

Inspection Drones Market By Drone Type (Fixed Wing drone, Multirotor drone, Hybrid drone), By Operation Mode (Remotely piloted, Semi-autonomous, Fully autonomous), By End-Use Industry (Construction and infrastructure, Oil and gas, Agriculture, Utilities, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031

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Report description:

Drone inspection is a drone-based platform that provides services to the clients. It provides insights to the teams with relevant pictures of the area for quick analysis, error checking or even improvement suggestions. The user can review the footage at anytime from anywhere in the world. It uses drone technology to inspect, monitor, and manage assets in order to prevent catastrophic failure.

The advent of technology and the integration of Artificial Intelligence (AI) with the drone along with the development of thermal imaging and methane gas detection have been the major factors leading to the adoption of the drone by the oil and gas operators, and it is expected to drive the inspection drones market during the forecast period. The demand for associated infrastructure such as pipelines & refinery is expected to increase in the market, thus offering greater business opportunities for the oil and gas drone services providers. In May 2019, one of the operational offices of Terra Drone Corp (Japan) opened in Angola. This office aims to expand its existence in the global inspection drones market in Africa.

The growth of the global inspection drones market is anticipated to be driven by factors such as increased cost-saving & human safety, emergence of various start-ups, and surge in demand for improved surveillance. However, rise in government regulations related to drones acts as a major restraint for the global inspection drones market. On the contrary, technological advancements in drones is expected to create lucrative opportunities for the inspection drones market.

The global inspection drones market is segmented into drone type, operation mode, end-use industry, and region. By drone type, the market is classified into fixed-wing drone, multirotor drone, and hybrid drone. By operation mode, the market is segmented into remotely piloted, semi-autonomous, and fully autonomous. By end-use industry, the market is classified into construction & infrastructure, oil & gas, agriculture, utilities, and others.

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Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the inspection drones market analysis from 2021 to 2031 to identify the prevailing inspection drones market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the inspection drones market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global inspection drones market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Drone Type

- Fixed Wing drone
- Multirotor drone
- Hybrid drone

By Operation Mode

- Semi-autonomous
- Fully autonomous
- Remotely piloted

By End-Use Industry

- Construction and infrastructure
- Oil and gas
- Agriculture
- Utilities
- Others

By Region

- North America
 - U.S.
 - Canada
 - Mexico
- Europe
 - UK
 - Germany
 - France
 - Russia
 - Rest Of Europe
- Asia-Pacific
 - China
 - Japan
 - India
 - South Korea
 - Rest Of Asia-Pacific
- LAMEA
 - Latin America
 - Middle East

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- Africa
- Key Market Players
- American Robotics, Inc.
- Aerovironment Inc.
- Ageagle Aerial Systems Inc.
- SZ DJI Technology Co., Ltd.
- Israel Aerospace Industries
- Microdrones GmbH
- Parrot SA
- PrecisionHawk Inc.
- Trimble Inc.
- Yamaha Motor Corp

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