

Global Thermopile Infrared Temperature Sensors Market Growth 2023-2029

<https://marketpublishers.com/r/G908A926EECEEN.html>

Date: January 2023

Pages: 102

Price: US\$ 3,660.00 (Single User License)

ID: G908A926EECEEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

Thermopiles are designed to measure temperature from a distance by detecting an object's infrared (IR) energy. The higher the temperature, the more IR energy is emitted. The thermopile sensing element, composed of small thermocouples on a silicon chip, absorb the energy and produce an output signal. A reference sensor is designed into the package as a reference for compensation. Thermopile infrared (IR) non-contact temperature measurement sensors are available with various lens, and filters allowing use in multiple applications, from industrial pyrometers, to climate controls and medical devices.

LPI (LP Information)' newest research report, the "Thermopile Infrared Temperature Sensors Industry Forecast" looks at past sales and reviews total world Thermopile Infrared Temperature Sensors sales in 2022, providing a comprehensive analysis by region and market sector of projected Thermopile Infrared Temperature Sensors sales for 2023 through 2029. With Thermopile Infrared Temperature Sensors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Thermopile Infrared Temperature Sensors industry.

This Insight Report provides a comprehensive analysis of the global Thermopile Infrared Temperature Sensors 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 Infrared Temperature Sensors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Thermopile Infrared Temperature

Sensors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Thermopile Infrared Temperature Sensors 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 Infrared Temperature Sensors.

The global Thermopile Infrared Temperature Sensors market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Thermopile Infrared Temperature Sensors is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Thermopile Infrared Temperature Sensors is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Thermopile Infrared Temperature Sensors is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Thermopile Infrared Temperature Sensors players cover Excelitas, Heimann, Sunshine Technologies, Melexis, Amphenol, TE Connectivity, Orisystech, Semitec and Hamamatsu Photonics, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

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

Market Segmentation:

Segmentation by type

Through Hole Type

SMD Type

Segmentation by application

Medical Devices

IoT Smart Home

Industrial Use

Consumer Electronics

Others

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 analyzing the company's coverage, product portfolio, its market penetration.

Excelitas

Heimann

Sunshine Technologies

Melexis

Amphenol

TE Connectivity

Orisystech

Semitec

Hamamatsu Photonics

Nicera

KODENSHI

Winson

Senba Sensing Technology

San-U

Key Questions Addressed in this Report

What is the 10-year outlook for the global Thermopile Infrared Temperature Sensors market?

What factors are driving Thermopile Infrared Temperature Sensors market growth, globally and by region?

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

How do Thermopile Infrared Temperature Sensors market opportunities vary by end market size?

How does Thermopile Infrared Temperature Sensors break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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