedrone GmbH
- Saab AB
- Raytheon Technologies Corporation
- General Dynamics Corporation
- Rheinmetall AG
- L3Harris Technologies, Inc.
- Lockheed Martin Corporation
- Airbus Group SE
- Thales Group
- Leonardo S.p.A.

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To offer a detailed analysis, the Drone Jammer market is segmented based on type, application, and region.

1. Ву Туре

• Handheld Drone Jammers: Portable and easy to use, these jammers are often employed by

security personnel for short-range drone disruption.

• Vehicle-Mounted Drone Jammers: Mounted on vehicles, these jammers are used for mobile and large-area drone interference.

• Fixed Installation Jammers: Designed for permanent installation in sensitive areas, such as airports, military bases, and government buildings, to protect against drone threats.

• Aerial Drone Jammers: Deployed from drones, these systems are used to intercept and neutralize hostile drones mid-flight.

2. By Application

• Military & Defense: Significant demand for drone jammers from military and defense sectors for counter-terrorism, border protection, and surveillance operations.

• Commercial: Increasing adoption of drone jammers in commercial sectors like airports, stadiums, and large-scale events to ensure public safety.

• Law Enforcement: Growing use in law enforcement agencies for securing public spaces and controlling drones in restricted areas.

• Critical Infrastructure Protection: Protection of sensitive facilities, including government buildings, power plants, and nuclear facilities, from unauthorized drone surveillance or attacks.

• Other Applications: Including prisons, oil & gas industries, and large industrial sites.

3. By Region

• North America: Dominates the market, particularly due to rising security concerns, advanced military capabilities, and the presence of key industry players in the U.S.

• Europe: Strong growth driven by military investments and increasing adoption of drone jamming solutions for protecting public spaces and critical infrastructure.

• Asia-Pacific: The fastest-growing region due to rapid technological advancements, growing defense budgets, and rising demand for security solutions across emerging markets like China and India.

• Rest of the World (RoW): Steady growth expected in regions such as Latin America, the Middle East, and Africa, where governments and private entities are increasingly prioritizing security.

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The global Drone Jammer market is experiencing rapid growth, driven by the increasing concerns over unauthorized drone activities and the need for effective countermeasures. The market is poised to expand significantly during the forecast period, with technological advancements in jamming systems playing a crucial role in enhancing their effectiveness. With applications across military, law enforcement, and commercial sectors, the demand for drone jammers is expected to rise as the threat landscape evolves. As security agencies and private entities continue to invest in counter-drone technologies, the drone jammer market is positioned for substantial growth in the coming years.

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