

Global UAV Sense-and-Avoid Systems Market - Analysis & Forecast, 2017-2022 Focus on (Application and Technology)

<https://marketpublishers.com/r/G674758A061DEN.html>

Date: April 2018

Pages: 238

Price: US\$ 4,499.00 (Single User License)

ID: G674758A061DEN

Abstracts

Hard copy option is available on any of the options above at an additional charge of \$500. Please email us at order@marketpublishers.com with your request.

The UAV sense and avoid systems market is growing at a robust growth rate since the past few years. The technology of sensing and avoiding any obstacle has considerably improved over the years. Their increased adoption across commercial and non-commercial applications, and stringent rules and regulations imposed by governments of various countries for the safety of UAVs, are the two significant factors driving the demand in UAV sense and avoid systems market. However, factors such as communicational constraints, lower efficiency of sense and avoid systems, and miniaturizing collision avoidance system for small UAVs are some of the prominent challenges in the UAV sense and avoid systems market. On the other hand, increasing technological advancements to build fully autonomous drones, and demand of sense and avoid technologies for swarm drones are expected to open several future opportunities for the growth of the UAV sense and avoid systems market.

The major technologies of UAV sense and avoid systems include cooperative and non-cooperative technologies. The major applications of UAV sense and avoid systems are commercial and non-commercial applications. The commercial applications can further be sub-divided into inspection, aerial imaging, and first responder, among others.

The following points provide a concrete description of the report content and the topics covered in the report:

This report identifies the global UAV sense and avoid systems market in different

segments such as technology, application, and region

The study includes the market analysis and forecast of the global UAV sense and avoid systems market from 2016 to 2022 in terms of value and volume

The study talks about the prime supply side factors affecting the growth of the market along with the current and future trends in the UAV sense and avoid systems market

The study also presents a detailed examination of the UAV sense and avoid systems market along the lines of market drivers, restraints, growth opportunities, and challenges

The study provides detailed analysis of industry attractiveness through Porter's Five Forces analysis

The report also highlights the value chain of the overall UAV sense and avoid system industry

The report also includes patent analysis of the overall UAV sense and avoid systems market

A detailed competitive analysis has been included in this report which focuses on the key market developments & strategies followed by the key players in the market

The report also provides a detailed study of the technologies used in UAV sense and avoid systems market such as cooperative and non-cooperative

The report also provides a detailed study of the applications in which UAV sense and avoid systems are used such as commercial and non-commercial

The UAV sense and avoid systems market has been analyzed for all the geographies including North America, Europe, Asia-Pacific, and Rest of the World with further analysis with respect to several major countries

The key market players are analyzed and profiled in detail in the Company Profiles section of the report. This section covers the business financials, company snapshots, key products & services, major developments, and finally, the individual SWOT analysis.

Contents

EXECUTIVE SUMMARY

1 REPORT SCOPE & METHODOLOGY

- 1.1 Scope of the Report
- 1.2 Global Sense and Avoid Systems Market Segmentation
- 1.3 Research Methodology
 - 1.3.1 Top-Down Approach (Segmental Analysis)
 - 1.3.2 Bottom-Up Approach (Segmental Analysis)
- 1.4 Assumptions and Limitations

2 MARKET DYNAMICS

- 2.1 Market Drivers
- 2.2 Market Challenges
- 2.3 Market Opportunities

3 COMPETITIVE INSIGHTS

- 3.1 Key Developments and Strategies
- 3.2 Key Market Developments
 - 3.2.1 New Product Launches
 - 3.2.2 Contracts
 - 3.2.3 Business Expansion
 - 3.2.4 Acquisition, Collaborations & Partnerships
 - 3.2.4 Other Developments
- 3.3 Pricing Analysis: ABSAA Components Price Analysis
- 3.4 Product Mapping

4 INDUSTRY ANALYSIS

- 4.1 Technology Roadmap
- 4.2 Value Chain Analysis
- 4.3 Major Military Programs
- 4.4 Patent Analysis
- 4.5 Funding in Drone Start-ups, 2014-2016
 - 4.5.1 Funding in Drone Start Ups by Geography, 2014-2016

