

# Small Drones Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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## Abstracts

### Market Overview:

The global small drones market size reached US\$ 10.1 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 24.2 Billion by 2028, exhibiting a growth rate (CAGR) of 15% during 2023-2028.

Small drones are miniature unmanned aerial vehicles (UAVs) that can be remotely piloted or flown autonomously using a predetermined flight plan. They include nano and micro drones with fixed, rotary, or hybrid wings. Small drones are widely used in aerial photography, three-dimensional (3D) mapping, surveillance, scientific research, inspection, precision agriculture, media coverage, and remote sensing applications. As compared to traditional drones, small drones are more cost-effective, lightweight, highly efficient, easy to handle, and safe to operate indoors and across inaccessible areas. As a result, they find extensive applications in the media and entertainment, defense, agriculture, government, aerospace, e-commerce, and construction industries.

### Small Drones Market Trends:

The widespread product utilization in the military and defense industry across the globe is creating a positive outlook for the market. Small drones are widely used for surveillance, reconnaissance, intelligence gathering, battle damage management, and counter-terrorism operations. Furthermore, increasing product demand for law and enforcement applications, such as traffic monitoring, border management, firefighting, disaster management, maritime security, and rescue operation, is providing a considerable boost to market growth. Additionally, the development of artificial intelligence (AI)-based small drones with automation capabilities, improved power

management, and enhanced maneuverability is providing an impetus to market growth. In line with this, the introduction of light detection and ranging (LIDAR) technology that collects data and is used to make detailed three-dimensional (3D) models for several industries is positively influencing the market growth. Other factors, including widespread product adoption in air logistics services, increasing utilization of small drones for recreational activities, rising demand in scientific exploration projects, and extensive research and development (R&D) activities to enhance the cost-effectiveness and operational life of the device, are anticipated to drive the market toward growth.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global small drones market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on size, type and application.

#### Breakup by Size:

Nano Drones

Micro Drones

#### Breakup by Type:

Fixed Wing

Rotary Wing

#### Breakup by Application:

Military and Defense

Consumer

Consumer and Civil

#### Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Aerovironment Inc., Autel Robotics, Delair, Elbit Systems Ltd., Israel Aerospace Industries, Lockheed Martin Corporation, Microdrones GmbH, Raytheon Technologies Corporation, SZ DJI Technology Co. Ltd., Teledyne FLIR LLC, Textron Inc. and Thales Group.

Key Questions Answered in This Report:

How has the global small drones market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global small drones market?

What are the key regional markets?

What is the breakup of the market based on the size?

What is the breakup of the market based on the type?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global small drones market and who are the key players?

What is the degree of competition in the industry?

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