

# Global MEMS Microbolometer Market Research Report 2024, Forecast to 2032

<https://marketpublishers.com/r/G1E157ACAF73EN.html>

Date: October 2024

Pages: 146

Price: US\$ 3,400.00 (Single User License)

ID: G1E157ACAF73EN

## Abstracts

### Report Overview

MEMS Microbolometer is an infrared resistive thermal sensor manufactured based on microelectromechanical system (MEMS) technology. It is built on a silicon signal readout integrated circuit (ROIC) and is based on a thermal sensor prepared by micromachining technology. MEMS microbolometers usually include a microbridge structure, which is composed of multiple layers of materials, including an absorption layer for absorbing infrared radiation, a thermistor layer that converts temperature changes into voltage (or current) changes, and bridge arms and piers that serve as support and electrical connections. MEMS microbolometers have high resolution and high sensitivity, and are widely used in military and civilian fields such as fire rescue, large-area temperature measurement, and drone payloads.

The global MEMS Microbolometer market size was estimated at USD 878 million in 2023 and is projected to reach USD 2454.40 million by 2032, exhibiting a CAGR of 12.10% during the forecast period.

North America MEMS Microbolometer market size was estimated at USD 278.70 million in 2023, at a CAGR of 10.37% during the forecast period of 2024 through 2032.

This report provides a deep insight into the global MEMS Microbolometer market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and

strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global MEMS Microbolometer Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the MEMS Microbolometer market in any manner.

### Global MEMS Microbolometer Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

#### Key Company

Lynred

Raytheon

L3Harris

NEC

SCD

Teledyne FLIR

BAE Systems

Leonardo DRS

Optris

Zhejiang Dali Technology

Raytron Technology

Hangzhou Hikmicro Sensing Technology

Wuhan Guide Infrared

Beijing Fujiy Rui Optoelectronics Technology

IRay Technology

Hangzhou Zilai Measurement and Control Technology

Market Segmentation (by Type)

Pixel Size 17?m

Pixel Size 12?m

Pixel Size 10?m

Others

Market Segmentation (by Application)

Military

Civilian

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-

Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

#### Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the MEMS Microbolometer Market

Overview of the regional outlook of the MEMS Microbolometer Market:

#### Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

## Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the MEMS Microbolometer Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region from the consumer side and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of MEMS Microbolometer, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail,

including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region during the forecast period.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment during the forecast period.

Chapter 13 is the main points and conclusions of the report.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of MEMS Microbolometer
- 1.2 Key Market Segments
  - 1.2.1 MEMS Microbolometer Segment by Type
  - 1.2.2 MEMS Microbolometer Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 MEMS MICROBOLOMETER MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global MEMS Microbolometer Market Size (M USD) Estimates and Forecasts (2019-2032)
  - 2.1.2 Global MEMS Microbolometer Sales Estimates and Forecasts (2019-2032)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 MEMS MICROBOLOMETER MARKET COMPETITIVE LANDSCAPE**

- 3.1 Global MEMS Microbolometer Sales by Manufacturers (2019-2024)
- 3.2 Global MEMS Microbolometer Revenue Market Share by Manufacturers (2019-2024)
- 3.3 MEMS Microbolometer Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global MEMS Microbolometer Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers MEMS Microbolometer Sales Sites, Area Served, Product Type
- 3.6 MEMS Microbolometer Market Competitive Situation and Trends
  - 3.6.1 MEMS Microbolometer Market Concentration Rate
  - 3.6.2 Global 5 and 10 Largest MEMS Microbolometer Players Market Share by Revenue
  - 3.6.3 Mergers & Acquisitions, Expansion

### **4 MEMS MICROBOLOMETER INDUSTRY CHAIN ANALYSIS**

- 4.1 MEMS Microbolometer Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF MEMS MICROBOLOMETER MARKET**

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
  - 5.5.1 New Product Developments
  - 5.5.2 Mergers & Acquisitions
  - 5.5.3 Expansions
  - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

