

Aerial Imaging Market Size, Share & Trends Analysis Report By Platform, By Application (Geospatial Mapping, Disaster Management, Energy and Resource Management, Surveillance and Monitoring, Urban Planning), By End Use And Segment Forecasts, 2025 - 2030

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Abstracts

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Aerial Imaging Market Growth & Trends

The global aerial imaging market size is expected to reach USD 8.24 billion by 2030 and is expected to grow at a CAGR of 16.3% from 2025 to 2030. Growing demand in emerging application areas including natural resources management, energy, and disaster prevention is expected to drive the market over the next six years. Increased need for geospatial information and imagery data is also expected to fuel demand over the forecast period.

Adoption of location-based services (LBS) for navigation, remote monitoring, navigation, and mobile advertising is expected to give impetus to the aerial imaging market. Adverse weather conditions and related environmental factors may prevent accurate imaging data collection. Security and privacy concerns among users are also expected to hamper market growth over the next six years.

Aerial Imaging Market Report Highlights

The UAV segment dominated the market in 2024, accounting for a revenue share of 48.3%.

The geospatial mapping segment held the largest revenue share of the market

in 2024

The surveillance and monitoring segment is expected to grow at the highest CAGR during the forecast period

The government segment held the largest revenue share of the market in 2024

The Asia Pacific aerial imaging market dominated the global market with a revenue share of 35.9% in 2024

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