

Global Microbolometer Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

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

For Microbolometer IR Detector, the market usually calculates it in format, one Pcs in this report means a piece of format.

Detector also can be called sensor, esp. in Europe market, so when the report mentioned IR sensor, it also means IR detector.

According to our (Global Info Research) latest study, the global Microbolometer market size was valued at US\$ 1266 million in 2023 and is forecast to a readjusted size of USD 2745 million by 2030 with a CAGR of 11.8% during review period.

Global Microbolometer key players include FLIR Systems, Sofradir (ULIS), Leonardo DRS, etc. Global top three manufacturers hold a share about 75%.

North America is the largest market, with a share about 50%, followed by Europe and China, both have a share about 30 percent.

In terms of product, Vanadium Oxide (VOx) is the largest segment, with a share about 80%. And in terms of application, the largest application is Aerospace & Defense, followed by Thermography.

This report is a detailed and comprehensive analysis for global Microbolometer market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report

explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

Key Features:

Global Microbolometer market size and forecasts, in consumption value (\$ Million), sales quantity (Pcs), and average selling prices (USD/Piece), 2019-2030

Global Microbolometer market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Pcs), and average selling prices (USD/Piece), 2019-2030

Global Microbolometer market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Pcs), and average selling prices (USD/Piece), 2019-2030

Global Microbolometer market shares of main players, shipments in revenue (\$ Million), sales quantity (Pcs), and ASP (USD/Piece), 2019-2024

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Microbolometer

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Microbolometer market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include FLIR Systems, Sofradir (ULIS), Leonardo DRS, BAE Systems, Raytheon, L-3, NEC, SCD, Zhejiang Dali, Yantai Raytron, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Microbolometer market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Vanadium Oxide (VOx)

Amorphous Silicon (a-Si)

Other

Market segment by Application

Aerospace & Defense

Automotive

Video Surveillance

Thermography

Other

Major players covered

FLIR Systems

Sofradir (ULIS)

Leonardo DRS

BAE Systems

Raytheon

L-3

NEC

SCD

Zhejiang Dali

Yantai Raytron

North GuangWei

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Microbolometer product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Microbolometer, with price, sales quantity, revenue, and global market share of Microbolometer from 2019 to 2024.

Chapter 3, the Microbolometer competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Microbolometer breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2019 to 2024. and Microbolometer market forecast, by regions, by Type, and by Application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Microbolometer.

Chapter 14 and 15, to describe Microbolometer sales channel, distributors, customers, research findings and conclusion.

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