

Small Drones Market Report and Forecast 2025-2034

Market Report | 2025-08-11 | 179 pages | EMR Inc.

AVAILABLE LICENSES:

- Single User License \$3599.00
- Five User License \$4249.00
- Corporate License \$5099.00

Report description:

The global small drones market size is assessed to grow in the forecast period of 2025-2034 at a CAGR of 13.00%. The market growth is being driven by robust military expenditure towards small drones for defence purposes and increasing usage in various commercial applications.

Increasing technological advancements are a key factor driving the growth of the global small drones market as development of new and improved small drones are bolstering their capabilities and applications. Small drones with superior surveillance capabilities and longer distance compatibility are beneficial for extensive monitoring and search and rescue operations. Integration of advanced technologies such as artificial intelligence and automation are resulting in superior small drones that can perform more advanced functions independently. Growing commercial uses of small drones in areas including product and medical delivery, agriculture monitoring, wildlife, atmospheric research, and airborne remote sensing, are anticipated to have a favourable effect on the market, in the coming years.

Increasing Military Expenditure to Bolster the Small Drones Market Growth

The global market for small drones is being driven by the rising usage of small drones for various commercial and military applications. This can be associated with the compact design of the drone, improved efficiency, enhanced flexibility, and high accuracy, among other features, that aids in boosting productivity. In addition, small-sized drones are commonly available in a variety of shapes and configurations, which enables them to reach closed and confined places, proving beneficial in military and surveillance applications.

The defence sector is one of the major applications of small drones owing to robust investments in the sector by various governments to enhance national security. Small drones for military use are equipped with advanced sensors, cameras, and progressive, user-friendly digital software. In addition, the development of pocket-sized drones by leading manufacturers with strong hardware and lightweight structure, enhanced battery life, and fast speed, are advantageously influencing the market. With growing concerns regarding international conflicts, domestic disputes, and terrorism, countries across the globe are robustly

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

spending on their defence and military systems, increasing the demand for small drones.

Small Drones Market Segmentation

Small drones are unmanned aerial vehicles (SUAV) which are small enough to be man-portable and can be used indoors or outdoors. The size of small drones ranges from mini drones to micro/nano drones and are commonly available as fixed-wing drones, rotary-wing drones, and hybrid/transitional drone types.

Market Breakup by Type

- Fixed-Wing Drones
- Rotary-Wing Drones
- Hybrid/Transitional Drones

Market Breakup by Power Source

- Lithium-Ion
- Solar Cell
- Fuel Cell
- Hybrid Cell

Market Breakup by Size

- Mini Drones
- Micro/Nano Drones

Market Breakup by Application

- Commercial
- Defence

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Commercial Applications to Hold a Significant Small Drones Market Share

Commercial applications of small drones are expected to occupy a significant share in the overall market over the coming years. This is attributable to the rising utility of small drones by the e-commerce industry for delivery. Usage of small drones for delivery purposes enables faster deliveries and lower costs as traffic and travelling costs can be avoided.

The rising popularity of small drones for agricultural purposes, such as crop and livestock monitoring, irrigation management, and fertilisation, among others, are further augmenting the growth of the market for small drones. Characteristics such as lightweight

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

structure, ease in portability, and safety are some of the factors positively influencing the small drones market value .

Key Players in the Global Small Drones Market

The report presents a detailed analysis of the following key players in the global small drones market, looking into their capacity, market share, and latest developments like capacity expansions, plant turnabouts and mergers and acquisitions:

- Aerovironment, Inc.
- Lockheed Martin Corporation
- Aeronautics Ltd.
- Thales Group
- Elbit Systems, Ltd.
- BAE Systems
- Teledyne FLIR LLC
- SZ DJI Technology Co., Ltd.
- Parrot Drone SAS
- Autel Robotics
- BAE Systems
- Skydio, Inc
- Delair
- Guangzhou Walkera Technology Co., Ltd.
- Others

The comprehensive report looks at the micro and macro aspects of the market. The EMR report gives an in-depth insight into the market by providing a SWOT analysis as well as an analysis of the Porter's Five Forces Model.

