

Global Anti-drone Market Size Study by Component (Hardware, Software), Type (Ground Based, Handheld), Range (Less than 5 km), Technology, Mitigation, Defense, and End Use, and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G0411895B0B8EN.html>

Date: February 2025

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: G0411895B0B8EN

Abstracts

The Global Anti-drone Market is valued at approximately USD 1.70 billion in 2023 and is projected to grow at a robust CAGR of 26.7% over the forecast period from 2024 to 2032. The anti-drone market represents an innovative defense technology aimed at identifying, tracking, and neutralizing unauthorized drones. With the proliferation of drones across industries, concerns surrounding public safety, privacy, and national security have surged, driving demand for effective anti-drone solutions. From critical infrastructure protection to securing sensitive locations and airspace, this technology offers diverse applications. Increasing investment in research and development has paved the way for advanced solutions capable of mitigating a wide range of drone threats, ensuring safety and regulatory compliance.

A key driver for market growth is the rising adoption of drones for commercial and recreational purposes, coupled with their misuse for illegal activities such as smuggling, espionage, and terrorism. To combat these challenges, governments and private organizations are heavily investing in anti-drone technologies. For instance, advanced electronic countermeasure systems that can jam drone communication signals or disable them with directed energy weapons are gaining traction. Additionally, significant initiatives, such as collaborative efforts between defense agencies and tech companies, are fostering innovation in drone detection and mitigation strategies. However, factors such as the high cost of deployment and technical limitations in urban environments may hinder market growth during the forecast period.

The regional analysis indicates that North America currently dominates the anti-drone market, driven by strong government regulations, significant military budgets, and ongoing technological advancements. The U.S., in particular, has been at the forefront, with defense agencies deploying anti-drone solutions to secure borders and protect critical assets. Meanwhile, the Asia-Pacific region is expected to witness the fastest growth, supported by increasing security concerns, rapid adoption of drones, and initiatives to enhance defense capabilities. Key players in the market are leveraging partnerships and acquisitions to expand their global footprint and strengthen their technological edge.

The competitive landscape features several prominent players, each contributing to advancements in the market. These players focus on innovation, strategic alliances, and regional expansions to gain a competitive edge. Their efforts have collectively strengthened the development of effective and scalable anti-drone solutions.

Major market players included in this report are:

Lockheed Martin Corporation

Raytheon Technologies Corporation

Thales Group

Leonardo S.p.A.

Northrop Grumman Corporation

Elbit Systems Ltd.

Saab AB

Boeing Company

Dedrone, Inc.

DroneShield Ltd.

Liteye Systems, Inc.

Blighter Surveillance Systems Ltd.

Anduril Industries

Israel Aerospace Industries

SRC, Inc.

The detailed segments and sub-segment of the market are explained below:

By Component

Hardware

Software

By Type

Ground Based

Handheld

By Range

Less than 5 km

By Technology

Electronic Countermeasures

Laser Systems

Kinetic Systems

Others

By Mitigation

Detection and Interdiction

Neutralization

By Defense

Military Applications

Homeland Security

By End Use

Government and Law Enforcement

Critical Infrastructure

Commercial

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical Year – 2022

Base Year – 2023

Forecast Period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approaches.

Analysis of the competitive structure of the market.

Demand-side and supply-side analysis of the market.

Contents

CHAPTER 1. GLOBAL ANTI-DRONE MARKET EXECUTIVE SUMMARY

- 1.1. Global Anti-drone Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Component
 - 1.3.2. By Type
 - 1.3.3. By Range
 - 1.3.4. By Technology
 - 1.3.5. By Mitigation
 - 1.3.6. By Defense
 - 1.3.7. By End Use
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL ANTI-DRONE MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory Frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study

2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL ANTI-DRONE MARKET DYNAMICS

3.1. Market Drivers

- 3.1.1. Rising Drone Proliferation and Associated Threats
- 3.1.2. Increased Investment in Defense and Security Technologies
- 3.1.3. Advancements in Anti-drone Detection and Neutralization Technologies

3.2. Market Challenges

- 3.2.1. High Cost of Anti-drone Systems Deployment
- 3.2.2. Technical Limitations in Urban Environments

3.3. Market Opportunities

- 3.3.1. Growth in Commercial Drone Usage and the Need for Regulation
- 3.3.2. Innovation in Directed Energy Weapons and Electronic Countermeasures
- 3.3.3. Expanding Applications Beyond Military to Civilian Sectors

CHAPTER 4. GLOBAL ANTI-DRONE MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top Investment Opportunities

4.4. Top Winning Strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL ANTI-DRONE MARKET SIZE & FORECASTS BY COMPONENT 2022-2032

