

Counter UAS Market Report Forecast to 3030

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Market Overview

Counter UAS Market is anticipated to register an incredible CAGR of 24.7% during the review period. Counter UAS frameworks are intended to identify, track, and kill unapproved automated elevated vehicles (UAVs) or drones. These frameworks are fundamental because of the rising utilization of robots for different purposes, including business, sporting, and military applications. In any case, robots can likewise be utilized for pernicious purposes, like pirating, reconnaissance, and fear monger assaults.

Counter UAS frameworks regularly utilize a blend of sensors, radar, cameras, and different innovations to identify and follow drones. When recognized, these frameworks utilize different strategies to kill the robot, for example, sticking its correspondence signals, capturing it with a net or robot catcher, or shooting it down with a laser or other weapon. As the utilization of robots develops, the improvement of Counter UAS frameworks has turned into a need for some military and government associations, as well as foundation offices, for example, air terminals, power plants, and government structures. The objective is to keep unapproved drones from entering delicate regions and inflicting damage or interruption.

Market Segmentation

The Counter UAS Market segmentation, based on Application, the Counter UAS Market has been segmented into (Detection {Radar, RF Scanners, EO/IR, Acoustic System, Combined Sensors}, Interdiction {Jammers, Spoofing, Laser, Nets}). Based on End Use, the Market is segmented into Military and Defense

Based on Technology, the Counter UAS Market is classified into Laser System, Kinetic System, Electronic System. Based on System Configuration, the Market is segmented into Portable, Vehicle Mounted, Standalone. Based on Platform, the Counter UAS Market has been segmented into Air, Ground, Naval. Based on Purpose, the market is categorized into Base Protection, Complimenting Existing Weapons, Airport Airspace Protection, VIP Protection, and Counter-Smuggling Operations.

Regional Insights

North America represented the biggest piece of the pie in 2022. North America leads in military use and mechanical headways and in this manner, has an exceptionally popularity for counter-UAS (C-UAS). Even though Canada puts resources into the advancement of counter-UAS, the market is basically reliant upon the US. In FY2021, the Branch of Safeguard (DOD) plans to spend roughly USD 404 million on counter-UAS research and improvement and around USD 83 million on C-UAS obtainment. Besides, the region represented the biggest offer in the market in 2020, principally because of the presence of significant makers,

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for example, the Boeing Organization, Lockheed Martin Enterprise, Northrop Grumman Partnership, and the Raytheon Organization.

Europe represented the second biggest piece of the pie in 2022. Europe has been at the front line of Counter UAS innovation improvement, with various nations putting resources into innovative work of these frameworks. The European Association has likewise been effectively engaged with the advancement of guidelines to administer the utilization of robots in Europe. The European Commission has delivered various rules on the utilization of robots, including the utilization of Counter UAS frameworks.

Major players

Key Companies in the Counter UAS Market are Elbit Systems, Lockheed Martin, Northrop Grumman, BAE Systems, Raytheon, Airbus, Israel Aerospace Industries, Thales Group, General Atomics, Boeing, and Others.

Table of Contents:

