

# Civilian/Commercial Drones Market 2016-2025: Worldwide Analysis, Risk Assessment, Trend Outlook and Business Strategy

https://marketpublishers.com/r/C19FA9026E4EN.html

Date: November 2016 Pages: 280 Price: US\$ 3,230.00 (Single User License) ID: C19FA9026E4EN

# **Abstracts**

Global demand for civilian drones in 2025 will explode to over XXX units in terms of annual shipment and \$XX billion in terms of sales revenue to set up a new history high peak. This represents an exceptional XX% increase yearly by shipment and XX% growth annually by revenue between 2016 and 2025.

Civilian/Commercial Drones Market 2016-2025: Worldwide Analysis, Risk Assessment, Trend Outlook and Business Strategy is based on a comprehensive research study of the commercial drones market by analyzing the entire global market and all its subsegments through extensively detailed classifications. Profound analysis and assessment are generated from premium information sources with inputs derived from industry professionals across the value chain.

In-depth qualitative analyses include identification and investigation of market structure, growth drivers, restraints and challenges, emerging market trends/opportunities, Porter's Fiver Forces, M&A landscape as well as fundraising trends. Moreover, risks associated with investing in global civilian/commercial UAVs market are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders manage and minimize the risks, develop appropriate business models, and make wise strategies and decisions.

The report quantifies global commercial drones market in each and every aspect of the classification from perspectives of UAV subsystem, drone application, UAV frame, technology, and region.



Based on UAV subsystem, the global market is segmented into the following three sections with annual revenue data available for each section over 2014-2025:

Drones Hardware (frame, controller system, propulsion system, sensors, cameras, etc.)

Drones Software (imaging software, GPS, GIS, etc.)

Drones Service (cloud service, integration, engineering, and management)

By application field of civilian/commercial drones, the following key segments of the market are studied with both annual shipment and sales revenue provided for each segment covering 2014-2025 duration:

#### Agriculture

Real Estate, Geology and Infrastructure

Law Enforcement

**Energy Sector** 

Industry and Manufacture

Personal and Hobby

Logistics and Retail

Police and Public Safety

Media and Entertainment

Disaster and Emergency Response

**Environmental Monitoring** 

Others



On basis of UAV frame type, the global market is segmented into four sections with annual revenue and unit shipment data available for each section in every year of 2014-2025:

**Fixed Wing Drones** 

Rotary Blade Drones

Nano Drones

Hybrid Drones

On basis of UAV technology, the global market is divided into six segments with annual revenue data available for each segment in every year of 2014-2025:

Energy and Propulsion

Data Collecting and Processing

Steering and Positioning

Automation Systems

Communications and Relays

Cyber Security

Geographically, the following five regions together with the listed national markets are fully investigated:

APAC (China, Japan, South Korea, Australia, India, and Rest of APAC)

Europe (Germany, France, UK, Italy, Spain, Rest of Europe)

North America (U.S. and Canada)

Latin America (Brazil, Mexico, Rest of Latin America)



RoW (Rest of World including Arica and Middle East)

For each of the aforementioned regions and countries, detailed analysis and data about annual revenue of civilian UAV systems are available for every single year over 2014-2025. Data regarding annual shipment is also provided at regional level for every year of 2014-2025.

The report also includes current competitive scenario and the predicted manufacture trend, and profiles 51 drone vendors including market leaders and important emerging players.

Highlighted with 13 tables and 99 figures, this 280-page report provides timely data and detailed analysis to help clients targeting the global market to identify business opportunities and execute an effective strategy.



# Contents

#### **1 INTRODUCTION**

- 1.1 Industry Definition and Research Scope
- 1.2 Research Methodology
- 1.3 Executive Summary

## 2 MARKET ENVIRONMENT

- 2.1 World Economy: Current Conditions and Outlook to 2030
- 2.2 World Demographic Profile and Trends to 2050

## **3 MARKET OVERVIEW AND QUALITATIVE ANALYSIS**

- 3.1 Market Structure
- 3.2 Market Size and Forecast
- 3.3 Major Growth Drivers
- 3.4 Market Restraints and Challenges
- 3.5 Emerging Opportunities and Market Trends
- 3.6 Porter's Fiver Forces Analysis
- 3.7 Key M&A Trends and Strategic Partnerships
- 3.8 Fundraising in Global Commercial Drones Market
- 3.9 Investing in Global Civilian Drones Market: Risk Assessment and Management
- 3.9.1 Risk Evaluation of Global Market
- 3.9.2 Critical Success Factors (CSFs)

