

USA Electronic Toll Collection (ETC) Market 2023

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Abstracts

Unmanned aircraft systems, commonly known as drones or UAVs (unmanned aerial vehicles), are aircraft without any human pilot, crew, or passengers on board. UAS can be remotely piloted or operate autonomously using pre-programmed flight plans and GPS systems. They have a wide range of applications, including military missions, aerial photography, precision agriculture, monitoring, surveillance, infrastructure inspections, product deliveries, entertainment, and more.

The unmanned aircraft systems market in Asia Pacific is likely to register a CAGR of over 11.61% with an incremental growth of USD 7.0 billion during the forecast period 2023-2029. UAS have become essential assets for defense forces worldwide, as they are used for border surveillance, combat operations, and other military missions. The use of UAS in civil and commercial sectors is also growing rapidly. They are employed in applications such as mapping, surveying, weather monitoring, agriculture, inspection, monitoring, law enforcement, and delivery services.

The report covers market size and growth, segmentation, country breakdowns, competitive landscape, trends and strategies for unmanned aircraft systems market in Asia Pacific. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

Market Segmentation

Type: fixed-wing, rotary wing

Capacity: up to 100 kg, over 100 kg

Component: airframe, payload, guidance navigation and control, propulsion system

Application: military, commercial, others

Country: China, Japan, India, Australia, South Korea, Indonesia, Singapore, Rest of

Asia-Pacific

Military: surveillance, emergency, communications, combat operations, search & rescue, others

Commercial: construction, agriculture, oil & gas, mining, logistics, aviation, telecom, others

This industry report offers market estimates and forecasts of the Asia Pacific market, followed by a detailed analysis of the type, capacity, component, application, and country. The Asia Pacific market for unmanned aircraft systems can be segmented by type: fixed-wing, rotary wing. The rotary wing segment held the largest share of the Asia Pacific unmanned aircraft systems market in 2022 and is anticipated to hold its share during the forecast period. Unmanned aircraft systems market is further segmented by capacity: up to 100 kg, over 100 kg. In Asia Pacific, the up to 100 kg segment made up the largest share of the unmanned aircraft systems market. Based on component, the unmanned aircraft systems market is segmented into: airframe, payload, guidance navigation and control, propulsion system. The airframe segment was the largest contributor to the Asia Pacific unmanned aircraft systems market in 2022. On the basis of application, the unmanned aircraft systems market also can be divided into: military, commercial, others. The military segment is estimated to account for the largest share of the unmanned aircraft systems market in Asia Pacific. Unmanned aircraft systems market by country is categorized into: China, Japan, India, Australia, South Korea, Indonesia, Singapore, Rest of Asia-Pacific. China held the largest share of the Asia Pacific unmanned aircraft systems market in 2022 and is anticipated to hold its share during the forecast period.

The military market is further segmented into surveillance, emergency, communications, combat operations, search & rescue, others. In 2022, the surveillance segment made up the largest share of revenue generated by the unmanned aircraft systems market. Furthermore, the commercial market has been categorized into construction, agriculture, oil & gas, mining, logistics, aviation, telecom, others. Among these, the construction segment was accounted for the highest revenue generator in 2022.

Major Companies and Competitive Landscape

The report also provides a detailed analysis of several leading unmanned aircraft systems market vendors that include 3D Robotics, Inc., AeroVironment, Inc., AgEagle Aerial Systems Inc., Delair SAS, Parrot S.A., PrecisionHawk, Inc., SZ DJI Technology Co., Ltd., Teledyne Technologies Incorporated, Thales S.A., among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

Scope of the Report

To analyze and forecast the market size of the unmanned aircraft systems market in Asia Pacific.

To classify and forecast the unmanned aircraft systems market in Asia Pacific based on type, capacity, component, application, country.

To identify drivers and challenges for the unmanned aircraft systems market in Asia Pacific.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the unmanned aircraft systems market in Asia Pacific.

To identify and analyze the profile of leading players operating in the unmanned aircraft systems market in Asia Pacific.

Why Choose This Report

Gain a reliable outlook of the unmanned aircraft systems market in Asia Pacific forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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