

Global Firefighting Drone Market Size study & Forecast, by Type (Fixed Wing, Multi-rotor) by Propulsion

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Abstracts

Global Firefighting Drone Market is valued approximately USD 0.97 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 10.2% over the forecast period 2022-2029. Fire departments are seeing large benefits from the use of drones during structure fires and search and rescue missions. In the case of a structure fire drone can be deployed to assess the scene before the firefighters. When equipped with a thermal camera, the drone can show operators where the hotspots are, and can see through smoke and in low light conditions. The Firefighting Drone market is expanding because of factors such as Advanced drone packs to extinguish wildfire and increase in fire-related incidents in the oil & gas industry supplements. However, Delay in delivery of Firefighting Drone and high capital requirement may halt market growth.

According to the Statista, in 2020, the defense segment of the global drone market maintained the largest market size with 8 billion U.S. dollars. Other segments that make up the global drone market include enterprise, consumer, public safety, logistics, and passenger. Of these segments, enterprise is anticipated to remain the fastest growing segment up until 2025, while logistics will take the lead and become the fastest growing segment after 2025. However, the high cost of Firefighting Drone stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Firefighting Drone Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the space in terms of revenue, owing to the key market players production rate with the likes of Boeing, Lockheed Martin Etc. Moreover, Europe is expected to grow significantly during the forecast period, owing to factors such as rising adoption of high-end technologies within the market space.

Major market player included in this report are:

Lockheed Martin Corporation
Elistair
Harris Corporation
BSS Holland B.V
Aerones
Yuneec International Company Limited
Dronefly
DSLRPros
Draganfly Innovations Inc.
AeroVironment Inc.

Recent Developments in the Market:

In November 2022, Lockheed Martin's GridStar® Flow system for long-duration energy storage, Optionally Piloted Black Hawk® helicopter and NASA's James Webb Space Telescope with a Lockheed Martin-built main camera – have been selected by the editors of Popular Science magazine for their 2022 “Best of What’s New” Awards.

Global Firefighting Drone Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

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

Segments Covered Propulsion, Application, Type, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

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

Multi-rotor

By propulsion:

Electric Motor

Piston Engine

Solar Powered

Others

By Application:

Scene Monitoring

Search and Rescue

Post Fire or Disaster Assessment

Firefighting

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

Rest of the World

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