

## **Small Drones - Company Evaluation Report, 2025**

Market Report | 2025-07-01 | 155 pages | MarketsandMarkets

### **AVAILABLE LICENSES:**

- Single User \$2650.00
- Corporate License \$4250.00

### **Report description:**

The Small Drones Companies Quadrant is a comprehensive industry analysis that provides valuable insights into the global market for Small Drones. This quadrant offers a detailed evaluation of key market players, technological advancements, product innovations, and emerging trends shaping the industry. MarketsandMarkets 360 Quadrants evaluated over 100 companies, of which the Top 18 Small Drones Companies were categorized and recognized as quadrant leaders.

Small drones are unmanned aerial vehicles operated remotely and have extensive use in both defense and commercial domains. In commercial settings, they are employed for tasks such as monitoring, surveying and mapping, aerial remote sensing, precision agriculture, and product delivery. In the military, they are used for combat missions and border surveillance. These drones are increasingly replacing manned aircraft, as they can be controlled remotely by human operators or function autonomously using onboard systems.

The small drones market has seen remarkable expansion over the last ten years, primarily due to their widespread adoption in military scenarios. Their enhanced endurance and low operational costs have led to a surge in production, boosting market growth. New military applications for small drones continue to emerge. For instance, they are now being explored for transporting both commercial and military cargo, as well as for resupplying troops directly on the battlefield.

The 360 Quadrant maps the Small Drones companies based on criteria such as revenue, geographic presence, growth strategies, investments, and sales strategies for the market presence of the Small Drones quadrant. The top criteria for product footprint evaluation included By PLATFORM (Civil & Commercial, Defense & Government), By TYPE (Fixed Wing, Rotary Wing, Hybrid), By MODE OF OPERATION (Remotely Piloted, Optionally Piloted, Fully Autonomous), By POWER SOURCE (Fuel Powered, Battery Operated/Electric), and By APPLICATION (Commercial, Consumer, Military, Government & Law Enforcement).

### **Key Players**

Key players in the Small Drones market include major global corporations and specialized innovators such as Dji, Israel Aerospace Industries Ltd., Lockheed Martin Corporation, Aerovironment, Inc., Parrot Drone Sas, Boeing, Northrop Grumman, Rtx, Teledyne Flir Llc, Textron Inc., Bae Systems, Thales, Elbit Systems Ltd., Aeronautics, Skydio, Inc., Xag Co., Ltd., Jouav, and Yuneec. These companies are actively investing in research and development, forming strategic partnerships, and engaging in collaborative initiatives to drive innovation, expand their global footprint, and maintain a competitive edge in this rapidly evolving market.

### **Top Three Companies Analysis**

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

## DJI (China)

DJI, a global leader in commercial drones, manufactures a broad range of products including cameras, drone accessories, and propulsion systems for sectors like agriculture, energy, and public safety. The company's in-house R&D and manufacturing facilities in China, coupled with their strategic partnerships, place them at the forefront of product innovation. DJI's extensive product portfolio and strategic global positioning have solidified its leading market share in the industry.

## Lockheed Martin Corporation (US)

Lockheed Martin specializes in advanced technology systems and related services for aerospace and defense. The company operates four business segments, with Aeronautics focusing on military aircraft and UAV technologies. Lockheed Martin's presence is significant, with 572 manufacturing plants across the US and strategic initiatives that enhance their competitive edge in the drone industry.

## AeroVironment, Inc. (US)

AeroVironment is focused on the design, development, and production of small, unmanned aircraft. The company operates in various segments, providing advanced drone technology solutions that cater to diverse industry needs. Through acquisitions like Tomahawk Robotics for AI control systems, AeroVironment not only strengthens its product portfolio but also enhances its market share through innovation-driven strategies.

