

Global Drone Inspection and Monitoring Market Size study, by Types {Fixed wing, Multirotor, Hybrid}, by application {Construction & Infrastructure, Agriculture, Utilities, Oil & Gas, Mining, Others}, by mode of operation {Fully Autonomous, optionally, remotely} Regional Forecasts 2021-2027

<https://marketpublishers.com/r/G193330D22DDEN.html>

Date: July 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G193330D22DDEN

Abstracts

Global Drone Inspection and Monitoring Market reached USD 27.4 Billion in 2020. The Global Drone Inspection and Monitoring Market tends to grow by CAGR of 16.4% in the 2021-2027 period.

Drones are flying objects that captures the live scenes from the specific places and help to analyze the current situation. As labour law becoming stricter in every region and safety of workers are the utmost priority, these are the techniques adopted by the players. Drones are available in various form and types like automated drone, manual drone and other. Drone are adopted by almost every sector and industry now a days for inspection and monitoring. Visual inspection is mandatory to ensure all the resources of company are being used in full capacity and manner. Driving factor is mainly all the industries that are growing and requires the help of Drone in there business anyhow. Starting with increasing need of precision farming to multifold the productivity of crops drives the market growth. Along with farming, there are various other business-like aerial photography, environmental mapping, transportation of goods. With increasing demand from industry, more companies are coming into this sector that reduces the drone cost and it also ensure the human safety. Due to the stricter laws construction and infrastructure players have to adopt the drone technique to inspect the situation and measure, due to which this segment is growing to be the leading sector for this market. Furthermore, there is high demand of advance tech drones that can operate automatically and big player are focused on making this happen which provides

opportunities to the market. Drone can max to max fly for 20-30 minutes before switching out or running out of batteries, that's the biggest challenge for this industry. Also, governments have implemented strict rules and regulation for companies working in this sector or for the new entrants.

The drone inspection & monitoring market in Asia Pacific is projected to register the highest CAGR during the forecast period. The growth of this regional market can be attributed to the increasing demand for drones in growing economies like China and India, where drones are widely employed for inspection and monitoring tasks in the agriculture and utility sectors.

Also, the growth of the drone inspection & monitoring market in North America can be attributed to the increased demand for drones in sectors such as infrastructure & construction, agriculture, oil & gas, mining and utilities. The US is estimated to account for the largest market share of the drone inspection & monitoring market in North America from 2021 to 2027.

Major market player included in this report are:

Intertek

MISTRAS Group

WIPRO

Intel Corporation

Lockhead Martin Corporation

Northrop Grumman Corporation

SZ DZI Technology Co.

Parrot SA

GarudaUAV

Maverick Inspection

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Construction & Infrastructure

Agriculture

Utilities

Oil & Gas

Mining

Others

By Types:

Fixed wing

Multirotor

Hybrid

By mode of operation:

Fully Autonomous

Optionally

remotely

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Drone Inspection and Monitoring Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
 - 1.2.1. Global Drone Inspection and Monitoring Market, by Types, 2019-2027 (USD Billion)
 - 1.2.2. Global Drone Inspection and Monitoring Market, by Application, 2019-2027 (USD Billion)
 - 1.2.3. Global Drone Inspection and Monitoring Market, by Mode of operation, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL DRONE INSPECTION AND MONITORING MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL DRONE INSPECTION AND MONITORING MARKET DYNAMICS

- 3.1. Global Drone Inspection and Monitoring Market Impact Analysis (2019-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing demand for safe and accurate inspection & monitoring
 - 3.1.1.2. Increased saving on downtime & liability insurance
 - 3.1.1.3. Increased cost saving & human safety
 - 3.1.2. Market Challenges
 - 3.1.2.1. Issue with drone safety & security
 - 3.1.2.2. Regulatory hurdles & budgetary constraints
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Technology advancement

3.1.3.2. Lower competition among peers

CHAPTER 4. GLOBAL DRONE INSPECTION AND MONITORING MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

4.1.1. Bargaining Power of Suppliers

4.1.2. Bargaining Power of Buyers

4.1.3. Threat of New Entrants

4.1.4. Threat of Substitutes

4.1.5. Competitive Rivalry

4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)