4.6 Global Drone Market: Regulatory Environment

4.6.1 Drone Regulatory Authorities by Country

4.6.2 Country-wise Drone Regulations by Application

5 GLOBAL SENSE AND AVOID SYSTEM MARKET ASSUMPTIONS AND LIMITATIONS

5.1 Assumptions and Limitations

5.2 Market Overview

6 GLOBAL SENSE AND AVOID SYSTEM MARKET BY APPLICATION

6.1 Market Overview

6.2 Non-Commercial

6.3 Commercial

6.3.1 Inspection

6.3.2 Delivery

4 INDUSTRY ANALYSIS

4.1 Technology Roadmap

6.3.3 Aerial Imaging

6.3.4 First Responder

6.3.5 Others

7 GLOBAL SENSE AND AVOID SYSTEM MARKET BY TECHNOLOGY

7.1 Market Overview

7.2 Co-Operative Technology

7.2.1 Traffic Alert and Collision Avoidance System (T-CAS)

7.2.2 Automatic Dependence Surveillance Broadcast (ADS-B) Transponder

7.3 Non-CoOperative Technology

7.3.1 Active Sensors

7.3.1.1 Radar

7.3.1.2 LiDAR

7.3.1.3 Sonar/Ultrasonic Sensors

7.3.2 Passive Sensors

7.3.2.1 EO/IR Cameras

7.3.2.2 Others

8 GLOBAL UAV SENSE AND AVOID SYSTEMS MARKET BY REGION

8.1 Market Overview

8.2 North America

8.2.1 The U.S.

8.2.2 Canada

8.3 Europe

8.3.1 The U.K.

8.3.2 France

8.3.3 Italy

8.3.4 Germany

8.3.5 Spain

8.4 Asia-Pacific

8.4.1 China

8.4.2 Australia

8.4.3 Japan

8.4.4 India

8.4 Rest of the World

9 COMPANY PROFILES

9.1 Aerialtronics

9.1.1 Company Overview

9.1.2 Products and Services

9.1.3 SWOT Analysis

9.2 BAE Systems

9.2.1 Company Overview

9.2.2 Products and Services

9.2.3 Financial Analysis

9.2.3.1 Financial Summary

9.2.4 SWOT Analysis

9.3 Echodyne Corp.

9.2.1 Company Overview

9.2.2 Products and Services

9.2.3 SWOT Analysis

9.4 FLARM Technology Ltd.

9.4.1 Company Overview

9.4.2 Products and Services

- 9.4.3 SWOT Analysis
- 9.5 General Atomics Aeronautical Systems, Inc.
 - 9.5.1 Company Overview
 - 9.5.2 Corporate Summary
 - 9.5.3 Products and Services
 - 9.5.4 SWOT Analysis
- 9.6 Harris Corporation
 - 9.6.1 Company Overview
 - 9.6.2 Products and Services
 - 9.6.3 Financial Analysis
 - 9.6.3.1 Financial Summary
 - 9.6.4 SWOT Analysis
- 9.7 Honeywell International Inc.
 - 9.7.1 Company Overview
 - 9.7.2 Products and Services
 - 9.7.3 Financial Analysis
 - 9.7.3.1 Financial Summary
 - 9.7.4 SWOT Analysis
- 9.8 IMSAR LLC
 - 9.8.1 Company Overview
 - 9.8.2 Products and Services
 - 9.8.3 SWOT Analysis
- 9.9 Intel Corporation
 - 9.9.1 Company Overview
 - 9.9.2 Products and Services
 - 9.9.3 Financial Analysis
 - 9.9.3.1 Financial Summary
 - 9.9.4 SWOT Analysis
- 9.10 Leonardo-Finmeccanica Spa
 - 9.10.1 Company Overview
 - 9.10.2 Products and Services
 - 9.10.3 Financial Analysis
 - 9.10.3.1 Financial Summary
 - 9.10.4 SWOT Analysis
- 9.11 Panoptes Systems Corporation
 - 9.11.1 Company Overview
 - 9.11.2 Products and Services
 - 9.11.3 SWOT Analysis
- 9.12 Precision Hawk

- 9.12.1 Company Overview
- 9.12.2 Products and Services
- 9.12.3 SWOT Analysis
- 9.13 Safran Electronics & Defense
 - 9.13.1 Company Overview
 - 9.13.2 Products and Services
 - 9.13.3 Financial Analysis
 - 9.13.3.1 Financial Summary
 - 9.13.3 SWOT Analysis
- 9.14 Sagitech Corporation
 - 9.14.1 Company Overview
 - 9.14.2 Products and Services
 - 9.14.3 SWOT Analysis
- 9.15 Thales Group
 - 9.15.1 Company Overview
 - 9.15.2 Products and Services
 - 9.15.3 Financials
 - 9.15.3.1 Financial Summary
 - 9.15.4 SWOT Analysis
- 9.16 uAvionix
 - 9.16.1 Company Overview
 - 9.16.2 Products and Services
 - 9.16.3 SWOT Analysis
- 9.17 Other Key Players