## 4 SEGMENTATION OF GLOBAL MARKET BY SUBSYSTEM

- 4.1 Market Overview by Subsystem
- 4.2 Global Commercial UAV Hardware Market 2014-2025
- 4.3 Global Commercial UAV Software Market 2014-2025
- 4.4 Global Commercial UAV Service Market 2014-2025

## **5 SEGMENTATION OF GLOBAL MARKET BY APPLICATION**

- 5.1 Market Overview by Application
- 5.2 Global UAVs Market for Agriculture 2014-2025
- 5.3 Global UAVs Market for Real Estate, Geology and Infrastructure 2014-2025

Civilian/Commercial Drones Market 2016-2025: Worldwide Analysis, Risk Assessment, Trend Outlook and Business S...



- 5.4 Global UAVs Market for Law Enforcement 2014-2025
- 5.5 Global UAVs Market for Energy Sector 2014-2025
- 5.6 Global UAVs Market for Industry and Manufacture 2014-2025
- 5.7 Global UAVs Market for Personal and Hobby 2014-2025
- 5.8 Global UAVs Market for Logistics and Retail 2014-2025
- 5.9 Global UAVs Market for Police and Public Safety 2014-2025
- 5.10 Global UAVs Market for Media and Entertainment 2014-2025
- 5.11 Global UAVs Market for Disaster and Emergency Response 2014-2025
- 5.12 Global UAVs Market for Environmental Monitoring 2014-2025
- 5.13 Global UAVs Market for Other Civilian Purpose 2014-2025

#### **6 SEGMENTATION OF GLOBAL MARKET BY DRONE FRAME**

- 6.1 Market Overview by Drone Frame
- 6.2 Fixed Wing Drones Market 2014-2025
- 6.3 Rotary Blade Drones Market 2014-2025
- 6.4 Nano Drones Market 2014-2025
- 6.5 Hybrid Drones Market 2014-2025

#### 7 SEGMENTATION OF GLOBAL MARKET BY TECHNOLOGY

- 7.1 Market Overview by Technology
- 7.2 Energy and Propulsion System Market 2014-2025
- 7.3 Data Collecting and Processing System Market 2014-2025
- 7.4 Steering and Positioning System Market 2014-2025
- 7.5 Automation System Market 2014-2025
- 7.6 Communications and Relays System Market 2014-2025
- 7.7 Cyber Security System Market 2014-2025

#### **8 SEGMENTATION OF GLOBAL MARKET BY REGION**

- 8.1 Geographic Market Overview by Region 2015-2025
- 8.2 North America Market 2014-2025
  - 8.2.1 Overview of North America Market
  - 8.2.2 U.S. Market
  - 8.2.3 Canadian Market
- 8.3 European Market 2014-2025
- 8.3.1 Overview of European Market
- 8.3.2 Germany



8.3.3 France

- 8.3.4 UK
- 8.3.5 Italy
- 8.3.6 Spain
- 8.3.7 Rest of European Market
- 8.4 Asia-Pacific Market 2014-2025
  - 8.4.1 Overview of Asia-Pacific Market
  - 8.4.2 Japan
  - 8.4.3 China
  - 8.4.4 South Korea
  - 8.4.5 Australia
  - 8.4.6 India
  - 8.4.7 Rest of APAC Region
- 8.5 Latin America Market 2014-2025
- 8.5.1 Overview of Latin America Market
- 8.5.2 Mexico
- 8.5.3 Brazil
- 8.5.4 Rest of Latin America
- 8.6 Rest of World Market 2014-2025

#### **9 COMPETITIVE LANDSCAPE**

- 9.1 Overview of Global Vendors
- 9.2 Recent Product Launches and Updates
- 9.3 Company Profiles (51 Vendors)
  - **3D ROBOTICS INC**
- Aeronautics Ltd.
- AeroVironment, Inc.
- Aeryon Labs
- AgEagle Aerial Systems Inc.
- Agribotix LLC
- Aibotix GmbH
- Airware, Inc.
- Alibaba Group Holding Limited
- Amazon
- Ascending Technologies GmbH
- Aurora Flight Sciences
- AutoCopter Corp.
- China Aerospace Science and Technology Corporation (CASC)



