

Global Small Drones Market 2022-2032 by Offering (Hardware, Software, Services), Frame (Fixed Wing, Rotary Blade), Drone Size (Nano, Micro, Mini), Mode of Operation (Remotely Operated, Optionally Piloted, Fully Autonomous), Range (VLOS, EVLOS, BLOS), End User (Consumer, Enterprise, Government & Military), and Region: Trend Forecast and Growth Opportunity

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# **Abstracts**

Global small drones market will reach \$40.15 billion by 2032, growing by 15.3% annually over 2022-2032, driven by the advantages of small UAVs in terms of cost reduction and improved efficiency, the rapid development of drone technology, the rising adoption of small UAVs in civil and commercial applications, increasing deployment of small drones in border patrolling and combating terrorism, and approved regulations to permit the use of UAVs.

Highlighted with 102 tables and 153 figures, this 248-page report "Global Small Drones Market 2022-2032 by Offering (Hardware, Software, Services), Frame (Fixed Wing, Rotary Blade), Drone Size (Nano, Micro, Mini), Mode of Operation (Remotely Operated, Optionally Piloted, Fully Autonomous), Range (VLOS, EVLOS, BLOS), End User (Consumer, Enterprise, Government & Military), and Region: Trend Forecast and Growth Opportunity" is based on a comprehensive research of the entire global small drones market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before



delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

**Growth Drivers** 

Restraints and Challenges

**Emerging Product Trends & Market Opportunities** 

Porter's Fiver Forces

The trend and outlook of global market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify global small drones market in every aspect of the classification from perspectives of Offering, Frame, Drone Size, Mode of Operation, Range, End User, and Region.

Based on Offering, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Hardware

Frame

**Payloads** 

Avionics

**UAV Navigation Systems** 

**UAV Sensors** 

**UAV Flight Control Systems** 

**UAV Communication Systems** 

Other Avionics

Propulsion

**UAV** Engines

**UAV Batteries** 

Data Links

Other Systems

Software

Flight Management Software

**Data Management Software** 

**Drone Mapping Software** 

Image Processing Software

**Data Analytics Software** 

Services



Based on Frame, the global market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Fixed Wing Drones
Rotary Blade Drones
Other Drones

By Drone Size, the global market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Nano Drones

Micro Drones

Mini Drones

By Mode of Operation, the global market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Remotely Operated

Optionally Piloted

**Fully Autonomous** 

By Range, the global market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Visual Line of Sight (VLOS)

Extended Visual Line of Sight (EVLOS)

Beyond Line of Sight (BLOS)

By End User, the global market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Consumer

**Prosumer Drones** 

Toy/Hobby Drones

Other Consumer Drones

Enterprise

Agriculture

Real Estate and Construction

Insurance Industry

**Energy Sector** 



Industry and Manufacture
Logistics and Retail
Other Verticals
Government & Military
Defense and Homeland Security
Police and Public Safety
Firefighting & Disaster Management
Other Applications

Geographically, the following regions together with the listed national/local markets are fully investigated:

North America (U.S., Canada, and Mexico)

Europe (Germany, UK, France, Spain, Italy, Russia, Rest of Europe; Rest of Europe is further segmented into Netherlands, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

APAC (Japan, China, South Korea, Australia, India, and Rest of APAC; Rest of APAC is further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

South America (Brazil, Chile, Argentina, Rest of South America)

MEA (UAE, Saudi Arabia, Qatar, and Rest of MEA)

For each region and country, detailed analysis and data of annual revenue (\$ mn) and shipment (thousand units) are available for 2022-2032. The breakdown of all regional markets by country and the breakdown of each national market by Frame, Drone Size, and End User over the forecast years are also included.

The report also covers the current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

3D Robotics Inc.

Aeronautics Group

AeroVironment Inc.

**Autel Robotics** 

BAE Systems Plc

Elbit Systems Ltd.

Israel Aerospace Industries Ltd.

**Lockheed Martin Corporation** 

Microdrones GmbH

Northrop Grumman Corporation

Parrot Drones S.A.S.



Raytheon Technologies Corporation

Saab AB

Skydio Inc.

SZ DJI Technology Co., Ltd.

Teledyne Flir LLC

Textron, Inc.

Thales Group

The Boeing Company

Turkish Aerospace Industries, Inc. (TAI)

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Elbit Systems Ltd.

Israel Aerospace Industries Ltd.

**Lockheed Martin Corporation** 

Microdrones GmbH

Northrop Grumman Corporation

Parrot Drones S.A.S

Raytheon Technologies Corporation

Saab AB

Skydio Inc.

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