Table of Contents:

- 1 Executive Summary
 - 1.1 Market Size 2024-2025
 - 1.2 Market Growth 2025(F)-2034(F)
 - 1.3 Key Demand Drivers

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 1.4 Key Players and Competitive Structure
- 1.5 Industry Best Practices
- 1.6 Recent Trends and Developments
- 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
 - 2.1 Market Trends
 - 2.2 Key Verticals
 - 2.3 Key Regions
 - 2.4 Supplier Power
 - 2.5 Buyer Power
 - 2.6 Key Market Opportunities and Risks
 - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
 - 3.1 GDP Outlook
 - 3.2 GDP Per Capita Growth
 - 3.3 Inflation Trends
 - 3.4 Democracy Index
 - 3.5 Gross Public Debt Ratios
 - 3.6 Balance of Payment (BoP) Position
 - 3.7 Population Outlook
 - 3.8 Urbanisation Trends
- 4 Country Risk Profiles
 - 4.1 Country Risk
 - 4.2 Business Climate
- 5 Global Small Drones Market Analysis
 - 5.1 Key Industry Highlights
 - 5.2 Global Small Drones Historical Market (2018-2024)
 - 5.3 Global Small Drones Market Forecast (2025-2034)
 - 5.4 Global Small Drones Market by Type
 - 5.4.1 Fixed-Wing Drones
 - 5.4.1.1 Historical Trend (2018-2024)
 - 5.4.1.2 Forecast Trend (2025-2034)
 - 5.4.2 Rotary-Wing Drones
 - 5.4.2.1 Historical Trend (2018-2024)
 - 5.4.2.2 Forecast Trend (2025-2034)
 - 5.4.3 Hybrid/Transitional Drones
 - 5.4.3.1 Historical Trend (2018-2024)
 - 5.4.3.2 Forecast Trend (2025-2034)
 - 5.5 Global Small Drones Market by Power Source
 - 5.5.1 Lithium-Ion
 - 5.5.1.1 Historical Trend (2018-2024)
 - 5.5.1.2 Forecast Trend (2025-2034)
 - 5.5.2 Solar Cell
 - 5.5.2.1 Historical Trend (2018-2024)
 - 5.5.2.2 Forecast Trend (2025-2034)
 - 5.5.3 Fuel Cell
 - 5.5.3.1 Historical Trend (2018-2024)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.5.3.2 Forecast Trend (2025-2034)
- 5.5.4 Hybrid Cell
 - 5.5.4.1 Historical Trend (2018-2024)
 - 5.5.4.2 Forecast Trend (2025-2034)
- 5.6 Global Small Drones Market by Size
 - 5.6.1 Mini Drones
 - 5.6.1.1 Historical Trend (2018-2024)
 - 5.6.1.2 Forecast Trend (2025-2034)
 - 5.6.2 Micro/Nano Drones
 - 5.6.2.1 Historical Trend (2018-2024)
 - 5.6.2.2 Forecast Trend (2025-2034)
- 5.7 Global Small Drones Market by Application
 - 5.7.1 Commercial
 - 5.7.1.1 Historical Trend (2018-2024)
 - 5.7.1.2 Forecast Trend (2025-2034)
 - 5.7.2 Defence
 - 5.7.2.1 Historical Trend (2018-2024)
 - 5.7.2.2 Forecast Trend (2025-2034)
- 5.8 Global Small Drones Market by Region
 - 5.8.1 North America
 - 5.8.1.1 Historical Trend (2018-2024)
 - 5.8.1.2 Forecast Trend (2025-2034)
 - 5.8.2 Europe
 - 5.8.2.1 Historical Trend (2018-2024)
 - 5.8.2.2 Forecast Trend (2025-2034)
 - 5.8.3 Asia Pacific
 - 5.8.3.1 Historical Trend (2018-2024)
 - 5.8.3.2 Forecast Trend (2025-2034)
 - 5.8.4 Latin America
 - 5.8.4.1 Historical Trend (2018-2024)
 - 5.8.4.2 Forecast Trend (2025-2034)
 - 5.8.5 Middle East and Africa
 - 5.8.5.1 Historical Trend (2018-2024)
 - 5.8.5.2 Forecast Trend (2025-2034)
- 6 North America Small Drones Market Analysis
 - 6.1 United States of America
 - 6.1.1 Historical Trend (2018-2024)
 - 6.1.2 Forecast Trend (2025-2034)
 - 6.2 Canada
 - 6.2.1 Historical Trend (2018-2024)
 - 6.2.2 Forecast Trend (2025-2034)
- 7 Europe Small Drones Market Analysis
 - 7.1 United Kingdom
 - 7.1.1 Historical Trend (2018-2024)
 - 7.1.2 Forecast Trend (2025-2034)
 - 7.2 Germany
 - 7.2.1 Historical Trend (2018-2024)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 7.2.2 Forecast Trend (2025-2034)
- 7.3 France
 - 7.3.1 Historical Trend (2018-2024)
 - 7.3.2 Forecast Trend (2025-2034)
- 7.4 Italy
 - 7.4.1 Historical Trend (2018-2024)
 - 7.4.2 Forecast Trend (2025-2034)
- 7.5 Others
- 8 Asia Pacific Small Drones Market Analysis
 - 8.1 China
 - 8.1.1 Historical Trend (2018-2024)
 - 8.1.2 Forecast Trend (2025-2034)
 - 8.2 Japan
 - 8.2.1 Historical Trend (2018-2024)
 - 8.2.2 Forecast Trend (2025-2034)
 - 8.3 India
 - 8.3.1 Historical Trend (2018-2024)
 - 8.3.2 Forecast Trend (2025-2034)
 - 8.4 ASEAN
 - 8.4.1 Historical Trend (2018-2024)
 - 8.4.2 Forecast Trend (2025-2034)
 - 8.5 Australia
 - 8.5.1 Historical Trend (2018-2024)
 - 8.5.2 Forecast Trend (2025-2034)
 - 8.6 Others
- 9 Latin America Small Drones Market Analysis
 - 9.1 Brazil
 - 9.1.1 Historical Trend (2018-2024)
 - 9.1.2 Forecast Trend (2025-2034)
 - 9.2 Argentina
 - 9.2.1 Historical Trend (2018-2024)
 - 9.2.2 Forecast Trend (2025-2034)
 - 9.3 Mexico
 - 9.3.1 Historical Trend (2018-2024)
 - 9.3.2 Forecast Trend (2025-2034)
 - 9.4 Others
- 10 Middle East and Africa Small Drones Market Analysis
 - 10.1 Saudi Arabia
 - 10.1.1 Historical Trend (2018-2024)
 - 10.1.2 Forecast Trend (2025-2034)
 - 10.2 United Arab Emirates
 - 10.2.1 Historical Trend (2018-2024)
 - 10.2.2 Forecast Trend (2025-2034)
 - 10.3 Nigeria
 - 10.3.1 Historical Trend (2018-2024)
 - 10.3.2 Forecast Trend (2025-2034)
 - 10.4 South Africa