List Of Tables

LIST OF TABLES

1 GLOBAL UAV SENSE AND AVOID SYSTEMS MARKET, 2016-2022

2 GLOBAL UAV SENSE AND AVOID SYSTEMS MARKET BY TECHNOLOGY, 2016-2022

3 GLOBAL UAV SENSE AND AVOID SYSTEMS MARKET BY APPLICATION, 2016-2022

3.1 New Product Launches

3.2 Contracts

3.3 Business Expansion

3.4 Acquisition, Collaborations & Partnerships

3.5 Other Developments

4.1 Major Military Programs

4.2 Gimbal-assisted radar detection system for unmanned aircraft system (UAS)

4.3 UAV automatic collision avoidance system

4.4 UAV obstacle avoidance method and system

4.5 Automated flight control system for unmanned aerial vehicles

4.6 One kind of unmanned aircraft collision avoidance system

4.7 Aircraft avoidance method and drone provided with a system for implementing said method

4.8 Autonomous aerial vehicle collision avoidance system and method

4.9 Unmanned aerial system drone situational awareness flight safety and tracking system

4.10 Air-Ground Coordination Unmanned Aerial Vehicle Sensing and Avoiding System and method

4.11 Method for collision detection for agricultural plant protection unmanned aerial vehicle

4.12 Autonomous Collision Avoidance System for Unmanned Aerial Vehicles

4.13 Systems and Methods for Unmanned Aircraft System Collision Avoidance

4.14 Manned/unmanned helicopter anti-collision system based on millimeter wave radar range finding

4.15 Countries with their Respective Regulatory Authority

4.16 Country-wise Drone Regulations by Application

6.1 Global UAV Sense and Avoid Systems Market by Application, 2016-2022 (\$Million)

6.2 Global UAV Sense and Avoid Systems Market by Application, 2016-2022 (Units)

8.1 Global UAV Sense and Avoid Systems Market by Region, 2016-2022 (\$Million)

List Of Figures

LIST OF FIGURES

1 GLOBAL UAV MARKET BY VOLUME, 2016-2022 (UNITS)

2 ADVANTAGES OF SENSE AND AVOID SYSTEMS

3 GLOBAL UAV SENSE AND AVOID SYSTEMS MARKET, 2016-2022

4 GLOBAL UAV SENSE AND AVOID SYSTEMS MARKET BY TECHNOLOGY, 2016

5 GLOBAL UAV SENSE AND AVOID SYSTEMS MARKET BY TECHNOLOGY, 2022

6 GLOBAL UAV SENSE AND AVOID SYSTEMS MARKET BY APPLICATION, 2016

7 GLOBAL UAV SENSE AND AVOID SYSTEMS MARKET BY APPLICATION, 2022

8 GLOBAL UAV SENSE AND AVOID SYSTEMS MARKET BY REGION, 2016

9 GLOBAL UAV SENSE AND AVOID SYSTEMS MARKET BY REGION, 2022

10 GLOBAL UAV SENSE AND AVOID SYSTEMS MARKET BY COUNTRY, 2016

1.1 Research Methodology

1.2 Top-Down Approach

1.3 Bottom-Up Approach

2.1 Global Sense and Avoid Systems Market – Market Dynamics

3.1 Average Selling Price (ASP) of Major Components of a Airborne Sense-and-Avoid (ABSAA) System, 2017

4.1 Technology Roadmap

5.1 Global Sense And Avoid System Market Size by Value and Volume, 2016-2022

6.1 Global UAV Sense and Avoid Systems Market by Application, 2016-2022

6.2 Global UAV Sense and Avoid Systems Market by Application (Value), 2016 and 2022 (%Share)

6.3 Global UAV Sense and Avoid Systems Market by Application (Value), 2016 and 2022

6.4 Global UAV Sense and Avoid Systems Market by Application (Volume), 2016 and

2022 (%Share)