## **6 MEMS MICROBOLOMETER MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global MEMS Microbolometer Sales Market Share by Type (2019-2024)
- 6.3 Global MEMS Microbolometer Market Size Market Share by Type (2019-2024)
- 6.4 Global MEMS Microbolometer Price by Type (2019-2024)

## **7 MEMS MICROBOLOMETER MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global MEMS Microbolometer Market Sales by Application (2019-2024)
- 7.3 Global MEMS Microbolometer Market Size (M USD) by Application (2019-2024)
- 7.4 Global MEMS Microbolometer Sales Growth Rate by Application (2019-2024)

## **8 MEMS MICROBOLOMETER MARKET CONSUMPTION BY REGION**

- 8.1 Global MEMS Microbolometer Sales by Region
  - 8.1.1 Global MEMS Microbolometer Sales by Region
  - 8.1.2 Global MEMS Microbolometer Sales Market Share by Region
- 8.2 North America

- 8.2.1 North America MEMS Microbolometer Sales by Country
  - 8.2.2 U.S.
  - 8.2.3 Canada
  - 8.2.4 Mexico
- 8.3 Europe
  - 8.3.1 Europe MEMS Microbolometer Sales by Country
  - 8.3.2 Germany
  - 8.3.3 France
  - 8.3.4 U.K.
  - 8.3.5 Italy
  - 8.3.6 Russia
- 8.4 Asia Pacific
  - 8.4.1 Asia Pacific MEMS Microbolometer Sales by Region
  - 8.4.2 China
  - 8.4.3 Japan
  - 8.4.4 South Korea
  - 8.4.5 India
  - 8.4.6 Southeast Asia
- 8.5 South America
  - 8.5.1 South America MEMS Microbolometer Sales by Country
  - 8.5.2 Brazil
  - 8.5.3 Argentina
  - 8.5.4 Columbia
- 8.6 Middle East and Africa
  - 8.6.1 Middle East and Africa MEMS Microbolometer Sales by Region
  - 8.6.2 Saudi Arabia
  - 8.6.3 UAE
  - 8.6.4 Egypt
  - 8.6.5 Nigeria
  - 8.6.6 South Africa

## **9 MEMS MICROBOLOMETER MARKET PRODUCTION BY REGION**

- 9.1 Global Production of MEMS Microbolometer by Region (2019-2024)
- 9.2 Global MEMS Microbolometer Revenue Market Share by Region (2019-2024)
- 9.3 Global MEMS Microbolometer Production, Revenue, Price and Gross Margin (2019-2024)
- 9.4 North America MEMS Microbolometer Production
  - 9.4.1 North America MEMS Microbolometer Production Growth Rate (2019-2024)

