

# **India UAV Drones Market, By Type (Fixed Wing, High-Altitude Long Endurance (HALE), Unmanned Combat Aerial Vehicle (UCAV), Medium-Altitude Long-Endurance Unmanned Aerial Vehicle (MALE) and Others), By Payload (0-25kg, 25-100 kg, 100-500kg, 500 Kg and above), By Equipment (Sensor, Camera), By Component (Hardware, Software and Accessories), By Application (Defence, Commercial, Industrial, Agriculture, Entertainment and Others), Forecast & Opportunities, FY2026**

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## **Abstracts**

India UAV Drones market is expected to reach USD1,810 million by FY2026 growing at a CAGR of 14.61%, owing to the rapid technological advancements and growing need for advanced security systems. With increasing Drone penetration in the defense systems of India, the need for border security concerns and healthcare requirements is creating numerous growth opportunities for the UAV Drones market in India. The end users are progressively receiving diverse type of Drones, for example, Fixed Wing, HALE, MALE, UCAV to confirm their identity along with increasing initiatives of The Government of India in broadly utilizing Drones in different activities like defense, entertainment, industrial, agriculture and commercial uses which in turn is straightforwardly pushing the demand for the market over the coming years.

UAV Drones market can be segmented based on the type, end user, component, and region. Based on type, the market can be segmented into Fixed Wing HALE MALE and UCAV. MALE type is expected to lead the market owing to its increasing demand from

the Defense and Industrial sectors, followed by Fixed Wing devices. MALE has enhanced capturing images, recording videos, delivering objects, etc., making it dominant in the market. Moreover, the increasing demand for Drones from various entertainment, end-use industries, residential complex, the healthcare sector is predicted to drive the demand for UAV Drones during the forecast period.

Some of the players in the India UAV Drones market include Idea forge Technology Pvt Limited, Asteria Aerospace Pvt Ltd, Detect Technologies Pvt Ltd, Aarav Unmanned Systems Pvt Ltd, Edal Systems and Services Limited and others. The companies operating in the market are focusing on expansion and collaborations to increase their share in the market.

Years considered for this report:

Historical Years: FY2016-FY2019

Base Year: FY2020

Estimated Year: FY2021

Forecast Period: FY2022-FY2026

Objective of the Study:

To analyze the historical growth in the market size of the India UAV Drones market from FY2016 to FY2020.

To estimate and forecast the market size of the India UAV Drones market from FY2021 to FY2026 and growth rate until FY2026.

To define, classify and forecast India UAV Drones market based on type, end user, region, component, and company.

To scrutinize the detailed market segmentation and forecast the market size, in terms of value, and based on end use sector by segmenting India UAV Drones market into six sectors, namely, defense, entertainment, commercial, agricultural, industrial and others (photography, blogging etc.).

To analyze and forecast the market size, in terms of technology types with respect to key types such as Fixed Wing, HALE, MALE, UCAV.

To identify the drivers and challenges for the India UAV Drones market.

To strategically profile leading players in the market which are driving the innovation and technological advancements in India UAV Drones market.

TechSci Research performed both primary as well as exhaustive secondary research for this study. Initially, TechSci Research sourced a list of Drone manufacturers across India. Subsequently, TechSci Research conducted primary research surveys with the identified companies. While interviewing, the respondents were also enquired about their competitors. Through this technique, TechSci Research was able to include the manufacturers which could not be identified due to the limitations of secondary research. TechSci Research analyzed the product offerings, distribution channels and presence of all major manufacturers across the globe.

TechSci Research calculated India UAV Drones Market size using a top-down approach, where data for various applications across various end-user segments was recorded and forecast for the future years. TechSci Research sourced these values from the industry experts and company representatives and externally validated them by analyzing historical data of these product types and applications for getting an appropriate, overall market size. Various secondary sources such as company websites, news articles, press releases, company annual reports, investor presentations and financial reports were also studied by TechSci Research.

Key Target Audience:

Drones technology solution providers

Digital and physical security providing bodies and companies

End users of UAV Drones market such as Defense, Entertainment, commercial, entertainment, agriculture, and others (photography, videography, blogging etc.)

Associations, organizations, forums, and alliances associated with UAV Drones based technology platforms and start-ups

Government bodies such as regulating authorities and policy makers.

Research & development organizations and consulting firms

The study is useful in providing answers to several critical questions that are important for the industry stakeholders such as manufacturers, suppliers, and end users. The study would also help them in identifying which market segments should be targeted over the coming years to strategize investments and capitalize on growth of the market.

Report Scope:

In this report, India UAV Drones Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Market, By Type:

Fixed Wing

HALE

MALE

UCAV

Others

Market, By End User:

Defense

Entertainment

Agriculture

Commercial

Industrial

Others

Market, By Region:

North

West

South

East

Market, By Payload:

0-25 kg

25.1-100kg

100.1-500kg

500 kg or above

Market, By Equipment:

Sensors

Camera

Market, By Component:

Hardware

Software

Accessories

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in India UAV Drones market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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