

# Global Hyperspectral and Multispectral Airborne Optoelectronics Market Growth 2022-2028

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### **Abstracts**

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Airborne optoelectronic systems are developing rapidly and have a high degree of technical integration, and are widely used in national defense, air traffic, UAVs and other fields. The principle of scheduled action can be divided into information perception, information transmission and energy transmission. Multispectral imaging technology refers to dozens of frequency bands ranging from visible light to infrared, with spatial resolution ranging from several centimeters to several meters. It has the functions of target search, reconnaissance and surveillance, tracking and guidance, and is suitable for UAVs, helicopters, fixed-wing aircraft and other platforms. A hyperspectral camera, which responds to light reflected by a target rather than radiation emitted by the target, is based on a large focal plane array. It is the core equipment of UAV reconnaissance.

The global market for Hyperspectral and Multispectral Airborne Optoelectronics is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Hyperspectral and Multispectral Airborne Optoelectronics market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Hyperspectral and Multispectral Airborne Optoelectronics market is



expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Hyperspectral and Multispectral Airborne Optoelectronics market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Hyperspectral and Multispectral Airborne Optoelectronics market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Hyperspectral and Multispectral Airborne Optoelectronics players cover Hensoldt, Teledyne FLIR, Lockheed Martin, Thales and Rafael Advanced Defense Systems, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

#### Report Coverage

This latest report provides a deep insight into the global Hyperspectral and Multispectral Airborne Optoelectronics market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Hyperspectral and Multispectral Airborne Optoelectronics market, with both quantitative and qualitative data, to help readers understand how the Hyperspectral and Multispectral Airborne Optoelectronics market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in K Units.

#### Market Segmentation:

The study segments the Hyperspectral and Multispectral Airborne Optoelectronics market and forecasts the market size by Type (Military Use and Commercial Use,), by Application (Fixed Wing, Rotary Wing, Urban Air Mobility and Unmanned Aerial



Vehicles), and region (APAC, Americas, Europe, and Middle East & Africa). Segmentation by type Military Use Commercial Use Segmentation by application Fixed Wing **Rotary Wing Urban Air Mobility Unmanned Aerial Vehicles** Segmentation by region Americas **United States** Canada Mexico Brazil **APAC** China Japan

Korea



	Southeast Asia	
	India	
	Australia	
Europe		
	Germany	
	France	
	UK	
	Italy	
	Russia	
Middle East & Africa		
	Egypt	
	South Africa	
	Israel	
	Turkey	
	GCC Countries	
compan	ies covered	
Hensoldt		
Teledyne FLIR		

Major

Lockheed Martin



**Thales** 

Rafael Advanced Defense Systems		
Northrop Grumman		
BAE Systems		
Leonardo		
Safran		
Israel Aerospace Industries		
Aselsan		
Elcarim Optronic		
AVIC Optoelectronics Institute		
Guide Infrared		
Chapter Introduction		
Chapter 1: Scope of Hyperspectral and Multispectral Airborne Optoelectronics, Research Methodology, etc.		
Chapter 2: Executive Summary, global Hyperspectral and Multispectral Airborne Optoelectronics market size (sales and revenue) and CAGR, Hyperspectral and Multispectral Airborne Optoelectronics market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.		

Chapter 3: Hyperspectral and Multispectral Airborne Optoelectronics sales, revenue,

Chapter 4: Global Hyperspectral and Multispectral Airborne Optoelectronics sales and revenue by region and by country. Country specific data and market value analysis for

average price, global market share, and industry ranking by company, 2017-2022



the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Hyperspectral and Multispectral Airborne Optoelectronics market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Hensoldt, Teledyne FLIR, Lockheed Martin, Thales, Rafael Advanced Defense Systems, Northrop Grumman, BAE Systems, Leonardo and Safran, etc.

Chapter 14: Research Findings and Conclusion



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