

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

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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

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