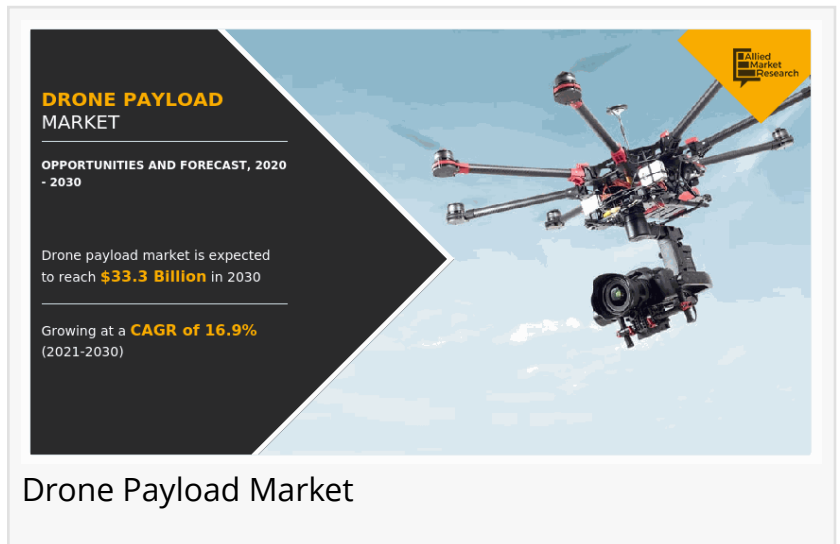


Drone Payload Market to Surge USD 33.3 billion by 2030, Size, Share, Emerging Trends, Key Growth Drivers

By application, the construction and archaeology segment is expected to register significant growth during the forecast period.

WILMINGTON, NEW CASTLE, DELAWARE, UNITED STATES, March 27, 2024 /EINPresswire.com/ -- [□□□□□□](#)

[□□□□□□□□ □□□□□□□□](#) by Application (Defense, Agriculture and environment, Media and entertainment, Energy, Government, Construction and archaeology, others), by Type (Cameras and sensors, Radar and communication, Weaponry): Global Opportunity Analysis and Industry Forecast, 2020-2030". As per the report, the global drone payload industry accounted for \$7.2 billion in 2020, and is expected to reach \$33.3 billion by 2030, growing at a CAGR of 16.9% from 2021 to 2030.



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Increase in demand for improved surveillance and surge in demand for location-based services drive the growth of the global drone payload market

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Allied Market Research

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<https://www.alliedmarketresearch.com/request-sample/1758>

North America dominates the market, in terms of revenue, followed by Europe, Asia-Pacific, and LAMEA. The U.S. dominated the drone payload market share in North America in 2020, owing to increase in R&D activities, technological developments by key players, and rapid adoption of innovative technologies in making advanced drone payload systems. Asia-Pacific is expected to grow at a significant rate during the forecast period, owing to rise

in adoption of drone payload services across several Asian nations, for instance, China, India, Japan, and South Korea.

Major determinants of the market growth

Increase in demand for improved surveillance and surge in demand for location-based services drive the [growth of the global drone payload market](#). However, privacy and security concerns hinder the market growth. On the contrary, advancements in drone payload technologies would unlock new opportunities in the future.

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The key players that operate in the drone payload market include AeroVironment Inc., Autel Robotics, DJI Technology, Draganfly Inc., Elbit Systems Ltd., Israel Aerospace Industries Ltd. (IAI), IMSAR LLC, Northrop Grumman Corporation, Parrot SA, and Teledyne FLIR LLC.

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The drone payload market has witnessed significant growth in recent years, owing to the development of advanced drone payload systems by key market players. For instance, in April 2022, Teledyne FLIR LLC launched the Boson plus longwave infrared thermal camera module with industry-leading sensitivity of 20 millikelvin (MK) or less for unmanned platforms, security applications, handhelds, wearables, and thermal sights. Also, in January 2022, Teledyne FLIR LLC developed five boson radiometric camera models and enhanced developer graphical user interface software.

Moreover, factors such as the promising growth rate of the drone market, increase in market for location-based services, and rise in demand for improved surveillance are expected to drive the growth of the drone payload market. However, factors such as privacy and security concerns create a barrier to the market growth. On the contrary, increase in defense expenditure by governments of major economies is expected to create ample opportunities for the growth of the market across the globe.

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By region, the market across North America held the largest share in 2020, accounting for nearly half of the market, owing to rise in [demand for drone payload](#) for its use in airborne operations. However, the global drone payload market across Asia-Pacific is expected to showcase the highest CAGR of 20.7% during the forecast period, due to high demand for different drone payload technologies for land-based defense operations.

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<https://www.alliedmarketresearch.com/purchase-enquiry/1758>

By type, the drone payload market is segregated into cameras & sensors, radar & communication, and weaponry segments. The cameras & sensors segment accounted for the highest revenue in 2020, owing to a huge demand for drone cameras and sensors for a wide range of applications.

By application, the construction and archaeology segment is expected to register significant growth during the forecast period.

By type, the weaponry segment is anticipated to exhibit significant growth in the future.

Region-wise, Asia-Pacific is anticipated to register the highest CAGR during the forecast period.

Region-wise, Asia-Pacific is anticipated to register the highest CAGR during the forecast period.

By application, the construction and archaeology segment is expected to register significant growth during the forecast period.

Satellite Payload Market - <https://www.globenewswire.com/en/news-release/2023/10/23/2764395/0/en/Satellite-Payload-Market-to-Generate-17-6-Billion-by-2030-with-8-3-CAGR-states-Allied-Market-Research.html>

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Small Drones Market - <https://www.globenewswire.com/en/news-release/2023/10/26/2767632/0/en/Small-Drones-Market-Size-to-Generate-an-Estimate-of-24-29-Billion-in-2030-at-a-Compound-Annual-Growth-Rate-CAGR-of-13-16-Allied-Market-Research.html#:~:text=Billion%20in...-Small%20Drones%20Market%20Size%20to%20Generate%20an%20Estimate%20of%20%2424.29,13.16%25%3A%20Allied%20Market%20Research>

Drone Training and Education Services Market - <https://www.prnewswire.com/news-releases/drone-training-and-education-services-market-to-reach-18-04-billion-globally-by-2032-at-34-9-cagr-allied-market-research-301991735.html>

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