5.1. Segment Dashboard

5.2. Global Anti-drone Market: Component Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

5.2.1. Hardware

5.2.2. Software

CHAPTER 6. GLOBAL ANTI-DRONE MARKET SIZE & FORECASTS BY TYPE 2022-2032

6.1. Segment Dashboard

6.2. Global Anti-drone Market: Type Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

6.2.1. Ground Based

6.2.2. Handheld

CHAPTER 7. GLOBAL ANTI-DRONE MARKET SIZE & FORECASTS BY RANGE 2022-2032

7.1. Segment Dashboard

7.2. Global Anti-drone Market: Range Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

7.2.1. Less than 5 km

CHAPTER 8. GLOBAL ANTI-DRONE MARKET SIZE & FORECASTS BY TECHNOLOGY 2022-2032

8.1. Segment Dashboard

8.2. Global Anti-drone Market: Technology Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

8.2.1. Electronic Countermeasures

8.2.2. Laser Systems

8.2.3. Kinetic Systems

8.2.4. Others

CHAPTER 9. GLOBAL ANTI-DRONE MARKET SIZE & FORECASTS BY MITIGATION 2022-2032

9.1. Segment Dashboard

9.2. Global Anti-drone Market: Mitigation Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

9.2.1. Detection and Interdiction

9.2.2. Neutralization

CHAPTER 10. GLOBAL ANTI-DRONE MARKET SIZE & FORECASTS BY DEFENSE 2022-2032

10.1. Segment Dashboard

10.2. Global Anti-drone Market: Defense Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

10.2.1. Military Applications

10.2.2. Homeland Security

CHAPTER 11. GLOBAL ANTI-DRONE MARKET SIZE & FORECASTS BY END USE 2022-2032

11.1. Segment Dashboard

11.2. Global Anti-drone Market: End Use Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

11.2.1. Government and Law Enforcement

11.2.2. Critical Infrastructure

11.2.3. Commercial

CHAPTER 12. GLOBAL ANTI-DRONE MARKET SIZE & FORECASTS BY REGION 2022-2032

12.1. North America Anti-drone Market

12.1.1. U.S. Anti-drone Market

12.1.1.1. Component breakdown size & forecasts, 2022-2032

12.1.1.2. End Use breakdown size & forecasts, 2022-2032

12.1.2. Canada Anti-drone Market

12.2. Europe Anti-drone Market

12.2.1. U.K. Anti-drone Market

12.2.2. Germany Anti-drone Market

12.2.3. France Anti-drone Market

12.2.4. Spain Anti-drone Market

- 12.2.5. Italy Anti-drone Market
- 12.2.6. Rest of Europe Anti-drone Market
- 12.3. Asia-Pacific Anti-drone Market
 - 12.3.1. China Anti-drone Market
 - 12.3.2. India Anti-drone Market
 - 12.3.3. Japan Anti-drone Market
 - 12.3.4. Australia Anti-drone Market
 - 12.3.5. South Korea Anti-drone Market
 - 12.3.6. Rest of Asia Pacific Anti-drone Market
- 12.4. Latin America Anti-drone Market
 - 12.4.1. Brazil Anti-drone Market
 - 12.4.2. Mexico Anti-drone Market
 - 12.4.3. Rest of Latin America Anti-drone Market
- 12.5. Middle East & Africa Anti-drone Market
 - 12.5.1. Saudi Arabia Anti-drone Market
 - 12.5.2. South Africa Anti-drone Market
 - 12.5.3. Rest of Middle East & Africa Anti-drone Market

CHAPTER 13. COMPETITIVE INTELLIGENCE

- 13.1. Key Company SWOT Analysis
 - 13.1.1. Lockheed Martin Corporation
 - 13.1.2. Raytheon Technologies Corporation
 - 13.1.3. Thales Group
- 13.2. Top Market Strategies
- 13.3. Company Profiles
 - 13.3.1. Lockheed Martin Corporation
 - 13.3.1.1. Key Information
 - 13.3.1.2. Overview
 - 13.3.1.3. Financial (Subject to Data Availability)
 - 13.3.1.4. Product Summary
 - 13.3.1.5. Market Strategies
 - 13.3.2. Raytheon Technologies Corporation
 - 13.3.3. Thales Group
 - 13.3.4. Leonardo S.p.A.
 - 13.3.5. Northrop Grumman Corporation
 - 13.3.6. Elbit Systems Ltd.
 - 13.3.7. Saab AB
 - 13.3.8. Boeing Company

- 13.3.9. DEDRONE, Inc.
- 13.3.10. DroneShield Ltd.
- 13.3.11. Liteye Systems, Inc.
- 13.3.12. Blighter Surveillance Systems Ltd.
- 13.3.13. Anduril Industries
- 13.3.14. Israel Aerospace Industries
- 13.3.15. SRC, Inc.