6.5 Global UAV Sense and Avoid Systems Market by Application (Volume), 2016 and 2022

6.6 Global UAV Sense and Avoid Systems Market by Commercial Application (Value), 2016 to 2022

6.7 Global UAV Sense and Avoid Systems Market by Commercial Application (Volume), 2016 to 2022

6.8 Non-Commercial Application Market (Value), 2016-2022

6.9 Commercial Application Market (Value), 2016-2022 (\$Million)

6.10 Commercial Applications of UAV Sense and Avoid System, Share (%), 2016

6.11 Inspection Application Market (Value), 2016-2022

6.12 Delivery Application Market (Value), 2016-2022

6.13 Aerial Imaging Application Market (Value), 2016-2022

6.14 First Responder Application Market (Value), 2016-2022

6.15 Other Application Market (Value), 2016-2022

7.1 Co-Operative Technology Market (Value), 2016-2022

7.2 Co-Operative Technology Market by Type (Value), 2016-2022

7.3 Traffic Alert and Collision Avoidance System (T-CAS) Market (Value), 2016-2022

7.4 Automatic Dependence Surveillance Broadcast (ADS-B) Transponder Market (Value), 2016-2022

7.5 Non-Cooperative Technology Market (Value), 2016-2022

7.6 Non-Cooperative Technology Market by Type (Value), 2016-2022

7.7 Active Sensors Market (Value), 2016-2022

7.8 Active Sensor Market by Type (Value), 2016-2022

7.9 Radar Market (Value), 2016-2022

7.10 LiDAR Market (Value), 2016-2022

7.11 Sonar/Ultrasonic Sensors Market (Value), 2016-2022

7.12 Passive Sensor Market (Value), 2016-2022

7.13 Passive Sensor Market by Type (Value), 2016-2022

7.14 EO/IR Cameras Market (Value), 2016-2022

8.1 Global UAV Sense and Avoid Systems Market by Region, 2016 and 2022 (\$Million)

8.2 North America UAV Sense and Avoid Market by Value, 2016-2022

8.3 Country Wise North American UAV Sense and Avoid Market by Value, 2016-2022

8.4 The U.S. Sense and Avoid Systems Market (Value), 2016-2022

8.5 Canada Sense and Avoid Systems Market (Value), 2016-2022

8.6 Europe UAV Sense and Avoid Market by Value, 2016-2022

8.7 The U.K. Sense and Avoid Systems Market (Value), 2016-2022

8.8 France Sense and Avoid Systems Market (Value), 2016-2022

8.9 Italy Sense and Avoid Systems Market (Value), 2016-2022

- 8.10 Germany Sense and Avoid Systems Market (Value), 2016-2022
- 8.11 Spain Sense and Avoid Systems Market (Value), 2016-2022
- 8.12 Asia-Pacific UAV Sense and Avoid Market by Value, 2016-2022
- 8.13 China Sense and Avoid Systems Market (Value), 2016-2022
- 8.14 Australia Sense and Avoid Systems Market (Value), 2016-2022
- 8.15 Japan Sense and Avoid Systems Market (Value), 2016-2022
- 8.16 India Sense and Avoid Systems Market (Value), 2016-2022
- 8.17 Rest of the World UAV Sense and Avoid Market by Value, 2016-2022
- 8.18 Country Wise Rest of the World UAV Sense and Avoid Market by Value, 2016-2022
- 9.1 Aerialtronics: Products and Services
- 9.2 Aerialtronics: SWOT Analysis
- 9.3 BAE Systems: Products and Services
- 9.4 BAE Systems: Financials
- 9.5 BAE Systems: SWOT Analysis
- 9.6 Echodyne Corp.: Products and Services
- 9.7 Echodyne Corp.: SWOT Analysis
- 9.8 FLARM Technology Ltd.: Products and Services
- 9.9 FLARM Technology Ltd.: SWOT Analysis
- 9.10 General Atomics Aeronautical Systems, Inc.: Products and Services
- 9.11 General Atomics Aeronautical Systems, Inc.: SWOT Analysis
- 9.12 Harris Corporation: Products and Services
- 9.13 Harris Corporation: Financials
- 9.14 Harris Corporation: SWOT Analysis
- 9.15 Honeywell International Inc.: Products and Services
- 9.16 Honeywell International Inc.: Financials
- 9.17 Honeywell International Inc.: SWOT Analysis
- 9.18 IMSAR LLC: Products and Services
- 9.19 MSAR LLC: SWOT Analysis
- 9.20 Intel Corporation: Products and Services
- 9.21 Intel Corporation: Financials
- 9.22 Intel Corporation: SWOT Analysis
- 9.23 Leonardo-Finmeccanica Spa: Products and Services
- 9.24 Leonardo-Finmeccanica Spa: Financials
- 9.25 Leonardo-Finmeccanica Spa: SWOT Analysis
- 9.26 Panoptes Systems Corporation: Products and Services
- 9.27 Panoptes Systems Corporation: SWOT Analysis
- 9.28 Precision Hawk: SWOT Analysis
- 9.29 Safran Electronics & Defense: Products and Services

- 9.30 Safran Electronics & Defense: Financials
- 9.31 Safran Electronics & Defense: SWOT Analysis
- 9.32 Sagetech Corporation: Products and Services
- 9.33 Sagetech Corporation: SWOT Analysis
- 9.34 Thales Group: Products and Services
- 9.35 Thales Group: Financials
- 9.36 Thales Group: SWOT Analysis
- 9.37 uAvionix: Products and Services
- 9.38 uAvionix: SWOT Analysis

I would like to order

Product name: Global UAV Sense-and-Avoid Systems Market - Analysis & Forecast, 2017-2022 Focus on (Application and Technology)

Product link: <https://marketpublishers.com/r/G674758A061DEN.html>

Price: US\$ 4,499.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G674758A061DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