TABLE OF CONTENTS

1	EXECUTIVE SUMMARY	19
1.1	GLOBAL COUNTER-UAS MARKET, BY APPLICATION	21
1.2	GLOBAL COUNTER-UAS MARKET, BY END USE	22
1.3	GLOBAL COUNTER-UAS MARKET, BY TECHNOLOGY	23
1.4	GLOBAL COUNTER-UAS MARKET, BY SYSTEM CONFIGURATION	24
1.5	GLOBAL COUNTER-UAS MARKET, BY PLATFORM	25
1.6	GLOBAL COUNTER-UAS MARKET, BY PURPOSE	26
1.7	GLOBAL COUNTER-UAS MARKET, BY REGION	27
2	MARKET INTRODUCTION	28
2.1	DEFINITION	28
2.2	SCOPE OF THE STUDY	28
2.3	RESEARCH OBJECTIVE	28
2.4	MARKET STRUCTURE	29
3	RESEARCH METHODOLOGY	30
3.1	RESEARCH PROCESS	30
3.2	PRIMARY RESEARCH	31
3.3	SECONDARY RESEARCH	32
3.4	MARKET SIZE ESTIMATION	33
3.5	FORECAST MODEL	34
3.6	LIST OF ASSUMPTIONS	35
4	COVID-19 IMPACT ANALYSIS	36
4.1	IMPACT OF COVID-19 ON THE GLOBAL COUNTER-UAS MARKET	36
4.2	SUPPLY CHAIN IMPACT	36
4.2.1	IMPACT ON MANUFACTURERS/DEVELOPERS	36
4.2.2	IMPACT ON COMPONENT SUPPLIERS	36
4.2.3	IMPACT ON DISTRIBUTION/LOGISTICS	36
4.2.4	IMPACT ON CONSUMER	37
4.3	MARKET RECOVERY ANALYSIS	37
5	MARKET DYNAMICS	38
5.1	INTRODUCTION	38
5.2	DRIVERS	39

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5.2.1	RISING INCIDENCES OF SECURITY BREACHES BY UNIDENTIFIED DRONES	39
5.2.2	INCREASING TERRORISM AND ILLICIT ACTIVITIES ACROSS THE WORLD	39
5.2.3	GROWING FREQUENCY OF BORDER TRESPASSING AND FOCUS ON BORDER PROTECTION	39
5.2.1	DRIVERS IMPACT ANALYSIS	40
5.3	RESTRAINTS	40
5.3.1	HIGH RESEARCH & DEVELOPMENT EXPENSES	40
5.3.2	PUBLIC SAFETY CONCERNS	41
5.3.3	RESTRAINT IMPACT ANALYSIS	41
5.4	OPPORTUNITIES	41
5.4.1	CHANGING NATURE OF WARFARE	41
5.4.2	INCREASE IN MILITARY SPENDING	42
5.5	CHALLENGES	42
5.5.1	DEVELOPMENT OF COST-EFFECTIVE ANTI-DRONE SYSTEMS FOR COMMERCIAL USE	42
5.6	TECHNOLOGICAL TRENDS	42
5.6.1	DRONEGUN	42
5.6.2	ARTIFICIAL INTELLIGENCE (AI) AND MACHINE LEARNING	42
5.6.3	SWARM DETECTION	42
5.6.4	ATHENA (ADVANCED TEST HIGH ENERGY ASSET)	43
5.6.5	SKYWALL 100	43
5.6.6	SKYFENCE	43
5.6.7	WEARABLE DRONE DETECTOR	43
5.7	PATENT TRENDS	44
5.8	REGULATORY LANDSCAPE	46
5.8.1	REGULATORY LANDSCAPE: COUNTER-UAS MARKET	46
5.8.2	COUNTER-UAS LEGISLATION	46
6	MARKET FACTOR ANALYSIS	47
6.1	SUPPLY CHAIN ANALYSIS: GLOBAL COUNTER-UAS MARKET	47
6.1.1	DESIGN & DEVELOPMENT	47
6.1.2	PROCUREMENT & INTEGRATION	48
6.1.3	MANUFACTURING & ASSEMBLY	48
6.1.4	END USE	48
6.2	PORTER'S FIVE FORCES MODEL	49
6.2.1	THREAT OF NEW ENTRANTS	49
6.2.2	BARGAINING POWER OF SUPPLIERS	50
6.2.3	THREAT OF SUBSTITUTES	50
6.2.4	BARGAINING POWER OF BUYERS	50
6.2.5	INTENSITY OF RIVALRY	50
7	GLOBAL COUNTER-UAS MARKET, BY APPLICATION	51
7.1	OVERVIEW	51
7.2	DETECTION	53
7.2.1	RADAR	53
7.2.2	RF SCANNER	54
7.2.3	EO/IR	54
7.2.4	ACOUSTIC SYSTEMS	54
7.2.5	COMBINED SENSORS	55
7.3	INTERDICTION	55
7.3.1	JAMMERS	56

