

Thermopile Infrared Sensor Market, Global Outlook and Forecast 2022-2028

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Abstracts

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.

This report contains market size and forecasts of Thermopile Infrared Sensor in global, including the following market information:

Global Thermopile Infrared Sensor Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Thermopile Infrared Sensor Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Thermopile Infrared Sensor companies in 2021 (%)

The global Thermopile Infrared Sensor market was valued at 565.7 million in 2021 and is projected to reach US\$ 954.1 million by 2028, at a CAGR of 7.8% 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.

Through Hole Type Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Thermopile Infrared Sensor include Excelitas, Heimann, Sunshine Technologies, Melexis, Amphemol, TE Connectivity, Orisystech, Semitec and Hamamatsu Photonics, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Thermopile Infrared Sensor 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 Thermopile Infrared Sensor Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Thermopile Infrared Sensor Market Segment Percentages, by Type, 2021 (%)

Through Hole Type

SMD Type

Global Thermopile Infrared Sensor Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Thermopile Infrared Sensor Market Segment Percentages, by Application, 2021 (%)

Medical Devices

IoT Smart Home

Industrial Use

Consumer Electronics

Others

Global Thermopile Infrared Sensor Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (K Units)

Global Thermopile Infrared Sensor 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 Thermopile Infrared Sensor revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Thermopile Infrared Sensor revenues share in global market, 2021 (%)

Key companies Thermopile Infrared Sensor sales in global market, 2017-2022
(Estimated), (K Units)

Key companies Thermopile Infrared Sensor sales share in global market, 2021 (%)

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

Excelitas

Heimann

Sunshine Technologies

Melexis

Amphemol

TE Connectivity

Orisystech

Semitec

Hamamatsu Photonics

Nicera

KODENSHI

Winson

Senba Sensing Technology

San-U

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