

# LiDAR Drone Market 2025 : Is Thriving Worldwide Expected to Witness Significant Growth Between 2021-2031

The lidar drone market was valued at \$0.15 billion in 2021, and is estimated to reach \$1 billion by 2031, growing at a CAGR of 22.1% from 2022 to 2031.

WILMINGTON, DE, UNITED STATES, March 18, 2025 /EINPresswire.com/ -- According to the report



By drone type, the fixed wing segment is projected to dominate the global LiDAR drone market in terms of growth rate.

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*Allied Market Research*

published by Allied Market Research, the global [LiDAR drone market](#) garnered \$0.15 billion in 2021, and is estimated to generate \$1.0 billion by 2031, manifesting a CAGR of 22.1% from 2022 to 2031. The report provides an extensive analysis of changing market dynamics, major segments, value chain, competitive scenario, and regional landscape. This research offers a valuable guidance to leading players, investors, shareholders, and startups in devising strategies for the sustainable growth and gaining competitive edge in the market.

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The research provides detailed segmentation of the global [LiDAR drone](#) market based on LiDAR type, drone type, drone range, application, and region. The report discusses segments and their sub-segments in detail with the help of tables and figures. Market players and investors can strategize according to the highest revenue-generating and fastest-growing segments mentioned in the report.

Based on drone type, the rotary wing segment held the highest share in 2021, accounting for around three-fifths of the global LiDAR drone market, and is expected to continue its leadership status during the forecast period. However, the fixed wing segment is expected to register the highest CAGR of 23.9% from 2022 to 2031.

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Based on drone range, the short segment accounted for the highest share in 2021, contributing to nearly three-fifths of the global LiDAR drone market, and is expected to maintain its lead in terms of revenue during the forecast period. However, the long segment is expected to manifest the highest CAGR of 25.9% from 2022 to 2031.

Based on application, the environment segment accounted for the highest share in 2021, holding around two-fifths of the global LiDAR drone market, and is expected to continue its leadership status during the forecast period. However, the others segment is estimated to grow at the highest CAGR of 25.8% during the forecast period.

Based on region, North America held the largest share in 2021, contributing to more than two-fifths of the global LiDAR drone market share, and is projected to maintain its dominant share in terms of revenue in 2031. In addition, the LAMEA region is expected to manifest the fastest CAGR of 25.5% during the forecast period.

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Leading market players of the global LiDAR drone market analyzed in the research include Leica Geosystems AG  
Microdrones  
OnyxScan  
Phoenix LiDAR Systems  
PolyExplore Inc.  
RIEGL Laser Measurement Systems GmbH  
Teledyne Geospatial  
Topodrone  
UMS Skeldar  
Yellowscan

Key findings of the report:

- > Mergers and acquisitions should be well-planned by identifying the best manufacturer.
- > Sort new clients or possible partners into the demographic you're looking for.
- > Suitable for providing dependable and high-quality data and analysis to assist your internal and external presentations.
- > Develop tactical initiatives by gaining a better grasp of the areas in which huge corporations can intervene.
- > To increase and grow business potential and reach, develop and plan licensing strategies by finding possible partners with the most appealing projects.

> Recognize newcomers with potentially strong product portfolios and devise effective counter-strategies to acquire a competitive edge.

> To develop effective R&D strategies, gather information, analysis, and strategic insight from competitors.

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