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.4.1 Historical Trend (2018-2024)
- 10.4.2 Forecast Trend (2025-2034)
- 10.5 Others
- 11 Market Dynamics
 - 11.1 SWOT Analysis
 - 11.1.1 Strengths
 - 11.1.2 Weaknesses
 - 11.1.3 Opportunities
 - 11.1.4 Threats
 - 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyer's Power
 - 11.2.3 Threat of New Entrants
 - 11.2.4 Degree of Rivalry
 - 11.2.5 Threat of Substitutes
 - 11.3 Key Indicators for Demand
 - 11.4 Key Indicators for Price
- 12 Competitive Landscape
 - 12.1 Supplier Selection
 - 12.2 Key Global Players
 - 12.3 Key Regional Players
 - 12.4 Key Player Strategies
 - 12.5 Company Profiles
 - 12.5.1 Aerovironment, Inc.
 - 12.5.1.1 Company Overview
 - 12.5.1.2 Product Portfolio
 - 12.5.1.3 Demographic Reach and Achievements
 - 12.5.1.4 Certifications
 - 12.5.2 Lockheed Martin Corporation
 - 12.5.2.1 Company Overview
 - 12.5.2.2 Product Portfolio
 - 12.5.2.3 Demographic Reach and Achievements
 - 12.5.2.4 Certifications
 - 12.5.3 Aeronautics Ltd.
 - 12.5.3.1 Company Overview
 - 12.5.3.2 Product Portfolio
 - 12.5.3.3 Demographic Reach and Achievements
 - 12.5.3.4 Certifications
 - 12.5.4 Thales Group
 - 12.5.4.1 Company Overview
 - 12.5.4.2 Product Portfolio
 - 12.5.4.3 Demographic Reach and Achievements
 - 12.5.4.4 Certifications
 - 12.5.5 Elbit Systems, Ltd.
 - 12.5.5.1 Company Overview
 - 12.5.5.2 Product Portfolio
 - 12.5.5.3 Demographic Reach and Achievements

