

Unmanned Aerial Vehicles Market Size, Share, and Analysis, By System (UAV Avionics, UAV Payloads, UAV Propulsion, UAV Airframe and UAV Software), By Class (Small UAVs, Tactical UAVs, Strategic UAVs), By Technology (Semi-autonomous, Fully-autonomous, Remotely Operated), By Component (Propulsion System, Airframe, Payload, Guidance Navigation & Control), By Range (Visual Range of Sight, Beyond Visual Line of Sight), By Weight (Less Than 50 Kg, More Than 50 Kg), By Point of Sale (OEM, Aftermarket), By Platform (Rotary-Wing, Fixed-Wing and Others), By Application (Agriculture, Commercial, Construction, Military, Mining and Other) and Regional Forecasts, 2022-2032

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Abstracts

Unmanned Aerial Vehicles Market Size, Share, and Analysis, By System (UAV Avionics, UAV Payloads, UAV Propulsion, UAV Airframe and UAV Software), By Class (Small UAVs, Tactical UAVs, Strategic UAVs), By Technology (Semi-autonomous, Fully-autonomous, Remotely Operated), By Component (Propulsion System, Airframe, Payload, Guidance Navigation & Control), By Range (Visual Range of Sight, Beyond Visual Line of Sight), By Weight (Less Than 50 Kg, More Than 50 Kg), By Point of Sale (OEM, Aftermarket), By Platform (Rotary-Wing, Fixed-Wing and Others), By Application (Agriculture, Commercial, Construction, Military, Mining and Other) and Regional

Forecasts, 2022-2032

PRODUCT OVERVIEW

Unmanned Aerial Vehicles Market size was USD 21.22 billion in 2021 and projected to grow from USD 28.1 billion in 2023 to USD 102.4 billion by 2032, exhibiting a CAGR of 15.4% during the forecast period.

Unmanned aerial vehicles (UAVs) are usually referred to as drones which are an important component of Unmanned Aerial System (UAS). These aerodynamic structures are originated to perform actions using desired navigation system. The autonomous aircraft are supplied with onboard computers which can be remotely controlled. They aid in reducing the risk to human life for military personnel and are used in observing behaviour, enemy troop tracking, and gathering information.

MARKET HIGHLIGHTS

Unmanned Aerial Vehicles Market is expected to reach USD 102.4 billion, growing at a CAGR of 15.4% during forecast period. UAV are the modern aircraft technology which help in assessment, surveillance, photography etc. The initiation of rules and regulation related to the use of UAVs is expected to drive the growth of unmanned aerial vehicle. The increasing acceptance of the smart technology and their applications in the different areas like agricultural, civil, transportation, healthcare, mining, etc. is expected to boost the growth of the market.

Unmanned Aerial Vehicles Market Segments:

System

UAV Avionics

UAV Payloads

UAV Propulsion

UAV Airframe

UAV Software

Class

Small UAVs

Tactical UAVs

Strategic UAVs

Technology

Semi-autonomous

Fully-autonomous

Remotely Operated Virtual Assistant

Component

Propulsion System

Airframe, Payload

Guidance Navigation & Control

Range

Visual Range of Sight

Beyond Visual Line of Sight

Weight

Less Than 50 Kg

More Than 50 Kg

Point of Sale

OEM

Aftermarket

Platform

Rotary-Wing

Fixed-Wing

Others

Application

Agriculture

Commercial

Construction

Military

Mining

Other

MARKET DYNAMICS

Growth Drivers

Increasing Demand for UAVs is Expected to Boost the Growth of the Market

Rising Infrastructure Projects Requiring UAVs is Expected to Boost the Growth of the Market

Restraint

Stringent Regulations May Restrain the Growth of the Market

Key Players

Holy Stone

Autel Robotics

AeroVironment Inc

Hexagon

Kesper Drone

DJI

Yuneec

Parrot

G%li%Pro

Delair

Other Prominent Players (Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAG.R – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR –

United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through

Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

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