

Global Thermopile and Microbolometer Infrared Detector Market Growth 2025-2031

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Abstracts

The global Thermopile and Microbolometer Infrared Detector market size is predicted to grow from US\$ 2864 million in 2025 to US\$ 3220 million in 2031; it is expected to grow at a CAGR of 2.0% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Thermopile Microbolometer Infrared Detector belongs to uncooled thermal detector. It includes 3 types of product:

Microbolometer IR Detector (MIRD) that change in resistance, which mainly use the technology of VOx and a-Si;

Thermopile IR Detector (TIRD) that change in electromotive force;

Pyroelectric IR Detectors (PIRD) that change in dielectric surface charge.

Global Low Molecular Weight Heparin main players are Aspen, Sanofi-aventis, CSBio, Dongying Tiandong Pharmaceutical, Techdow, etc. Top four companies hold a share above 60%. North America is the largest market, with a share about 55%.

LP Information, Inc. (LPI) ' newest research report, the "Thermopile and Microbolometer Infrared Detector Industry Forecast" looks at past sales and reviews total world Thermopile and Microbolometer Infrared Detector sales in 2024, providing a comprehensive analysis by region and market sector of projected Thermopile and

Microbolometer Infrared Detector sales for 2025 through 2031. With Thermopile and Microbolometer Infrared Detector sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Thermopile and Microbolometer Infrared Detector industry.

This Insight Report provides a comprehensive analysis of the global Thermopile and Microbolometer Infrared Detector landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Thermopile and Microbolometer Infrared Detector portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Thermopile and Microbolometer Infrared Detector market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Thermopile and Microbolometer Infrared Detector and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Thermopile and Microbolometer Infrared Detector.

This report presents a comprehensive overview, market shares, and growth opportunities of Thermopile and Microbolometer Infrared Detector market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Microbolometer IR Detector

Thermopile IR Detector

Segmentation by Application:

Military and Defense

Automotive

Smart Home

Medical

Other

This report also splits the market 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

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Excelitas

Orisystech

Heimann

Melexis

Amphemol

TE

Semitec

Hamamatsu Photonic

Nicera

KODENSHI

Winson

Senba Sensing Technology

Sunshine Technologies

San-U

FLIR Systems

Sofradir (ULIS)

Leonardo DRS

BAE Systems

Raytheon

L-3

NEC

SCD

Zhejiang Dali

Yantai Raytron

North GuangWei

Key Questions Addressed in this Report

What is the 10-year outlook for the global Thermopile and Microbolometer Infrared Detector market?

What factors are driving Thermopile and Microbolometer Infrared Detector market

growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Thermopile and Microbolometer Infrared Detector market opportunities vary by end market size?

How does Thermopile and Microbolometer Infrared Detector break out by Type, by Application?

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