

# Global Thermopile Microbolometer Infrared Detector Sales Market Report 2018

<https://marketpublishers.com/r/GBE1EB47517EN.html>

Date: June 2018

Pages: 118

Price: US\$ 4,000.00 (Single User License)

ID: GBE1EB47517EN

## Abstracts

This report studies the global Thermopile Microbolometer Infrared Detector market status and forecast, categorizes the global Thermopile Microbolometer Infrared Detector market size (value & volume) by key players, type, application, and region. This report focuses on the top players in North America, Europe, China, Japan, Southeast Asia India and Other regions (Middle East & Africa, Central & South America).

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.

Flir Systems, Sofradir and DRS are the key players and accounted for 28.88%, 18.95% and 15.41% respectively of the overall Thermopile Microbolometer Infrared Detector market share in 2016. Global giant market mainly distributed in North America, with 54.6% share in 2016. It has unshakable status in this field.

The applications of this market are mainly military and defense, automotive, smart home, medicine and other industry, military and defense and automotive together take a share of 53.6% of global market in 2016.

This market players' key products are Microbolometer IR Detector, MIRD takes a market share of about 90.55% in sales, and 80.8% in revenue in 2016. But the other two types, Thermopile IR Detector and Pyroelectric IR Detector will mark a more large market in the next few years. The Thermopile IR Detector will mark a CAGR of 17.2% from 2016 to 2017, faster than the global market of 14.2%.

For the consumption market, the market are located in developed countries and regions, e.g. North America and Europe, which market share are 44.2% and 29.8% in 2016, about 3/4 in the global market.

The global Thermopile Microbolometer Infrared Detector market is valued at 1900 million US\$ in 2017 and will reach 3900 million US\$ by the end of 2025, growing at a CAGR of 9.4% during 2018-2025.

The major players covered in this report

Excelitas Technologies

Nippon Ceramic

Hamamatsu Photonic

Murata Manufacturing

Flir Systems

Texas Instruments

Sofradir

Infra TEC GmbH

DRS

Zhejiang Dali

IRay Technology

North GuangWei

Geographically, this report studies the key regions, focuses on product sales, value, market share and growth opportunity in these regions, covering

United States

Europe

China

Japan

Southeast Asia

India

We can also provide the customized separate regional or country-level reports, for the following regions:

North America

United States

Canada

Mexico

Asia-Pacific

China

India

Japan

South Korea

Australia

Indonesia

Singapore

Rest of Asia-Pacific

Europe

Germany

France

UK

Italy

Spain

Russia

Rest of Europe

Central & South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Saudi Arabia

Turkey

Rest of Middle East & Africa

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

Microbolometer IR Detector

Thermopile IR Detector

Pyroelectric IR Detector

On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, sales volume, market share and growth rate for each application, including

Military and Defense

Automotive

Smart Home

Medicine

Other

The study objectives of this report are:

To analyze and study the global Thermopile Microbolometer Infrared Detector sales, value, status (2013-2017) and forecast (2018-2025);

To analyze the top players in North America, Europe, China, Japan, Southeast Asia and India, to study the sales, value and market share of top players in these regions.

Focuses on the key Thermopile Microbolometer Infrared Detector players, to study the sales, value, market share and development plans in future.

Focuses on the global key manufacturers, to define, describe and analyze the market competition landscape, SWOT analysis.

To define, describe and forecast the market by type, application and region.

To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints and risks.

To identify significant trends and factors driving or inhibiting the market growth.

To analyze the opportunities in the market for stakeholders by identifying the high growth segments.

To strategically analyze each submarket with respect to individual growth trend and their contribution to the market

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market

To strategically profile the key players and comprehensively analyze their growth strategies.

In this study, the years considered to estimate the market size of Thermopile Microbolometer Infrared Detector are as follows:

History Year: 2013-2017

Base Year: 2017

Estimated Year: 2018

Forecast Year 2018 to 2025

For the data information by region, company, type and application, 2017 is considered as the base year. Whenever data information was unavailable for the base year, the prior year has been considered.

#### Key Stakeholders

Thermopile Microbolometer Infrared Detector Manufacturers

Thermopile Microbolometer Infrared Detector Distributors/Traders/Wholesalers

Thermopile Microbolometer Infrared Detector Subcomponent Manufacturers

Industry Association

Downstream Vendors

Available Customizations

With the given market data, QYResearch offers customizations according to the company's specific needs. The following customization options are available for the

report:

Regional and country-level analysis of the Thermopile Microbolometer Infrared Detector market, by end-use.

Detailed analysis and profiles of additional market players.

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