

Tethered Drone Market Reach USD 404.9 Million by 2031, Factors Leading Industry Worldwide

The advanced tethered drone sustains more than eight hours of ultra-long resolution with robust performance.

WILMINGTON, NEW CASTLE, DELAWARE, UNITED STATES, June 10, 2024 /EINPresswire.com/ -- [□□□□□□□□](#) [□□□□□□](#) are a form of unmanned aerial drones that are connected to a specific base station located on the ground through a wire (tether) that is used for the operation of drone. With the help of tethers used for controlling the

drone, unlimited flight time is provided to the drones, thus increasing their operational efficiency. Technological developments in tethered UAVs have opened up new possibilities for border patrols, live streaming events, temporary communication towers, low-altitude satellite surveillance and much more. Numerous developments are being carried out by the key

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The global tethered drone market size is experiencing growth due to factors such as safety concerns, heightened demand for enhanced surveillance owing to the increasing threat of terrorism”

Allied Market Research



The image shows a market research report cover for 'TETHERED DRONE MARKET'. It features a white drone in the center. Text on the cover includes: 'TETHERED DRONE MARKET', 'OPPORTUNITIES AND FORECAST, 2021 - 2031', 'Tethered drone market is expected to reach \$404.9 MILLION by 2031', and 'Growing at a CAGR OF 4.9% (2022-2031)'. The Allied Market Research logo is in the top left, and the report code 'A31560' and website 'www.alliedmarketresearch.com' are at the bottom.

Tethered Drone Market

manufacturers, which offers unlimited flight time and reliability, with the flexibility to detach the tether for range when needed. This creates an immense traction on the growth of the market across the globe.

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The global tethered drone market size was valued at \$257.3 million in 2021, and is projected to reach \$404.9 million by 2031, growing at a CAGR of 4.9% from 2022 to

2031.

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COMSOVEREIGN, SKY-DRONES TECHNOLOGIES LTD, Novadem, ACECORE TECHNOLOGIES, Fotokite, Hoverfly Technologies, YUNEEC HOLDING LTD., ELISTAIR INC, TELEDYNE FLIR LLC

The advanced tethered drone sustains more than eight hours of ultra-long resolution with robust performance. Made of carbon-fiber, it features high ruggedness, compact folding arms, and electric landing gears, and empowering users to overcome any challenge, safely and efficiently. Equipped with advanced transmission system (ATS), the drones have a tether extendable up to 70 meters, allowing for more possibilities for those who [demand tethered drones](#) with persistent operation and endurance to perform tasks.

For more information, visit: <https://www.alliedmarketresearch.com/checkout-final/ff7ca044e30606a29a3a40a144ff0cc5>

Moreover, the market has been supported by numerous drivers such as faster adoption of tethered drone in commercial sector, increased global defense expenditure and rise in demand for improved surveillance. However, the factors such as increase in competition with aerial imagery and privacy & security concerns hinders the growth of the market across the globe. Moreover, the factors such as diversifying the connectivity of tethered drones and betterment in drone technologies creates numerous opportunities for the growth of the market during the forecast period.

On the basis of solution, the tethered drone segment held the highest market share in 2021, accounting for more than two-thirds of the global tethered drone market and is estimated to lead the trail from 2022 to 2031. The robust demand for autonomous surveillance system and security has enforced defense organizations to adopt tethered drones for improving their defense capabilities. On the other hand, the tethered stations segment is anticipated to display the highest growth with 5.8% CAGR throughout the forecast timeframe. The segment is driven by manufacturers of tethered stations who are introducing new solutions for end users to improve the surveillance and security of a nation.

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By end use, the commercial segment garnered the largest market share of more than three-fifths of the total market share in 2021 and is anticipated to grab the lion's share throughout the forecast timeframe. The same segment would cite the highest growth with 4.9% during the forecast period. The growth is attributed to the fact that [tethered drones size](#) find wide applications in supporting the management at construction projects, precision agriculture and farming, detecting methane from landfills and gas pipeline infrastructure, and several other commercial applications.

For more information, visit:

The regional analysis in the report states that the market across North America was largest in 2021, accounting for nearly one-third of the overall market revenue and is expected to rule the roost throughout the forecast timeframe. The same region is estimated to showcase the fastest CAGR of 6.0% from 2022 to 2031.

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