CybAero AB Cyberhawk Innovations Ltd. Dajiang Innovation Technology Inc. (DJI) Delair-Tech Delta Drone S.A. **Denel Dynamics Draganfly Innovations** DroneDeploy **Eagle UAV Services** EHANG, Inc. Facebook, Inc. Flirtey FT SISTEMAS S.A. Google Inc. GoPro, Inc. Guangzhou Geeklink Intelligent Technology Co., Ltd. (Xaircraft) Hobbico, Inc. HoneyComb Corporation Hubsan Technology Co., Ltd. (China) HUVRData, LLC L-3 Communications Holdings Inc. Leonardo-Finmeccanica Marcus UAV Inc **Precision Drone** PrecisionHawk Prox Dynamics AS Proxy Technologies Inc. Safran S.A. Schiebel senseFly Skycatch Inc **Sky-Futures** Trimble Navigation Ltd. **URSULA** Agriculture Ltd Walkera Technology Co., Ltd. Yuneec International Yamaha Motor Co., Ltd. RELATED REPORTS AND PRODUCTS



# **List Of Tables**

#### LIST OF TABLES

- Table 1. Trend of Global Civilian Drones Market by Shipment and Revenue, 2015-2025
- Table 2. Average Annual Growth Rates of Global Real GDP, Outlook to 2030
- Table 3. Population Estimates by Region, 2015, 2030, 2050, and 2100 (millions)
- Table 4. Main Challenges in Global Commercial Drones Market

Table 5. Main Product Trends and Market Opportunities in Global Commercial Drones Market

Table 6. Summary and Outlook of Risk Evaluation for Investing in Global Civilian Drones Market, 2016-2025

Table 7. List of Critical Success Factors and Key Takeaway Notes

 Table 8. Shipment Market Share and Annual Growth Rate by Application, 2016-2025

 Table 9. Revenue Market Share and Annual Growth Rate by Application, 2016-2025

Table 10. Pros and Cons Comparison of Commercial Drones with Various Rotor Types

- Table 11. Facebook Revenue, 2004-2015, \$ million
- Table 12. Key Budget Statistics, 2007-2015, ? million

Table 13. Summary of Aircraft Built by Yuneec International



# **List Of Figures**

#### **LIST OF FIGURES**

Figure 1. Research Method Flow Chart Figure 2. GDP Growth Rates in OECD and Developing Countries: Comparison of 2006-15 and 2016-25 Figure 3. Structure of Global Civilian UAVs/Drones Market

Figure 4. Global Civilian Drones Market by Unit Shipment, 2014-2025, thousand units

Figure 5. Global Civilian Drones Market by Sales Revenue, 2014-2025, \$ bn

Figure 6. Primary Drivers and Impact Factors of Global Commercial Drones Market

Figure 7. Primary Restraints and Impact Factors of Global Commercial Drones Market

Figure 8. Porter's Fiver Forces Analysis of Global Commercial UAVs/Drones Market

Figure 9. Breakdown of Global Civilian Drones Market by Subsystem, 2016 and 2025, % of Revenue

Figure 10. Comparison of 2015-2025 Revenue Growth Rates by Subsystem

Figure 11. Global Civilian UAV Hardware Market by Sales Revenue, 2014-2025, \$ bn

Figure 12. Global Civilian UAV Software Market by Sales Revenue, 2014-2025, \$ bn

Figure 13. Global Civilian UAV Service Market by Sales Revenue, 2014-2025, \$ bn

Figure 14. Global Drones Market for Agriculture by Unit Shipment, 2014-2025, thousand units

Figure 15. Global Drones Market for Agriculture by Sales Revenue, 2014-2025, \$ bn

Figure 16. Global Drones Market for Real Estate, Geology and Infrastructure by Unit Shipment, 2014-2025, thousand units

Figure 17. Global Drones Market for Real Estate, Geology and Infrastructure by Sales Revenue, 2014-2025, \$ mn

Figure 18. Global Drones Market for Law Enforcement by Unit Shipment, 2014-2025, thousand units

Figure 19. Global Drones Market for Law Enforcement by Sales Revenue, 2014-2025, \$ mn

Figure 20. Global Drones Market for Energy Sector by Unit Shipment, 2014-2025, thousand units

Figure 21. Global Drones Market for Energy Sector by Sales Revenue, 2014-2025, \$ mn

Figure 22. Global Drones Market for Industry and Manufacture by Unit Shipment,

2014-2025, thousand units

Figure 23. Global Drones Market for Industry and Manufacture by Sales Revenue, 2014-2025, \$ mn

Figure 24. Global Drones Market for Personal and Hobby by Unit Shipment, 2014-2025,



thousand units

Figure 25. Global Drones Market for Personal and Hobby by Sales Revenue,

2014-2025, \$ mn

Figure 26. Global Drones Market for Logistics and Retail by Unit Shipment, 2014-2025, thousand units

Figure 27. Global Drones Market for Logistics and Retail by Sales Revenue, 2014-2025, \$ mn

