

Global Thermal LWIR Hyperspectral Remote Sensing Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Thermal LWIR Hyperspectral Remote Sensing market size is expected to reach \$ 81 million by 2029, rising at a market growth of 3.3% CAGR during the forecast period (2023-2029).

Thermal hyperspectral imagers provide information that conventional spectral imagers cannot. A broader range of materials can be detected, mapped, and sorted by thermal hyperspectral imagers in the mid-wavelength infrared (MWIR) and/or long-wavelength infrared (LWIR) spectral range than by imaging systems that operate in the visible and near-infrared (VNIR) and short-wavelength infrared (SWIR) spectral regions. Previously commercially available thermal imagers were limited to Fourier Transform and chromotomographic imaging spectrometers, which have considerable limitations, i.e., only stationary targets can be imaged from stationary platforms.

This report covers Thermal long-wavelength infrared (LWIR) hyperspectral imaging cameras (Hyperspectral Cameras, Accessories).

This report studies the global Thermal LWIR Hyperspectral Remote Sensing production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Thermal LWIR Hyperspectral Remote Sensing, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Thermal LWIR Hyperspectral Remote Sensing that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Thermal LWIR Hyperspectral Remote Sensing total production and demand, 2018-2029, (K Units)

Global Thermal LWIR Hyperspectral Remote Sensing total production value, 2018-2029, (USD Million)

Global Thermal LWIR Hyperspectral Remote Sensing production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Thermal LWIR Hyperspectral Remote Sensing consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Thermal LWIR Hyperspectral Remote Sensing domestic production, consumption, key domestic manufacturers and share

Global Thermal LWIR Hyperspectral Remote Sensing production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Thermal LWIR Hyperspectral Remote Sensing production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Thermal LWIR Hyperspectral Remote Sensing production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Thermal LWIR Hyperspectral Remote Sensing market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include SPECIM, Resonon, Headwall, Corning Incorporated, ITRES, Norsk Elektro Optikk, Surface Optics Corp, Telops and Brimrose Corporation, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Thermal LWIR Hyperspectral Remote Sensing market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Thermal LWIR Hyperspectral Remote Sensing Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Thermal LWIR Hyperspectral Remote Sensing Market, Segmentation by Type

Common Type

Airborne Type

Global Thermal LWIR Hyperspectral Remote Sensing Market, Segmentation by Application

Commercial Enterprises

Defense Organizations

Research Institutions

Companies Profiled:

SPECIM

Resonon

Headwall

Corning Incorporated

ITRES

Norsk Elektro Optikk

Surface Optics Corp

Telops

Brimrose Corporation

BaySpec

XIMEA

RIKOLA

CI Systems

Cubert GmbH

Applied Infrared Sensing

Key Questions Answered

1. How big is the global Thermal LWIR Hyperspectral Remote Sensing market?
2. What is the demand of the global Thermal LWIR Hyperspectral Remote Sensing market?
3. What is the year over year growth of the global Thermal LWIR Hyperspectral Remote Sensing market?
4. What is the production and production value of the global Thermal LWIR Hyperspectral Remote Sensing market?
5. Who are the key producers in the global Thermal LWIR Hyperspectral Remote Sensing market?
6. What are the growth factors driving the market demand?

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