4.2. PEST Analysis

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

4.3. Investment Adoption Model

4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL DRONE INSPECTION AND MONITORING MARKET BY TYPE

5.1. Market Snapshot

5.2. Global Drone Inspection and Monitoring Market by Type, Performance - Potential Analysis

5.3. Global Drone Inspection and Monitoring Market Estimates & Forecasts by Type 2018-2027 (USD Billion)

5.4. Global Drone Inspection and Monitoring Market, Sub Segment Analysis

5.4.1. Fixed wing

5.4.2. Multirotor

5.4.3. Hybrid

CHAPTER 6. GLOBAL DRONE INSPECTION AND MONITORING MARKET BY APPLICATION

6.1. Market Snapshot

6.2. Global Drone Inspection and Monitoring Market by Application, Performance - Potential Analysis

6.3. Global Drone Inspection and Monitoring Market Estimates & Forecasts by Application 2018-2027 (USD Billion)

6.4. Global Drone Inspection and Monitoring Market, Sub Segment Analysis

6.4.1. Construction & Infrastructure

6.4.2. Agriculture

6.4.3. Utilities

6.4.4. Oil & Gas

6.4.5. Mining

6.4.6. Other

CHAPTER 7. GLOBAL DRONE INSPECTION AND MONITORING MARKET BY MODE OF OPERATION

7.1. Market Snapshot

7.2. Global Drone Inspection and Monitoring Market by Mode of operation, Performance - Potential Analysis

7.3. Global Drone Inspection and Monitoring Market Estimates & Forecasts by Mode of operation 2018-2027 (USD Billion)

7.4. Global Drone Inspection and Monitoring Market, Sub Segment Analysis

7.4.1. Fully autonomous

7.4.2. Remotely

7.4.3. Optionally

CHAPTER 8. GLOBAL DRONE INSPECTION AND MONITORING MARKET, REGIONAL ANALYSIS

8.1. Global Drone Inspection and Monitoring Market, Regional Market Snapshot

8.2. North America Drone Inspection and Monitoring Market

8.2.1. U.S. Drone Inspection and Monitoring Market

8.2.1.1. Type breakdown estimates & forecasts, 2018-2027

8.2.1.2. Application breakdown estimates & forecasts, 2018-2027

8.2.1.3. Mode of Operation breakdown estimates & forecasts, 2018-2027

8.2.2. Canada Drone Inspection and Monitoring Market

8.3. Europe Drone Inspection and Monitoring Market Snapshot

8.3.1. U.K. Drone Inspection and Monitoring Market

8.3.2. Germany Drone Inspection and Monitoring Market

8.3.3. France Drone Inspection and Monitoring Market

8.3.4. Spain Drone Inspection and Monitoring Market

8.3.5. Italy Drone Inspection and Monitoring Market

- 8.3.6. Rest of Europe Drone Inspection and Monitoring Market
- 8.4. Asia-Pacific Drone Inspection and Monitoring Market Snapshot
 - 8.4.1. China Drone Inspection and Monitoring Market
 - 8.4.2. India Drone Inspection and Monitoring Market
 - 8.4.3. Japan Drone Inspection and Monitoring Market
 - 8.4.4. Australia Drone Inspection and Monitoring Market
 - 8.4.5. South Korea Drone Inspection and Monitoring Market
 - 8.4.6. Rest of Asia Pacific Drone Inspection and Monitoring Market
- 8.5. Latin America Drone Inspection and Monitoring Market Snapshot
 - 8.5.1. Brazil Drone Inspection and Monitoring Market
 - 8.5.2. Mexico Drone Inspection and Monitoring Market
- 8.6. Rest of The World Drone Inspection and Monitoring Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Top Market Strategies
- 9.2. Company Profiles
 - 9.2.1. Intertek
 - 9.2.1.1. Key Information
 - 9.2.1.2. Overview
 - 9.2.1.3. Financial (Subject to Data Availability)
 - 9.2.1.4. Product Summary
 - 9.2.1.5. Recent Developments
 - 9.2.2. MISTRAS Group
 - 9.2.3. WIPRO
 - 9.2.4. Intel Corporation
 - 9.2.5. Lockheed Martin Corporation
 - 9.2.6. Northrop Grumman Corporation
 - 9.2.7. SZ DZI Technology Co.
 - 9.2.8. Parrot SA
 - 9.2.9. Garuda UAV
 - 9.2.10. Maverick Inspection