Figure 28. Global Drones Market for Police and Public Safety by Unit Shipment, 2014-2025, thousand units

Figure 29. Global Drones Market for Police and Public Safety by Sales Revenue, 2014-2025, \$ mn

Figure 30. Global Drones Market for Media and Entertainment by Unit Shipment, 2014-2025, thousand units

Figure 31. Global Drones Market for Media and Entertainment by Sales Revenue, 2014-2025, \$ mn

Figure 32. Global Drones Market for Disaster and Emergency Response by Unit Shipment, 2014-2025, thousand units

Figure 33. Global Drones Market for Disaster and Emergency Response by Sales Revenue, 2014-2025, \$ mn

Figure 34. Global Drones Market for Environmental Monitoring by Unit Shipment, 2014-2025, thousand units

Figure 35. Global Drones Market for Environmental Monitoring by Sales Revenue, 2014-2025, \$ mn

Figure 36. Global Drones Market for Other Civilian Purpose by Unit Shipment,

2014-2025, thousand units

Figure 37. Global Drones Market for Other Civilian Purpose by Sales Revenue, 2014-2025, \$ mn

Figure 38. Breakdown of Global Civilian Drones Market by Frame Type, 2016 and 2025, % of Unit Shipment

Figure 39. Comparison of 2015-2025 Shipment Growth Rates by Frame Type

Figure 40. Breakdown of Global Agricultural Drones Market by Frame Type, 2016 and 2025, % of System Revenue

Figure 41. Comparison of 2015-2025 Revenue Growth Rates by Frame Type

Figure 42. Global Fixed-Wing Drones Market by Unit Shipment, 2014-2025, thousand units

Figure 43. Global Fixed-Wing Drones Market by Sales Revenue, 2014-2025, \$ bn Figure 44. Global Rotary-Blade Drones Market by Unit Shipment, 2014-2025, thousand units

Figure 45. Global Rotary-Blade Drones Market by Sales Revenue, 2014-2025, \$ bn



Figure 46. Global Nano Drones Market by Unit Shipment, 2014-2025, thousand units Figure 47. Global Nano Drones Market by Sales Revenue, 2014-2025, \$ bn Figure 48. Global Hybrid Drones Market by Unit Shipment, 2014-2025, thousand units Figure 49. Global Hybrid Drones Market by Sales Revenue, 2014-2025, \$ bn Figure 50. Breakdown of Global Commercial Drones Market by Technology, 2016 and 2025, % of System Revenue Figure 51. Comparison of 2015-2025 Revenue Growth Rates by Technology Figure 52. Global Market for UAV Energy and Propulsion System, 2014-2025, \$ bn Figure 53. Global Market for UAV Data Collecting and Processing System, 2014-2025, \$bn Figure 54. Global Market for UAV Steering and Positioning System, 2014-2025, \$ bn Figure 55. Global Market for UAV Automation System, 2014-2025, \$ bn Figure 56. Global Market for UAV Communications and Relays System, 2014-2025, \$ bn Figure 57. Global Market for UAV Cyber Security System, 2014-2025, \$ bn Figure 58. Geographic Spread of Worldwide Civilian UAVs Market, 2016 and 2025, % of Unit Shipment Figure 59. Comparison of 2015-2025 Shipment Growth Rates by Region Figure 60. Geographic Spread of Worldwide Civilian UAVs Market, 2016 and 2025, % of Sales Revenue Figure 61. Comparison of 2015-2025 Revenue Growth Rates by Region Figure 62. North American Civilian Drones Market by Shipment, 2014-2025, thousand units Figure 63. North American Civilian Drones Market by Revenue, 2014-2025, \$ bn Figure 64. Breakdown of North America Civilian Drones Market by Country, 2016 and 2025, % of Revenue Figure 65. 2015-2025 Revenue Growth Rates of National Markets in North America Figure 66. U.S. Civilian Drones Market, 2014-2025, \$ bn Figure 67. Canadian Civilian Drones Market, 2014-2025, \$ mn Figure 68. European Civilian Drones Market by Shipment, 2014-2025, thousand units Figure 69. European Civilian Drones Market by Revenue, 2014-2025, \$ bn Figure 70. Breakdown of European Civilian Drones Market by Country, 2016 and 2025, % of Revenue Figure 71. 2015-2025 Revenue Growth Rates of National Markets in Europe Figure 72. Civilian Drones Market in Germany, 2014-2025, \$ mn Figure 73. Civilian Drones Market in France, 2014-2025, \$ mn Figure 74. Civilian Drones Market in UK, 2014-2025, \$ mn Figure 75. Civilian Drones Market in Italy, 2014-2025, \$ mn Figure 76. Civilian Drones Market in Spain, 2014-2025, \$ mn