CHAPTER 14. RESEARCH PROCESS

- 14.1. Research Process
 - 14.1.1. Data Mining
 - 14.1.2. Analysis
 - 14.1.3. Market Estimation
 - 14.1.4. Validation
 - 14.1.5. Publishing
- 14.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Anti-drone market, report scope

TABLE 2. Global Anti-drone market estimates & forecasts by Region 2022-2032 (USD Million/Billion)

TABLE 3. Global Anti-drone market estimates & forecasts by Component 2022-2032 (USD Million/Billion)

TABLE 4. Global Anti-drone market estimates & forecasts by Type 2022-2032 (USD Million/Billion)

TABLE 5. Global Anti-drone market estimates & forecasts by Range 2022-2032 (USD Million/Billion)

TABLE 6. Global Anti-drone market estimates & forecasts by Technology 2022-2032 (USD Million/Billion)

TABLE 7. Global Anti-drone market estimates & forecasts by Mitigation 2022-2032 (USD Million/Billion)

TABLE 8. Global Anti-drone market estimates & forecasts by Defense 2022-2032 (USD Million/Billion)

TABLE 9. Global Anti-drone market estimates & forecasts by End Use 2022-2032 (USD Million/Billion)

TABLE 10. Global Anti-drone market by segment, estimates & forecasts, 2022-2032 (USD Million/Billion)

TABLE 11. Global Anti-drone market by region, estimates & forecasts, 2022-2032 (USD Million/Billion)

TABLE 12. Global Anti-drone market by segment, estimates & forecasts, 2022-2032 (USD Million/Billion)

TABLE 13. Global Anti-drone market by region, estimates & forecasts, 2022-2032 (USD Million/Billion)

TABLE 14. Global Anti-drone market by segment, estimates & forecasts, 2022-2032 (USD Million/Billion)

TABLE 15. U.S. Anti-drone market estimates & forecasts, 2022-2032 (USD Million/Billion)

TABLE 16. U.S. Anti-drone market estimates & forecasts by segment 2022-2032 (USD Million/Billion)

TABLE 17. U.S. Anti-drone market estimates & forecasts by segment 2022-2032 (USD Million/Billion)

TABLE 18. Canada Anti-drone market estimates & forecasts, 2022-2032 (USD Million/Billion)

TABLE 19. Canada Anti-drone market estimates & forecasts by segment 2022-2032
(USD Million/Billion)

TABLE 20. Canada Anti-drone market estimates & forecasts by segment 2022-2032
(USD Million/Billion)

...

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Anti-drone market, research methodology
- FIG 2. Global Anti-drone market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Anti-drone market, key trends 2023
- FIG 5. Global Anti-drone market, growth prospects 2022-2032
- FIG 6. Global Anti-drone market, Porter's 5 Force Model
- FIG 7. Global Anti-drone market, PESTEL analysis
- FIG 8. Global Anti-drone market, value chain analysis
- FIG 9. Global Anti-drone market by segment, 2022 & 2032 (USD Million/Billion)
- FIG 10. Global Anti-drone market by segment, 2022 & 2032 (USD Million/Billion)
- FIG 11. Global Anti-drone market by segment, 2022 & 2032 (USD Million/Billion)
- FIG 12. Global Anti-drone market by segment, 2022 & 2032 (USD Million/Billion)
- FIG 13. Global Anti-drone market by segment, 2022 & 2032 (USD Million/Billion)
- FIG 14. Global Anti-drone market, regional snapshot 2022 & 2032
- FIG 15. North America Anti-drone market 2022 & 2032 (USD Million/Billion)
- FIG 16. Europe Anti-drone market 2022 & 2032 (USD Million/Billion)
- FIG 17. Asia Pacific Anti-drone market 2022 & 2032 (USD Million/Billion)
- FIG 18. Latin America Anti-drone market 2022 & 2032 (USD Million/Billion)
- FIG 19. Middle East & Africa Anti-drone market 2022 & 2032 (USD Million/Billion)
- FIG 20. Global Anti-drone market, company market share analysis (2023)

...

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

I would like to order

Product name: Global Anti-drone Market Size Study by Component (Hardware, Software), Type (Ground Based, Handheld), Range (Less than 5 km), Technology, Mitigation, Defense, and End Use, and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G0411895B0B8EN.html>

Price: US\$ 3,750.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G0411895B0B8EN.html>