

# Hyperspectral Airborne Optoelectronics Market, Global Outlook and Forecast 2022-2028

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## Abstracts

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. The hyperspectral pod is used in the collection and storage of aerial hyperspectral remote sensing data. 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.

This report contains market size and forecasts of Hyperspectral Airborne Optoelectronics in global, including the following market information:

Global Hyperspectral Airborne Optoelectronics Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Hyperspectral Airborne Optoelectronics Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Hyperspectral Airborne Optoelectronics companies in 2021 (%)

The global Hyperspectral Airborne Optoelectronics market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Military Use Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Hyperspectral Airborne Optoelectronics include Teledyne FLIR, Hensoldt, AVIC Optoelectronics Institute, Thales, Northrop Grumman, Elbit Systems, Safran, Elcarim Optronics and Resonon Inc., etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Hyperspectral Airborne Optoelectronics manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Hyperspectral Airborne Optoelectronics Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Hyperspectral Airborne Optoelectronics Market Segment Percentages, by Type, 2021 (%)

Military Use

Commercial Use

Global Hyperspectral Airborne Optoelectronics Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Hyperspectral Airborne Optoelectronics Market Segment Percentages, by Application, 2021 (%)

Fixed Wing

Rotary Wing

Urban Air Mobility

## Unmanned Aerial Vehicles

Global Hyperspectral Airborne Optoelectronics Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Hyperspectral Airborne Optoelectronics Market Segment Percentages, By Region and Country, 2021 (%)

### North America

US

Canada

Mexico

### Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

### Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Hyperspectral Airborne Optoelectronics revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Hyperspectral Airborne Optoelectronics revenues share in global

market, 2021 (%)

Key companies Hyperspectral Airborne Optoelectronics sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Hyperspectral Airborne Optoelectronics sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Teledyne FLIR

Hensoldt

AVIC Optoelectronics Institute

Thales

Northrop Grumman

Elbit Systems

Safran

Elcarim Optronic

Resonon Inc.

Headwall Photonics

Guide Infrared

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