

# Hyperspectral Imaging Market Report: Trends, Forecast and Competitive Analysis to 2030

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## Abstracts

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### Hyperspectral Imaging Trends and Forecast

The future of the global hyperspectral imaging market looks promising with opportunities in the military surveillance, remote sensing, life sciences & medical diagnostic, and machine vision & optical sorting markets. The global hyperspectral imaging market is expected to reach an estimated \$2.7 billion by 2030 with a CAGR of 16.7% from 2024 to 2030. The major drivers for this market are growing funding and investments for innovation in hardware and software advancement, rising usage of of hyperspectral imaging in industrial applications, and rising requirement for remote sensing data in defense/homeland security operations and commercial applications.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

### Hyperspectral Imaging by Segment

The study includes a forecast for the global hyperspectral imaging by product, technology, application, and region.

Hyperspectral Imaging Market by Product [Shipment Analysis by Value from 2018 to 2030]:

Camera

## Accessories

Hyperspectral Imaging Market by Technology [Shipment Analysis by Value from 2018 to 2030]:

Pushbroom

Snapshot

Others

Hyperspectral Imaging Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Military Surveillance

Remote Sensing

Life Sciences & Medical Diagnostics

Machine Vision & Optical Sorting

Others

Hyperspectral Imaging Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

## List of Hyperspectral Imaging Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies hyperspectral imaging companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the hyperspectral imaging companies profiled in this report include-

Headwall Photonics

Corning Incorporated

Specim

Spectral Imaging

Resonon

Norsk Elektro Optikk

Telops

Applied Spectral Imaging

Surface Optics Corporation

ChemImage Corporation

## Hyperspectral Imaging Market Insights

Lucintel forecasts that camera is expected to witness highest growth over the forecast period owing to its high-speed and low-cost circuits, advanced manufacturing technologies, and novel signal-processing methods in sensor development.

Within this market, military surveillance will remain the largest segment due to the growing application of hyperspectral cameras in the defense and homeland security for

surveillance and collection of airborne intelligence.

North America will remain the largest region over the forecast period due to growing investments of government in satellite launches and increasing adoption of imaging cameras in defense applications.

## Features of the Global Hyperspectral Imaging Market

**Market Size Estimates:** Hyperspectral imaging market size estimation in terms of value (\$B).

**Trend and Forecast Analysis:** Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

**Segmentation Analysis:** Hyperspectral imaging market size by product, technology, application, and region in terms of value (\$B).

**Regional Analysis:** Hyperspectral imaging market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different products, technologies, applications, and regions for the hyperspectral imaging market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the hyperspectral imaging market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

## FAQ

**Q.1** What is the hyperspectral imaging market size?

**Answer:** The global hyperspectral imaging market is expected to reach an estimated \$2.7 billion by 2030.

**Q.2** What is the growth forecast for hyperspectral imaging market?

**Answer:** The global hyperspectral imaging market is expected to grow with a CAGR of 16.7% from 2024 to 2030.

Q.3 What are the major drivers influencing the growth of the hyperspectral imaging market?

Answer: The major drivers for this market are growing funding and investments for innovation in hardware and software advancement, rising usage of hyperspectral imaging in industrial applications, and rising requirement for remote sensing data in defense/homeland security operations and commercial applications.

Q4. What are the major segments for hyperspectral imaging market?

Answer: The future of the hyperspectral imaging market looks promising with opportunities in the military surveillance, remote sensing, life sciences & medical diagnostic, and machine vision & optical sorting markets.

Q5. Who are the key hyperspectral imaging market companies?

Answer: Some of the key hyperspectral imaging companies are as follows:

Headwall Photonics

Corning Incorporated

Specim

Spectral Imaging

Resonon

Norsk Elektro Optikk

Telops

Applied Spectral Imaging

Surface Optics Corporation

ChemImage Corporation

Q6. Which hyperspectral imaging market segment will be the largest in future?

Answer: Lucintel forecasts that camera is expected to witness highest growth over the forecast period owing to its high-speed and low-cost circuits, advanced manufacturing technologies, and novel signal-processing methods in sensor development.

Q7. In hyperspectral imaging market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region over the forecast period due to growing investments of government in satellite launches and increasing adoption of imaging cameras in defense applications.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the hyperspectral imaging market by product (camera and accessories), technology (pushbroom, snapshot, and others), application (military surveillance, remote sensing, life sciences & medical diagnostics, machine vision & optical sorting, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading

these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Hyperspectral Imaging Market, Hyperspectral Imaging Market Size, Hyperspectral Imaging Market Growth, Hyperspectral Imaging Market Analysis, Hyperspectral Imaging Market Report, Hyperspectral Imaging Market Share, Hyperspectral Imaging Market Trends, Hyperspectral Imaging Market Forecast, Hyperspectral Imaging Companies, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com). We will be glad to get back to you soon.

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