7.3.2	SPOOFING	56
7.3.3	LASER	56
7.3.4	NETS	57
8	GLOBAL COUNTER-UAS MARKET, BY END USE	58
8.1	OVERVIEW	58
8.2	MILITARY & DEFENSE	59
8.3	COMMERCIAL	59
8.4	HOMELAND SECURITY	60
9	GLOBAL COUNTER-UAS MARKET, BY TECHNOLOGY	61
9.1	OVERVIEW	61
9.2	LASER SYSTEM	62
9.3	KINETIC SYSTEM	62
9.4	ELECTRONIC SYSTEM	63
10	GLOBAL COUNTER-UAS MARKET, BY SYSTEM CONFIGURATION	64
10.1	OVERVIEW	64
10.2	PORTABLE	65
10.3	VEHICLE MOUNTED	65
10.4	STANDALONE	66
11	GLOBAL COUNTER-UAS MARKET, BY PLATFORM	67
11.1	OVERVIEW	67
11.2	AIR	68
11.3	GROUND	68
11.4	NAVAL	69
12	GLOBAL COUNTER-UAS MARKET, BY PURPOSE	70
12.1	OVERVIEW	70
12.2	BASE PROTECTION	72
12.3	COMPLIMENTING EXISTING WEAPONS	72
12.4	AIRPORT AIRSPACE PROTECTION	72
12.5	VIP PROTECTION	73
12.6	OTHERS	73
13	GLOBAL COUNTER-UAS MARKET, BY REGION	74
13.1	OVERVIEW	74
13.2	NORTH AMERICA	76
13.2.1	US	79
13.2.2	CANADA	81
13.3	EUROPE	85
13.3.1	UK	88
13.3.2	GERMANY	90
13.3.3	FRANCE	93
13.3.4	ITALY	95
13.3.5	REST OF EUROPE	98
13.4	ASIA-PACIFIC	101
13.4.1	CHINA	104
13.4.2	JAPAN	106
13.4.3	INDIA	109
13.4.4	REST OF ASIA-PACIFIC	111
13.5	MIDDLE EAST & AFRICA	114

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13.5.1	SAUDI ARABIA	117
13.5.2	UAE	120
13.5.3	REST OF MIDDLE EAST & AFRICA	122
13.6	LATIN AMERICA	125
13.6.1	BRAZIL	128
13.6.2	REST OF LATIN AMERICA	130
14	COMPETITIVE LANDSCAPE	134
14.1	COMPETITIVE OVERVIEW	134
14.2	COMPETITIVE DASHBOARD	135
14.3	MARKET SHARE ANALYSIS, 2022 (%)	136
14.4	LEADING PLAYERS IN TERMS OF NUMBER OF DEVELOPMENTS IN THE GLOBAL COUNTER-UAS MARKET	136
14.5	KEY DEVELOPMENTS IN THE GLOBAL COUNTER UAS MARKET	137
14.5.1	KEY DEVELOPMENTS: CONTRACTS & AGREEMENTS	137
14.5.2	KEY DEVELOPMENTS: PARTNERSHIPS & COLLABORATIONS	137
14.5.3	KEY DEVELOPMENTS: PRODUCT DEVELOPMENTS/LAUNCHES	138
15	COMPANY PROFILES	139
15.1	BOEING	139
15.1.1	COMPANY OVERVIEW	139
15.1.2	FINANCIAL OVERVIEW	140
15.1.3	PRODUCTS/SERVICES OFFERED	140
15.1.4	KEY DEVELOPMENTS	141
15.1.5	SWOT ANALYSIS	141
15.1.6	KEY STRATEGIES	141
15.2	SAAB AB	142
15.2.1	COMPANY OVERVIEW	142
15.2.2	FINANCIAL OVERVIEW	143
15.2.3	PRODUCTS/SERVICES OFFERED	143
15.2.4	KEY DEVELOPMENTS	144
15.2.5	SWOT ANALYSIS	144
15.2.6	KEY STRATEGIES	144
15.3	LOCKHEED MARTIN CORPORATION	145
15.3.1	COMPANY OVERVIEW	145
15.3.2	FINANCIAL OVERVIEW	146
15.3.3	PRODUCTS/SERVICES OFFERED	146
15.3.4	KEY DEVELOPMENTS	147
15.3.5	SWOT ANALYSIS	147
15.3.6	KEY STRATEGIES	147
15.4	ISRAEL AEROSPACE INDUSTRIES	148
15.4.1	COMPANY OVERVIEW	148
15.4.2	FINANCIAL OVERVIEW	148
15.4.3	PRODUCTS/SERVICES OFFERED	148
15.4.4	KEY DEVELOPMENTS	148
15.4.5	SWOT ANALYSIS	149
15.4.6	KEY STRATEGIES	149
15.5	NORTHROP GRUMMAN CORPORATION	150
15.5.1	COMPANY OVERVIEW	150
15.5.2	FINANCIAL OVERVIEW	151