Figure 77. Civilian Drones Market in Rest of Europe, 2014-2025, \$ mn

Figure 78. Asia-Pacific Civilian Drones Market by Shipment, 2014-2025, thousand units

Figure 79. Asia-Pacific Civilian Drones Market by Revenue, 2014-2025, \$ bn

Figure 80. Breakdown of APAC Civilian Drones Market by Country, 2016 and 2025, % of Revenue

Figure 81. 2015-2025 Revenue Growth Rates of National Markets in APAC

Figure 82. Civilian Drones Market in Japan, 2014-2025, \$ mn

Figure 83. Civilian Drones Market in China, 2014-2025, \$ mn

Figure 84. Civilian Drones Market in South Korea, 2014-2025, \$ mn

Figure 85. Civilian Drones Market in Australia, 2014-2025, \$ mn

Figure 86. Civilian Drones Market in India, 2014-2025, \$ mn

Figure 87. Civilian Drones Market in Rest APAC, 2014-2025, \$ mn

Figure 88. Latin America Civilian Drones Market by Shipment, 2014-2025, thousand units

Figure 89. Latin America Civilian Drones Market by Revenue, 2014-2025, \$ bn

Figure 90. Breakdown of Latin America Civilian Drones Market by Country, 2016 and 2025, % of Revenue

Figure 91. 2015-2025 Revenue Growth Rates of National Markets in Latin America

- Figure 92. Civilian Drones Market in Mexico, 2014-2025, \$ mn
- Figure 93. Civilian Drones Market in Brazil, 2014-2025, \$ mn
- Figure 94. Civilian Drones Market in Rest of Latin America, 2014-2025, \$ mn

Figure 95. Civilian Drones Market in Rest of the World (RoW) by Shipment, 2014-2025, thousand units

Figure 96. Civilian Drones Market in Rest of the World (RoW) by Revenue, 2014-2025, \$ bn

Figure 97. Agribotix Hornet Drone and Agribotix Image Processing Services

Figure 98. PrecisionHawk Lancaster and Plug-in Sensors 260

Figure 99. senseFly eBee Ag and Autopilot System

## **COMPANIES MENTIONED**

3D Robotics (US) Aeronautics Ltd. (Israel) AeroVironment, Inc. (US) Aeryon Labs (Canada) AgEagle Aerial Systems Inc. (US) Agribotix LLC (US) Aibotix GmbH (Germany) Airware, Inc. (US)



Alibaba Group Holding Limited (China) Amazon (US) Ascending Technologies GmbH (Germany) Aurora Flight (US) AutoCopter Corp. (U.S.) China Aerospace Science and Technology Corporation (China) CybAero AB (Sweden) Cyberhawk Innovations (UK) Dajiang Innovation Technology Inc. (DJI) (China) Delair-Tech (France) Delta Drone S.A. (France) Denel Dynamics (South Africa) Draganfly Innovations (Canada) DroneDeploy (U.S.) Eagle UAV Services (U.S.) EHANG, Inc. (China) Facebook (US) Flirtey (US) FT SISTEMAS S.A. (Brazil) Google (US) GoPro, Inc. (US) Guangzhou Geeklink Intelligent Technology Co., Ltd. (Xaircraft) (China) Hobbico, Inc. (US) HoneyComb Corporation (US) Hubsan Technology Co., Ltd. (China) HUVRData, LLC (US) L-3 Communications (US) Leonardo-Finmeccanica (Italy) Marcus UAV Inc (US) Precision Drone (US) PrecisionHawk (US) Prox Dynamics (Norway) Proxy Technologies (US) Safran (France) Schiebel (Austria) senseFly (Switzerland) Skycatch Inc (US) Sky-Futures (UK) Trimble Navigation Ltd. (US)



URSULA Agriculture (U.K.) Walkera (China) Yamaha Motor Co., Ltd. (Japan) Yuneec International (China)



#### I would like to order

Product name: Civilian/Commercial Drones Market 2016-2025: Worldwide Analysis, Risk Assessment, Trend Outlook and Business Strategy

Product link: https://marketpublishers.com/r/C19FA9026E4EN.html

Price: US\$ 3,230.00 (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 <u>https://marketpublishers.com/r/C19FA9026E4EN.html</u>

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

Custumer signature \_\_\_\_\_

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

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



Civilian/Commercial Drones Market 2016-2025: Worldwide Analysis, Risk Assessment, Trend Outlook and Business S...