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Drone Inspection and Monitoring Market, report scope

TABLE 2. Global Drone Inspection and Monitoring Market estimates & forecasts by region 2018-2027 (USD Billion)

TABLE 3. Global Drone Inspection and Monitoring Market estimates & forecasts by Types 2018-2027 (USD Billion)

TABLE 4. Global Drone Inspection and Monitoring Market estimates & forecasts by Mode of Operation 2018-2027 (USD Billion)

TABLE 5. Global Drone Inspection and Monitoring Market estimates & forecasts by Application 2018-2027 (USD Billion)

TABLE 6. Global Drone Inspection and Monitoring Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 7. Global Drone Inspection and Monitoring Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 8. Global Drone Inspection and Monitoring Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 9. Global Drone Inspection and Monitoring Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 10. Global Drone Inspection and Monitoring Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 11. Global Drone Inspection and Monitoring Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 12. Global Drone Inspection and Monitoring Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 13. Global Drone Inspection and Monitoring Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 14. Global Drone Inspection and Monitoring Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 15. Global Drone Inspection and Monitoring Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 16. U.S. Drone Inspection and Monitoring Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 17. U.S. Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 18. U.S. Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 19. Canada Drone Inspection and Monitoring Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 20. Canada Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 21. Canada Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 22. UK Drone Inspection and Monitoring Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 23. UK Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 24. UK Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 25. Germany Drone Inspection and Monitoring Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 26. Germany Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. Germany Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 28. RoE Drone Inspection and Monitoring Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 29. RoE Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. RoE Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 31. China Drone Inspection and Monitoring Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 32. China Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. China Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 34. India Drone Inspection and Monitoring Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 35. India Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. India Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 37. Japan Drone Inspection and Monitoring Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 38. Japan Drone Inspection and Monitoring Market estimates & forecasts by

segment 2018-2027 (USD Billion)

TABLE 39. Japan Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 40. RoAPAC Drone Inspection and Monitoring Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 41. RoAPAC Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 42. RoAPAC Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 43. Brazil Drone Inspection and Monitoring Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 44. Brazil Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 45. Brazil Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 46. Mexico Drone Inspection and Monitoring Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 47. Mexico Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 48. Mexico Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 49. RoLA Drone Inspection and Monitoring Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 50. RoLA Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 51. RoLA Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 52. Row Drone Inspection and Monitoring Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 53. Row Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 54. Row Drone Inspection and Monitoring Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 55. List of secondary sources, used in the study of Global Drone Inspection and Monitoring Market

TABLE 56. List of primary sources, used in the study of Global Drone Inspection and Monitoring Market

TABLE 57. Years considered for the study

TABLE 58. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Drone Inspection and Monitoring Market, research methodology
- FIG 2. Global Drone Inspection and Monitoring Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Drone Inspection and Monitoring Market, key trends 2020
- FIG 5. Global Drone Inspection and Monitoring Market, growth prospects 2021-2027
- FIG 6. Global Drone Inspection and Monitoring Market, porters 5 force model
- FIG 7. Global Drone Inspection and Monitoring Market, pest analysis
- FIG 8. Global Drone Inspection and Monitoring Market, value chain analysis
- FIG 9. Global Drone Inspection and Monitoring Market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Drone Inspection and Monitoring Market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Drone Inspection and Monitoring Market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Drone Inspection and Monitoring Market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Drone Inspection and Monitoring Market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Drone Inspection and Monitoring Market, regional snapshot 2018 & 2027
- FIG 15. North America Global Drone Inspection and Monitoring Market 2018 & 2027 (USD Billion)
- FIG 16. Europe Global Drone Inspection and Monitoring Market 2018 & 2027 (USD Billion)
- FIG 17. Asia pacific Global Drone Inspection and Monitoring Market 2018 & 2027 (USD Billion)
- FIG 18. Latin America Global Drone Inspection and Monitoring Market 2018 & 2027 (USD Billion)
- FIG 19. Global Drone Inspection and Monitoring Market, company market share analysis (2020)

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