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15.5.3	PRODUCTS/SERVICES OFFERED	151
15.5.4	KEY DEVELOPMENTS	152
15.5.5	SWOT ANALYSIS	152
15.5.6	KEY STRATEGIES	152
15.6	RHEINMETALL AG	153
15.6.1	COMPANY OVERVIEW	153
15.6.2	FINANCIAL OVERVIEW	153
15.6.3	PRODUCTS/SERVICES OFFERED	154
15.6.4	KEY DEVELOPMENTS	154
15.6.5	SWOT ANALYSIS	155
15.6.6	KEY STRATEGIES	155
15.7	RAYTHEON TECHNOLOGIES CORPORATION	156
15.7.1	COMPANY OVERVIEW	156
15.7.2	FINANCIAL OVERVIEW	157
15.7.3	PRODUCTS/SERVICES OFFERED	157
15.7.4	KEY DEVELOPMENTS	158
15.7.5	SWOT ANALYSIS	159
15.7.6	KEY STRATEGIES	159
15.8	DRONEDEFENCE	160
15.8.1	COMPANY OVERVIEW	160
15.8.2	FINANCIAL OVERVIEW	160
15.8.3	PRODUCTS/SERVICES OFFERED	160
15.8.4	KEY DEVELOPMENTS	160
15.8.5	SWOT ANALYSIS	161
15.8.6	KEY STRATEGIES	161
15.9	L3HARRIS TECHNOLOGIES, INC.	162
15.9.1	COMPANY OVERVIEW	162
15.9.2	FINANCIAL OVERVIEW	163
15.9.3	PRODUCTS/SERVICES OFFERED	163
15.9.4	KEY DEVELOPMENTS	164
15.9.5	SWOT ANALYSIS	164
15.9.6	KEY STRATEGIES	164
15.10	ELBIT SYSTEMS LTD	165
15.10.1	COMPANY OVERVIEW	165
15.10.2	FINANCIAL OVERVIEW	166
15.10.3	PRODUCTS/SERVICES OFFERED	166
15.10.4	KEY DEVELOPMENTS	167
15.10.5	SWOT ANALYSIS	167
15.10.6	KEY STRATEGIES	167
16	OTHER PROMINENT PLAYERS IN THE MARKET	168
16.1	THALES GROUP	168
16.2	BLIGHTER SURVEILLANCE SYSTEMS LTD	168
16.3	ROHDE & SCHWARZ	169
16.4	DRONESHIELD, LLC	169
16.5	RAFAEL ADVANCED DEFENSE SYSTEMS LTD	170
16.6	HENSOLDT	170
16.7	ASELSAN A.S.	170

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- 16.8 BABCOCK INTERNATIONAL GROUP PLC 171
- 16.9 BLACK SAGE 171
- 16.10 BSS HOLLAND B.V. 171
- 16.11 COBHAM ANTENNA SYSTEMS 171
- 16.12 DIEHL STIFTUNG & CO. KG 172
- 16.13 LEONARDO S.P.A. 172
- 16.14 LITEYE SYSTEMS, INC 172

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