### Table of Contents:

1	INTRODUCTION	13
1.1	MARKET DEFINITION	13
1.2	INCLUSIONS AND EXCLUSIONS	13
1.3	STAKEHOLDERS	13
2	EXECUTIVE SUMMARY	14
3	MARKET OVERVIEW	18
3.1	INTRODUCTION	18
3.2	MARKET DYNAMICS	18
3.2.1	DRIVERS	19
3.2.1.1	Extensive use of small drones in civil and commercial applications	19
3.2.1.2	Rising procurement for military applications	20
3.2.1.3	Supportive government regulations and initiatives	21
3.2.1.4	Elevated demand for small patrolling drones for marine border security	22
3.2.2	RESTRAINTS	22
3.2.2.1	Information security risk and inadequate air traffic regulations	22
3.2.2.2	Shortage of certified drone operators	23
3.2.3	OPPORTUNITIES	24
3.2.3.1	High public and private sector investments	24
3.2.3.2	Enhancing critical infrastructure protection and law enforcement with aerial remote sensing	24
3.2.3.3	Rapid adoption of real-time traffic monitoring solutions	25
3.2.4	CHALLENGES	25
3.2.4.1	Lack of sustainable power sources to improve endurance	25
3.2.4.2	Extreme weather conditions	26
3.2.4.3	Safety and privacy concerns	26
3.2.4.4	Complex regulatory approval	27

**Scotts International. EU Vat number: PL 6772247784**

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

[www.scotts-international.com](http://www.scotts-international.com)

3.3	VALUE CHAIN ANALYSIS	28
3.4	TRENDS AND DISRUPTIONS IMPACTING CUSTOMER BUSINESS	29
3.5	ECOSYSTEM ANALYSIS	29
3.5.1	PLATFORM MANUFACTURERS	29
3.5.2	SUBSYSTEM MANUFACTURERS	30
3.5.3	SERVICE PROVIDERS	30
3.5.4	SOFTWARE PROVIDERS	30
3.5.5	MISCELLANEOUS	30
?		
3.6	IMPACT OF AI	31
3.6.1	INTRODUCTION	31
3.6.2	IMPACT OF AI ON DEFENSE INDUSTRY	32
3.6.3	ADOPTION OF AI IN MILITARY BY TOP COUNTRIES	32
3.6.4	IMPACT OF AI ON SMALL DRONES MARKET	33
4	INDUSTRY TRENDS	35
4.1	INTRODUCTION	35
4.2	TECHNOLOGY TRENDS	35
4.2.1	MICROTURBINE ENGINE-POWERED DRONES	35
4.2.2	HIGH-ALTITUDE PSEUDO-SATELLITE	35
4.2.3	AERIAL TARGET DRONES	36
4.2.4	DRONE MANUFACTURING USING ADVANCED MATERIALS	36
4.2.5	INSPECTION DRONES FOR CONFINED SPACES	37
4.2.6	MULTI-SENSOR DATA FUSION FOR SMALL DRONE NAVIGATION	37
4.2.7	MICROMECHANICAL FLYING INSECTS	38
4.2.8	SYNTHETIC APERTURE RADAR	38
4.3	IMPACT OF MEGATRENDS	39
4.3.1	3D PRINTING	39
4.3.2	ARTIFICIAL INTELLIGENCE	39
4.3.3	NANOTECHNOLOGY	39
4.4	PATENT ANALYSIS	40
5	COMPETITIVE LANDSCAPE	48
5.1	INTRODUCTION	48
5.2	KEY PLAYER STRATEGIES/RIGHT TO WIN, 2021-2024	48
5.3	REVENUE ANALYSIS, 2021-2024	50
5.4	MARKET SHARE ANALYSIS, 2024	50
5.5	BRAND/PRODUCT COMPARISON	53
5.6	COMPANY VALUATION AND FINANCIAL METRICS	54
5.7	COMPANY EVALUATION MATRIX: KEY PLAYERS, 2024	55
5.7.1	STARS	55
5.7.2	EMERGING LEADERS	55
5.7.3	PERVASIVE PLAYERS	55
5.7.4	PARTICIPANTS	55
5.7.5	COMPANY FOOTPRINT	57
5.7.5.1	Company footprint	57
5.7.5.2	Region footprint	58
5.7.5.3	Type footprint	59
5.7.5.4	Application footprint	59

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

?