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 12.5.5.4 Certifications
- 12.5.6 BAE Systems
 - 12.5.6.1 Company Overview
 - 12.5.6.2 Product Portfolio
 - 12.5.6.3 Demographic Reach and Achievements
 - 12.5.6.4 Certifications
- 12.5.7 Teledyne FLIR LLC
 - 12.5.7.1 Company Overview
 - 12.5.7.2 Product Portfolio
 - 12.5.7.3 Demographic Reach and Achievements
 - 12.5.7.4 Certifications
- 12.5.8 SZ DJI Technology Co., Ltd.
 - 12.5.8.1 Company Overview
 - 12.5.8.2 Product Portfolio
 - 12.5.8.3 Demographic Reach and Achievements
 - 12.5.8.4 Certifications
- 12.5.9 Parrot Drone SAS
 - 12.5.9.1 Company Overview
 - 12.5.9.2 Product Portfolio
 - 12.5.9.3 Demographic Reach and Achievements
 - 12.5.9.4 Certifications
- 12.5.10 Autel Robotics
 - 12.5.10.1 Company Overview
 - 12.5.10.2 Product Portfolio
 - 12.5.10.3 Demographic Reach and Achievements
 - 12.5.10.4 Certifications
- 12.5.11 BAE Systems
 - 12.5.11.1 Company Overview
 - 12.5.11.2 Product Portfolio
 - 12.5.11.3 Demographic Reach and Achievements
 - 12.5.11.4 Certifications
- 12.5.12 Skydio, Inc
 - 12.5.12.1 Company Overview
 - 12.5.12.2 Product Portfolio
 - 12.5.12.3 Demographic Reach and Achievements
 - 12.5.12.4 Certifications
- 12.5.13 Delair
 - 12.5.13.1 Company Overview
 - 12.5.13.2 Product Portfolio
 - 12.5.13.3 Demographic Reach and Achievements
 - 12.5.13.4 Certifications
- 12.5.14 Guangzhou Walkera Technology Co., Ltd.
 - 12.5.14.1 Company Overview
 - 12.5.14.2 Product Portfolio
 - 12.5.14.3 Demographic Reach and Achievements
 - 12.5.14.4 Certifications
- 12.5.15 Others

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Small Drones Market Report and Forecast 2025-2034

Market Report | 2025-08-11 | 179 pages | EMR Inc.

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$3599.00
	Five User License	\$4249.00
	Corporate License	\$5099.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

☐ ** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-02-07"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com