

Global Small Drones Market Size study & Forecast, by Type (Fixed Wing, Rotary Wing, Hybrid Wing), by Maximum Take-off Weight (Less than 5 kg, 5 to 25 kg, Above 25 to 150 kg), by Power Source (Fuel Powered, Battery Powered), by End-use (Defense, Consumer, Commercial, Civil) and Regional Analysis, 2023-2030

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Abstracts

Global Small Drones Market is valued at approximately USD xx billion in 2022 and is anticipated to grow with a healthy growth rate of more than xx% during the forecast period 2023-2030. Small Drones also known as Unmanned Aerial Vehicles (UAVs) or Unmanned Aerial Systems (UAS), are compact and lightweight aerial vehicles that are typically operated without a human pilot on board. These drones can be controlled remotely by an operator or autonomously programmed to perform specific tasks. Small drones come in various sizes, shapes, and configurations, and they are generally characterized by their portability, ease of use, and versatility. The Small Drones Market is expanding because of factors such as rising demand for law enforcement drones and growing demand for Cinematography drones. As a result, the demand for Small Drones has progressively increased in the international market during the forecast period 2023-2030.

Small drones are valuable tools in search and rescue missions as they can be able to cover large areas more efficiently than ground teams, and their aerial perspective helps locate missing persons or assess disaster-stricken areas. The use of drones expedites the search process, increasing the chances of successful outcomes. According to Statista, the global law enforcement drone market accounted for USD 500 million in 2020 projected to reach up to USD 2.8 billion by the year 2030. Another important factor that drives the Small Drones Market is the increasing demand for cinematography

drones. Cinematography drones are equipped with high-quality cameras that can capture cinematic shots from unique and elevated angles. This capability is particularly appealing to filmmakers and content creators, as it allows them to achieve shots that were once difficult or impossible without expensive equipment such as helicopters. In addition, as per Statista, the global cinematography drone market accounts for USD 100 million in 2020 and is projected to reach up to USD 1 billion by the year 2030. Moreover, the rising adoption of real-time traffic monitoring and rising demand for crop monitoring and surveying solutions are anticipated to create lucrative growth opportunities for the market over the forecast period. However, the lack of standardized air traffic regulations and the high cost associated with small drones is going to impede overall market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Small Drones Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the increase in defense spending in the region. Higher defense budgets can allocate funds for research and development activities related to drone technology. This could lead to the creation of more advanced and sophisticated small drones with improved capabilities, such as longer flight times, enhanced sensors, and increased autonomy. The region's dominant performance is anticipated to propel the overall demand for Small Drones. Furthermore, Asia Pacific is expected to grow fastest over the forecast period, owing to factors such as rising government investment in small drone technology advancements in the region.

Major market player included in this report are:

Aeronautics Ltd

AeroVironment, Inc.

Autel Robotics Co., Ltd.

BAE Systems plc

Elbit Systems Ltd.

Holy Stone Enterprise Co., Ltd.

Israel Aerospace Industries Ltd

Lockheed Martin Corporation

Microdrones Gmbh

Northrop Grumman Corporation

Recent Developments in the Market:

In January 2023, Autel introduced the EVO Max 4T, a tiny drone with a thermal zoom camera and a range finder in one package designed for first responders. The EVO Max 4T is an enterprise drone that appears to be designed for first responders or large-scale enterprise applications. The camera system includes a 640x512 thermal sensor, a 1/2-inch 50MP wide camera, and a 1/1.68-inch 48MP zoom camera.

Global Small Drones Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Type, Maximum Take-off Weight, Power Source, End-use, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in

recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type

Fixed Wing

Rotary Wing

Hybrid Wing

By Maximum Take-off Weight

Less than 5 kg

5 to 25 kg

Above 25 to 150 kg

By Power Source

Fuel Powered

Battery Powered

By End-use

Defense

Consumer

Commercial

Civil

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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