5.8 COMPANY EVALUATION MATRIX: START-UPS/SMES, 2024 60

5.8.1 PROGRESSIVE COMPANIES 60

5.8.2 RESPONSIVE COMPANIES 60

5.8.3 DYNAMIC COMPANIES 60

5.8.4 STARTING BLOCKS 60

5.8.5 COMPETITIVE BENCHMARKING 62

5.8.5.1 List of start-ups/SMEs 62

5.8.5.2 Competitive benchmarking of start-ups/SMEs 63

5.9 COMPETITIVE SCENARIO 63

5.9.1 PRODUCT LAUNCHES 64

5.9.2 DEALS 69

5.9.3 OTHER DEVELOPMENTS 75

6 COMPANY PROFILES 84

6.1 KEY PLAYERS 84

6.1.1 DJI 84

6.1.1.1 Business overview 84

6.1.1.2 Products offered 84

6.1.1.3 Recent developments 86

6.1.1.3.1 Product launches 86

6.1.1.3.2 Deals 87

6.1.1.4 MnM view 88

6.1.1.4.1 Key strengths 88

6.1.1.4.2 Strategic choices 88

6.1.1.4.3 Weaknesses/Competitive threats 88

6.1.2 ISRAEL AEROSPACE INDUSTRIES LTD. 89

6.1.2.1 Business overview 89

6.1.2.2 Products offered 90

6.1.2.3 Recent developments 91

6.1.2.3.1 Deals 91

6.1.2.3.2 Other developments 92

6.1.2.4 MnM view 93

6.1.2.4.1 Key strengths 93

6.1.2.4.2 Strategic choices 93

6.1.2.4.3 Weaknesses/Competitive threats 93

6.1.3 LOCKHEED MARTIN CORPORATION 94

6.1.3.1 Business overview 94

6.1.3.2 Products offered 95

6.1.3.3 Recent developments 96

6.1.3.3.1 Deals 96

6.1.3.3.2 Other developments 96

?

6.1.3.4 MnM view 97

6.1.3.4.1 Right to win 97

6.1.3.4.2 Strategic choices 97

6.1.3.4.3 Weaknesses/Competitive threats 97

6.1.4 AEROVIRONMENT, INC. 98

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

6.1.4.1	Business overview	98
6.1.4.2	Products offered	99
6.1.4.3	Recent developments	100
6.1.4.3.1	Product launches	100
6.1.4.3.2	Deals	101
6.1.4.3.3	Other developments	101
6.1.4.4	MnM view	104
6.1.4.4.1	Key strengths	104
6.1.4.4.2	Strategic choices	104
6.1.4.4.3	Weaknesses/Competitive threats	104
6.1.5	PARROT DRONE SAS	105
6.1.5.1	Business overview	105
6.1.5.2	Products offered	106
6.1.5.3	Recent developments	106
6.1.5.3.1	Deals	106
6.1.5.3.2	Other developments	107
6.1.5.4	MnM view	108
6.1.5.4.1	Key strengths	108
6.1.5.4.2	Strategic choices	108
6.1.5.4.3	Weaknesses/Competitive threats	108
6.1.6	BOEING	109
6.1.6.1	Business overview	109
6.1.6.2	Products offered	110
6.1.6.3	Recent developments	111
6.1.6.3.1	Deals	111
6.1.6.3.2	Other developments	111
6.1.7	NORTHROP GRUMMAN	113
6.1.7.1	Business overview	113
6.1.7.2	Products offered	114
6.1.7.3	Recent developments	114
6.1.7.3.1	Deals	114
6.1.7.3.2	Other developments	114
6.1.8	RTX	115
6.1.8.1	Business overview	115
6.1.8.2	Products offered	116
6.1.8.3	Recent developments	116
6.1.8.3.1	Other developments	116
6.1.9	TELEDYNE FLIR LLC	117
6.1.9.1	Business overview	117
6.1.9.2	Products offered	117
6.1.9.3	Recent developments	118
6.1.9.3.1	Product launches	118
6.1.9.3.2	Deals	119
6.1.9.3.3	Other developments	119
6.1.10	TEXTRON INC.	121
6.1.10.1	Business overview	121
6.1.10.2	Products offered	122

