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Global Anti-Drone Technology Market 2025 by Company, Regions, Type and Application, Forecast to 2031

https://marketpublishers.com/r/GFFCFC16DD9EEN.html
Date: June 2025
Pages: 104
Price: US$ 3,480.00 (Single User License)
ID: GFFCFC16DD9EEN

Abstracts

According to our (Global Info Research) latest study, the global Anti-Drone Technology market size was valued at US$ 1755 million in 2024 and is forecast to a readjusted size of USD 2587 million by 2031 with a CAGR of 5.8% during review period.

Anti-Drone Technology encompasses a wide range of countermeasures that detect, identify, track, disable or destroy UAVs. Often multiple sensors and devices will be integrated into a single anti-drone system.

The global anti-drone technology market refers to the market for technologies and systems designed to detect, identify, track, and mitigate the threats posed by unmanned aerial vehicles (UAVs), commonly known as drones. Anti-drone technology aims to ensure the safety and security of various sectors such as defense, homeland security, critical infrastructure, public venues, and private properties.

The market for anti-drone technology has experienced significant growth in recent years, primarily due to the increasing usage of drones across various sectors and the potential risks associated with their misuse. As drones become more accessible and affordable, their unauthorized use for criminal activities, espionage, terrorism, or privacy invasion has become a concern.

One of the key drivers of market growth is the rising number of security and safety breaches involving drones. Governments, defense organizations, and private companies are investing in anti-drone technology to protect sensitive areas, events, and facilities. Anti-drone systems typically include a combination of detection sensors, classification and identification technologies, and countermeasures to neutralize or

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disable drones.

Moreover, the regulatory environment is also contributing to the market growth. Governments and aviation authorities worldwide are developing stringent regulations to address the potential risks of drone operations. These regulations mandate the use of anti-drone systems in critical areas such as airports, government installations, and public gatherings, thereby driving the demand for anti-drone technology.

Furthermore, technological advancements in anti-drone systems are fueling the market. Manufacturers are developing innovative solutions such as radar systems, radio frequency (RF) sensors, electromagnetic pulse (EMP) devices, jamming systems, and even trained birds of prey to detect and neutralize drones. Additionally, the integration of artificial intelligence (AI) and machine learning algorithms enables more accurate drone detection and identification.

However, challenges exist in the anti-drone technology market. One of the key challenges is the dynamic nature of drone technology. As drone capabilities evolve, so do the countermeasures required to neutralize them effectively. This necessitates constant innovation and regular updates of anti-drone systems.

Moreover, the increasing use of commercial drones for legitimate purposes such as delivery services or monitoring operations poses a challenge for anti-drone technology. Differentiating between authorized and unauthorized drones and preventing false positives is crucial to avoid disrupting legitimate drone operations.

In conclusion, the global anti-drone technology market is witnessing significant growth due to the increasing use of drones and the associated security risks. The market is driven by the need to protect critical infrastructure, public safety, and privacy. Technological advancements and regulatory initiatives are shaping the market, although challenges exist in terms of keeping pace with evolving drone capabilities and avoiding disruption to legitimate drone operations. The market is expected to continue growing as the demand for effective anti-drone solutions remains high.

This report is a detailed and comprehensive analysis for global Anti-Drone Technology market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some

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of the selected leaders for the year 2025, are provided.

Key Features:

Global Anti-Drone Technology market size and forecasts, in consumption value ($ Million), 2020-2031

Global Anti-Drone Technology market size and forecasts by region and country, in consumption value ($ Million), 2020-2031

Global Anti-Drone Technology market size and forecasts, by Type and by Application, in consumption value ($ Million), 2020-2031

Global Anti-Drone Technology market shares of main players, in revenue ($ Million), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Anti-Drone Technology

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Anti-Drone Technology market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Saab AB, Dedrone, Thales Group, Lockheed Martin, Liteye Systems Inc., Theiss UAV Solutions LLC, Raytheon DroneShield Ltd, Blighter Surveillance Systems Ltd, Boeing, Fortem Technologies, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

Anti-Drone Technology market is split by Type and by Application. For the period

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2020-2031, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Drone Detection Systems

Drone Neutralizing Systems

Others

Market segment by Application

Military and Defence

Public

Critical Infrastructure

Energy and Utilities

Stadiums and Arenas

Airports

Others

Market segment by players, this report covers

Saab AB

Dedrone

Thales Group

Lockheed Martin

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Liteye Systems Inc.

Theiss UAV Solutions LLC

Raytheon DroneShield Ltd

Blighter Surveillance Systems Ltd

Boeing

Fortem Technologies

Droneshield

AerialX

SRC, Inc.

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Anti-Drone Technology product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Anti-Drone Technology, with revenue, gross

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margin, and global market share of Anti-Drone Technology from 2020 to 2025.

Chapter 3, the Anti-Drone Technology competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2020 to 2031

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2020 to 2025.and Anti-Drone Technology market forecast, by regions, by Type and by Application, with consumption value, from 2026 to 2031.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Anti-Drone Technology.

Chapter 13, to describe Anti-Drone Technology research findings and conclusion.

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