

# Asia-Pacific Counter-UAV (Anti-Drone) Market: Focus on End User, Technology Type, and Country - Analysis and Forecast, 2025-2035

<https://marketpublishers.com/r/AA19BE4285A5EN.html>

Date: May 2026

Pages: 81

Price: US\$ 3,250.00 (Single User License)

ID: AA19BE4285A5EN

## Abstracts

The APAC counter-UAV (anti-drone) market is poised for substantial growth, driven by increasing defense expenditures, rising drone-related security threats, and rapid technological advancements across countries such as China, India, Japan, and South Korea. The Asia-Pacific counter-UAV (anti-drone) market is expected to grow from \$883.0 million in 2025 to \$7,651.8 million by 2035, at a CAGR of 24.10%, creating strong growth opportunities for the Asia-Pacific region. As governments prioritize airspace security and border surveillance, APAC is emerging as a high-growth region, supported by military modernization programs and expanding applications of anti-drone systems in both defense and civilian sectors.

## Market Introduction

The APAC counter-UAV (anti-drone) market is rapidly evolving as unmanned aerial vehicles (UAVs) become increasingly accessible and widely used across commercial, recreational, and military domains. Counter-UAV systems are designed to detect, track, and neutralize unauthorized drones through technologies such as radar, radio-frequency (RF) detection, jamming systems, and directed energy weapons.

In Asia-Pacific, the growing adoption of drones for applications such as logistics, agriculture, surveillance, and infrastructure monitoring has led to a parallel rise in security concerns. Unauthorized drone activities, including cross-border intrusions, espionage, and potential drone-based attacks, have prompted governments to invest heavily in counter-drone technologies. Countries such as China and India are strengthening their air defense capabilities, while Japan and South Korea are focusing on advanced electronic warfare and AI-based detection systems.

Additionally, large-scale public events, critical infrastructure, and urban security frameworks are increasingly incorporating anti-drone solutions to mitigate risks. Regulatory bodies across APAC are also working toward establishing frameworks for drone usage and countermeasure deployment, further supporting market growth.

The convergence of defense needs, commercial applications, and regulatory developments is transforming the APAC counter-UAV market into a dynamic ecosystem, fostering innovation and encouraging collaborations between governments, defense contractors, and technology providers.

## **Market Segmentation**

### Segmentation 1: By End User

Defense

Commercial

Homeland Security

### Segmentation 2: By Technology Type

Detection

Interdiction

### Segmentation 3: by Country

China

India

Japan

South Korea

Rest-of-Asia-Pacific

## **Market Trends, Drivers, and Challenges**

### Market Trends

Growing adoption of AI-enabled drone detection and tracking systems

Development of counter-drone solutions for swarm drone mitigation

Integration of multi-layered defense systems combining detection and interdiction

Increasing use of directed energy weapons and electronic warfare systems

### Market Drivers

Rising geopolitical tensions and cross-border drone incidents

Increasing defense budgets across major APAC economies

Expansion of commercial drone applications requiring countermeasures

Growing need to secure critical infrastructure, airports, and public events

### Market Challenges

High costs associated with advanced counter-UAV technologies

Lack of standardized regulations across APAC countries

Difficulty in detecting low-altitude and small drones

Risk of interference with legitimate communication systems

## How This Report Can Add Value?

**Product/Innovation Strategy:** The product segment helps the reader understand the different types of services available globally. Moreover, the study provides the reader with a detailed understanding of the APAC counter-UAV (anti-drone) market by product, based on the method of end user, technology, and platform.

**Growth/Marketing Strategy:** The APAC counter-UAV (anti-drone) market has witnessed major development by key players operating in the market, such as business expansion, partnership, collaboration, and joint ventures. The favored strategy for the companies has been synergistic activities to strengthen their position in the market.

**Competitive Strategy:** Key players in the APAC counter-UAV (anti-drone) market have been analyzed and profiled in the study of counter-UAV (anti-drone) products. Moreover, a detailed competitive benchmarking of the players operating in the market has been done to help the reader understand how players stack against each other, presenting a clear market landscape. Additionally, comprehensive competitive strategies such as partnerships, agreements, and collaborations will aid the reader in understanding the untapped revenue pockets in the market.

**Methodology:** The research methodology design adopted for this specific study includes a mix of data collected from primary and secondary data sources. Both primary resources (key players, market leaders, and in-house experts) and secondary research (a host of paid and unpaid databases), along with analytical tools, have been employed to build the predictive and forecast models.

Hard copy option is available on any of the options above at an additional charge of \$500. Please email us at [order@marketpublishers.com](mailto:order@marketpublishers.com) with your request.

