

India Drone Market by Platform (Civil and Commercial, Defense), Point of Sale (OEM, Aftermarket), Application (Military, Commercial, Government and Law Enforcement, Consumer), Systems and Industry - Forecast to 2029

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Abstracts

The market valuation for drones in India is expected to rise from USD 654 million in 2024 to USD 1,437 million by 2029, with a compound annual growth rate (CAGR) of 17.0% over the forecast period. The number of drone units in the Indian market is forecasted to increase significantly, from 10,803 units in 2024 to 61,393 units by 2029. This rapid expansion is fueled by a growing need for drones in various sectors such as agriculture, defense, and e-commerce. Government support and initiatives like the Drone Shakti scheme are also playing a crucial role in advancing the industry.

“The platform segment is anticipated to dominate the market share during the forecast period”

This segment, which focuses on integrating critical drone components like the airframe, propulsion systems, avionics, and software, is expected to lead the market. There's growing demand for drones across various sectors including agriculture, defense, entertainment, and delivery services, which is likely to spur further investments in drone development and procurement, thereby significantly influencing the market growth for system platforms.

The logistics and transportation segment is projected to grow at the highest rate according to industry type.

The logistics and transportation segment is expected to experience the fastest growth

rate among all sectors during the forecast period. This growth is mainly driven by the booming e-commerce sector, substantial investments in infrastructure development, and policy reforms aimed at improving trade facilitation. Additionally, the increasing urbanization and the necessity for efficient supply chain solutions to serve a broad and diverse market are set to boost this growth, positioning India as a crucial player in the global logistics and transportation arena.'

“The OEM segment is anticipated to capture the largest market share by point of sale throughout the forecast period.”

The leadership of the Original Equipment Manufacturer (OEM) sector in India's drone market is attributed to strong government backing for local production, high demand from both the military and commercial sectors, and advancements in homegrown drone technologies. The cost-effectiveness of drones manufactured in India, combined with their potential for export, further strengthens the OEM segment's dominant position in the market.

The break-up of the profile of primary participants in the India Drone market:

By Company Type: Tier 1 – 35%, Tier 2 – 45%, and Tier 3 – 20%

By Designation: C Level – 35%, Director Level – 25%, Others-40%

Major Service providers in this market are India-based drone manufacturing companies, such as Paras Aerospace (India), ideaforge Technology Ltd. (India), Throttle Aerospace Systems Pvt. Ltd. (India), Garuda Aerospace (India), Asteria Aerospace Limited (India), General Aeronautics (India), and Newspace Research Technologies Pvt. Ltd. (India), Iotechworld (India), Adani Defense and Aerospace (India), Tata Advanced Systems Limited (India), Thanos (India), Dhaksha Unmanned Systems (India), Marut Dronetech Private Limited (India), Hubblefly Technologies (India), Raphe (India) like more than 25 companies have been analyzed based on different parameters, including product portfolios, recent developments, business strategies, and organic and inorganic growth, among others.

Research Coverage:

This research report categorizes the India Drone Market by Platform (Civil and commercial, and defense), By point of sale (OEM and Aftermarket), By Application

(Military, commercial, Government, and Consumer), and By Industry (Defense and Security, Agriculture, Logistics and Transportation, Energy and Power, Construction and Mining, Media and Entertainment, Insurance, Wildlife and Forestry, and Academics and Research) and by systems (Platform, Payloads, Datalink, Ground Control Stations, Drone Launch and Recovery Systems).

The scope of the report covers detailed information regarding the major factors, such as drivers, restraints, challenges, and opportunities, influencing the growth of the India drone market. A detailed analysis of the key industry players has been done to provide insights into their business overview, Products, solutions, services, key strategies, Contracts, partnerships, and agreements. New product and service launches, mergers and acquisitions, and recent developments associated with the drone market. This report covers the competitive analysis of Existing and upcoming startups in the India drone market ecosystem.

Reasons to buy this report:

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall Military Vehicle Sustainment Service market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers (Favorable regulatory frameworks and government initiatives, Growing emphasis on precision farming, Surging demand for surveillance and border security drones, Increasing adoption of drones for commercial applications) restraints (High dependence on foreign suppliers, Data privacy, and security concerns) opportunities (Rising use of drones in logistics industry, Real-time traffic monitoring and management) challenges (Limited payload capacity, Complex integration of advanced technologies in drones) influencing the growth of the India Drone market.

Product Development/Innovation: Detailed insights on upcoming technologies, research and development activities, and new product and service launches in the India drone market

Market Development: Comprehensive information about lucrative markets – the report analyses the India drone market across varied regions

Market Diversification: Exhaustive information about new products and services, untapped geographies, recent developments, and investments in the India drone market

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players in the India drone market

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*Details on Business overview, Products/Solutions/Services offered, Recent Developments, MnM view, Key strengths, Strategic choices, Weaknesses and competitive threats might not be captured in case of unlisted companies.

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