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

6.1.10.3	Recent developments	122
6.1.10.3.1	Product launches	122
6.1.10.3.2	Other developments	122
6.1.11	BAE SYSTEMS	124
6.1.11.1	Business overview	124
6.1.11.2	Products offered	125
6.1.11.3	Recent developments	125
6.1.11.3.1	Product launches	125
6.1.11.3.2	Deals	126
6.1.11.3.3	Other developments	126
6.1.12	THALES	127
6.1.12.1	Business overview	127
6.1.12.2	Products offered	128
6.1.12.3	Recent developments	128
6.1.12.3.1	Deals	128
6.1.12.3.2	Other developments	129
6.1.13	ELBIT SYSTEMS LTD.	130
6.1.13.1	Business overview	130
6.1.13.2	Products offered	131
6.1.13.3	Recent developments	132
6.1.13.3.1	Product launches	132
6.1.13.3.2	Deals	132
6.1.13.3.3	Other developments	132
6.1.14	AERONAUTICS	133
6.1.14.1	Business overview	133
6.1.14.2	Products offered	133
6.1.14.3	Recent developments	134
6.1.14.3.1	Product launches	134
6.1.14.3.2	Other developments	134
6.1.15	SKYDIO, INC.	136
6.1.15.1	Business overview	136
6.1.15.2	Products offered	136
6.1.15.3	Recent developments	137
6.1.15.3.1	Other developments	137
6.1.16	XAG CO., LTD.	138
6.1.16.1	Business overview	138
6.1.16.2	Products offered	138
6.1.16.3	Recent developments	138
6.1.16.3.1	Product launches	138
6.1.16.3.2	Deals	139
6.1.17	JOUAV	140
6.1.17.1	Business overview	140
6.1.17.2	Products offered	141
6.1.17.3	Recent developments	141
6.1.17.3.1	Product launches	141
6.1.17.3.2	Other developments	142
6.1.18	YUNEEC	143

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

6.1.18.1	Business overview	143
6.1.18.2	Products offered	143
6.1.18.3	Recent developments	143
6.1.18.3.1	Deals	143
6.2	OTHER PLAYERS	144
6.2.1	DELAIR	144
6.2.2	MICRODRONES	144
6.2.3	TURKISH AEROSPACE INDUSTRIES	145
6.2.4	SHIELD AI	145
6.2.5	INSTANTEYE ROBOTICS	146
6.2.6	FLYABILITY	146
6.2.7	AUTEL ROBOTICS	147
6.2.8	WINGTRA	147
6.2.9	NEARTHLAB	148
6.2.10	GARUDA AEROSPACE PVT LTD	148
7	APPENDIX	149
7.1	RESEARCH METHODOLOGY	149
7.1.1	RESEARCH DATA	149
7.1.1.1	Secondary data	150
7.1.1.2	Primary data	150
7.1.2	RESEARCH ASSUMPTIONS	151
7.1.3	RESEARCH LIMITATIONS	152
7.1.4	RISK ASSESSMENT	152
7.2	COMPANY EVALUATION MATRIX: METHODOLOGY	152
7.3	AUTHOR DETAILS	155

## Small Drones - Company Evaluation Report, 2025

Market Report | 2025-07-01 | 155 pages | MarketsandMarkets

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](mailto:support@scotts-international.com)

### ORDER FORM:

Select license	License	Price
<input type="checkbox"/>	Single User	\$2650.00
<input type="checkbox"/>	Corporate License	\$4250.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact [support@scotts-international.com](mailto: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="2026-02-12"/>
		Signature	<input type="text"/>

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)