This report will be delivered in 2 working days.

## Contents

Executive Summary  
Scope and Definition

### **1 MARKET: INDUSTRY OUTLOOK**

#### 1.1 Trends: Current and Future Impact Assessment

- 1.1.1 Swarm-Mitigation Strategies
- 1.1.2 Autonomous Response and Decision-Support Systems
- 1.1.3 Integration with C4ISR and Battle-Management
- 1.1.4 Miniaturization and Portability Trends
- 1.1.5 Commercial-Civil Fusion

#### 1.2 Supply Chain Overview

- 1.2.1 Key Players within the Supply Chain
- 1.2.2 Value-Chain Analysis

#### 1.3 Patent Analysis

- 1.3.1 Patent Filing Trend (by Country)
- 1.3.2 Patent Filing Trend (by Company)

#### 1.4 Regulatory Landscape

- 1.4.1 National Counter-UAS Frameworks
  - 1.4.1.1 China's Military-Driven C-UAS Mandates
- 1.4.2 Export Controls and ITAR/EAR: Restrictions on Cross-Border Transfer of C-UAS Hardware/Software

#### 1.4.3 Spectrum Allocation and Jamming Permissions: Licensing Processes for RF Mitigation Equipment

#### 1.4.4 Privacy, Data Protection, and Airspace Rights: Emerging Laws around Drone Tracking Data and National Airspace Access

#### 1.4.5 International Coordination and Standards: NATO STANAGs, ICAO Guidance on UAS Integration and Counter-Measures

#### 1.5 Technological Analysis

#### 1.5.1 Sensor Fusion Architectures: EKF, AI-Driven Data Fusion Combining RF, Radar, EO/IR, and Acoustic Inputs

#### 1.5.2 Detection Sub-Systems: RF Signature Scanners, UHF/VHF/GPS Spoofing Identification, 4D AESA Radar Performance

#### 1.5.3 Platform Form Factors: Handheld vs. Vehicle-Mounted vs. Fixed-Site Modular Units

#### 1.5.4 Emerging Tech and R&D Focus: Quantum-Radar Proof-of-Concepts, Anti-Swarm AI Algorithms, Micro-DEW Prototypes

## 1.6 Case Studies

1.6.1 Case Study: Asian Government Security Service, Homeland Security, Asia-Pacific

1.6.2 Case Study: Indian Navy – Indigenous Naval Anti-Drone System, Defense, Asia-Pacific

## 1.7 Ongoing/Upcoming Programs and Contracts in Counter-UAS (Anti-Drone) Technology

1.7.1 Investor Trends and Funding Momentum

1.7.2 Regional Hubs and Notable Start-Up Activity

1.7.2.1 India

## 1.8 Market Dynamics

1.8.1 Drivers, Challenges, and Opportunities: Current and Future Impact Assessment

1.8.2 Market Drivers

1.8.2.1 Growth in Defense and Homeland-Security Budgets

1.8.2.2 Geopolitical Tensions and Conflict-Driven Demand

1.8.2.3 Proliferation of UAVs

1.8.2.4 Critical Infrastructure Protection Needs

1.8.2.5 Technological Enablers (AI, Sensor Fusion)

1.8.3 Market Challenges

1.8.3.1 High-Cost System and Lifecycle Costs

1.8.3.2 Regulatory and Legal Uncertainties

1.8.3.3 Technical Integration Complexity

1.8.3.4 Spectrum Congestion and RF Licensing

1.8.4 Market Opportunities

1.8.4.1 AI/ML-Enabled Autonomous C-UAS

1.8.4.2 Directed-Energy Weapon (DEW) Commercialization

1.8.4.3 Urban and Smart-City Security Solutions

## 2 REGION

### 2.1 Regional Summary

#### 2.2 Asia-Pacific

2.2.1 Regional Overview

2.2.2 Driving Factors for Market Growth

2.2.3 Factors Challenging the Market

2.2.4 Application

2.2.5 Product

2.2.6 China

2.2.6.1 Application

- 2.2.6.2 Product
- 2.2.7 Japan
  - 2.2.7.1 Application
  - 2.2.7.2 Product
- 2.2.8 India
  - 2.2.8.1 Application
  - 2.2.8.2 Product
- 2.2.9 South Korea
  - 2.2.9.1 Application
  - 2.2.9.2 Product
- 2.2.10 Rest-of-Asia Pacific
  - 2.2.10.1 Application
  - 2.2.10.2 Product

### **3 MARKETS - COMPETITIVE BENCHMARKING & COMPANY PROFILES**

- 3.1 DroneShield Limited
  - 3.1.1 Overviews
  - 3.1.2 Top Products/Product Portfolio
  - 3.1.3 Top Competitors
  - 3.1.4 Target Customers
  - 3.1.5 Key Personnel
  - 3.1.6 Analyst View
  - 3.1.7 Market Share, 2024
- 3.2 RTX Corporation
  - 3.2.1 Overview
  - 3.2.2 Top Products/Product Portfolio
  - 3.2.3 Top Competitors
  - 3.2.4 Target Customers
  - 3.2.5 Key Personnel
  - 3.2.6 Analyst View
  - 3.2.7 Market Share, 2024

### **4 RESEARCH METHODOLOGY**

- 4.1 Data Sources
  - 4.1.1 Primary Data Sources
  - 4.1.2 Secondary Data Sources
  - 4.1.3 Data Triangulation

## 4.2 Market Estimation and Forecast

## List Of Figures

### LIST OF FIGURES

Figure 1: Asia-Pacific Counter-UAV (Anti-Drone) Market (by Scenario), \$Billion, 2025, 2030, and 2035

Figure 2: Asia-Pacific Counter-UAV (Anti-Drone) Market, 2024-2035

Figure 3: Market Snapshot, 2024

Figure 4: Counter-UAV (Anti-Drone) Market, \$Million, 2024 and 2035

Figure 5: Asia-Pacific Counter-UAV (Anti-Drone) Market (by End User), \$Million, 2024, 2030, and 2035

Figure 6: Asia-Pacific Counter-UAV (Anti-Drone) Market (by Technology Type), \$Million, 2024, 2030, and 2035

Figure 7: Supply-Chain Analysis in Counter-UAV (Anti-Drone) Market, 2024

Figure 8: Value-Chain Analysis in Counter-UAV (Anti-Drone) Market, 2024

Figure 9: Patent Filing Trend (by Country), January 2021-July 2025

Figure 10: Patent Filing Trend (by Company), January 2021-July 2025

Figure 11: Case Study: Asian Government Security Service, Homeland Security, Asia-Pacific

Figure 12: Case Study: Indian Navy – Indigenous Naval Anti-Drone System, Defense, Asia-Pacific

Figure 13: Strategic Initiatives, January 2021-July 2025

Figure 14: Data Triangulation

Figure 15: Top-Down and Bottom-Up Approach

Figure 16: Assumptions and Limitations

## List Of Tables

### LIST OF TABLES

Table 1: Market Snapshot

Table 2: Competitive Landscape Snapshot

Table 3: Start-Ups in Counter-UAS Market and Funding

Table 4: Drivers, Challenges, and Opportunities: Current and Future Impact Assessment, 2024-2035

Table 5: Counter-UAV (Anti-Drone) Market (by Region), \$Million, 2024-2035

Table 6: Asia-Pacific Counter-UAV (Anti-Drone) Market (by End User), \$Million, 2024-2035

Table 7: Asia-Pacific Counter-UAV (Anti-Drone) Market (by Technology Type), \$Million, 2024-2035

Table 8: China Counter-UAV (Anti-Drone) Market (by End User), \$Million, 2024-2035

Table 9: China Counter-UAV (Anti-Drone) Market (by Technology Type), \$Million, 2024-2035

Table 10: Japan Counter-UAV (Anti-Drone) Market (by End User), \$Million, 2024-2035

Table 11: Japan Counter-UAV (Anti-Drone) Market (by Technology Type), \$Million, 2024-2035

Table 12: India Counter-UAV (Anti-Drone) Market (by End User), \$Million, 2024-2035

Table 13: India Counter-UAV (Anti-Drone) Market (by Technology Type), \$Million, 2024-2035

Table 14: South Korea Counter-UAV (Anti-Drone) Market (by End User), \$Million, 2024-2035

Table 15: South Korea Counter-UAV (Anti-Drone) Market (by Technology Type), \$Million, 2024-2035

Table 16: Rest-of-Asia Pacific Counter-UAV (Anti-Drone) Market (by End User), \$Million, 2024-2035

Table 17: Rest-of-Asia Pacific Counter-UAV (Anti-Drone) Market (by Technology Type), \$Million, 2024-2035

Table 18: Market Share, 2024

## I would like to order

Product name: Asia-Pacific Counter-UAV (Anti-Drone) Market: Focus on End User, Technology Type, and Country - Analysis and Forecast, 2025-2035

Product link: <https://marketpublishers.com/r/AA19BE4285A5EN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AA19BE4285A5EN.html>