9.4.2 North America MEMS Microbolometer Production, Revenue, Price and Gross Margin (2019-2024)

9.5 Europe MEMS Microbolometer Production

9.5.1 Europe MEMS Microbolometer Production Growth Rate (2019-2024)

9.5.2 Europe MEMS Microbolometer Production, Revenue, Price and Gross Margin (2019-2024)

9.6 Japan MEMS Microbolometer Production (2019-2024)

9.6.1 Japan MEMS Microbolometer Production Growth Rate (2019-2024)

9.6.2 Japan MEMS Microbolometer Production, Revenue, Price and Gross Margin (2019-2024)

9.7 China MEMS Microbolometer Production (2019-2024)

9.7.1 China MEMS Microbolometer Production Growth Rate (2019-2024)

9.7.2 China MEMS Microbolometer Production, Revenue, Price and Gross Margin (2019-2024)

## **10 KEY COMPANIES PROFILE**

10.1 Lynred

10.1.1 Lynred MEMS Microbolometer Basic Information

10.1.2 Lynred MEMS Microbolometer Product Overview

10.1.3 Lynred MEMS Microbolometer Product Market Performance

10.1.4 Lynred Business Overview

10.1.5 Lynred MEMS Microbolometer SWOT Analysis

10.1.6 Lynred Recent Developments

10.2 Raytheon

10.2.1 Raytheon MEMS Microbolometer Basic Information

10.2.2 Raytheon MEMS Microbolometer Product Overview

10.2.3 Raytheon MEMS Microbolometer Product Market Performance

10.2.4 Raytheon Business Overview

10.2.5 Raytheon MEMS Microbolometer SWOT Analysis

10.2.6 Raytheon Recent Developments

10.3 L3Harris

10.3.1 L3Harris MEMS Microbolometer Basic Information

10.3.2 L3Harris MEMS Microbolometer Product Overview

10.3.3 L3Harris MEMS Microbolometer Product Market Performance

10.3.4 L3Harris MEMS Microbolometer SWOT Analysis

10.3.5 L3Harris Business Overview

10.3.6 L3Harris Recent Developments

10.4 NEC

- 10.4.1 NEC MEMS Microbolometer Basic Information
- 10.4.2 NEC MEMS Microbolometer Product Overview
- 10.4.3 NEC MEMS Microbolometer Product Market Performance
- 10.4.4 NEC Business Overview
- 10.4.5 NEC Recent Developments
- 10.5 SCD
  - 10.5.1 SCD MEMS Microbolometer Basic Information
  - 10.5.2 SCD MEMS Microbolometer Product Overview
  - 10.5.3 SCD MEMS Microbolometer Product Market Performance
  - 10.5.4 SCD Business Overview
  - 10.5.5 SCD Recent Developments
- 10.6 Teledyne FLIR
  - 10.6.1 Teledyne FLIR MEMS Microbolometer Basic Information
  - 10.6.2 Teledyne FLIR MEMS Microbolometer Product Overview
  - 10.6.3 Teledyne FLIR MEMS Microbolometer Product Market Performance
  - 10.6.4 Teledyne FLIR Business Overview
  - 10.6.5 Teledyne FLIR Recent Developments
- 10.7 BAE Systems
  - 10.7.1 BAE Systems MEMS Microbolometer Basic Information
  - 10.7.2 BAE Systems MEMS Microbolometer Product Overview
  - 10.7.3 BAE Systems MEMS Microbolometer Product Market Performance
  - 10.7.4 BAE Systems Business Overview
  - 10.7.5 BAE Systems Recent Developments
- 10.8 Leonardo DRS
  - 10.8.1 Leonardo DRS MEMS Microbolometer Basic Information
  - 10.8.2 Leonardo DRS MEMS Microbolometer Product Overview
  - 10.8.3 Leonardo DRS MEMS Microbolometer Product Market Performance
  - 10.8.4 Leonardo DRS Business Overview
  - 10.8.5 Leonardo DRS Recent Developments
- 10.9 Optris
  - 10.9.1 Optris MEMS Microbolometer Basic Information
  - 10.9.2 Optris MEMS Microbolometer Product Overview
  - 10.9.3 Optris MEMS Microbolometer Product Market Performance
  - 10.9.4 Optris Business Overview
  - 10.9.5 Optris Recent Developments
- 10.10 Zhejiang Dali Technology
  - 10.10.1 Zhejiang Dali Technology MEMS Microbolometer Basic Information
  - 10.10.2 Zhejiang Dali Technology MEMS Microbolometer Product Overview
  - 10.10.3 Zhejiang Dali Technology MEMS Microbolometer Product Market Performance

- 10.10.4 Zhejiang Dali Technology Business Overview
- 10.10.5 Zhejiang Dali Technology Recent Developments
- 10.11 Raytron Technology
  - 10.11.1 Raytron Technology MEMS Microbolometer Basic Information
  - 10.11.2 Raytron Technology MEMS Microbolometer Product Overview
  - 10.11.3 Raytron Technology MEMS Microbolometer Product Market Performance
  - 10.11.4 Raytron Technology Business Overview
  - 10.11.5 Raytron Technology Recent Developments
- 10.12 Hangzhou Hikmicro Sensing Technology
  - 10.12.1 Hangzhou Hikmicro Sensing Technology MEMS Microbolometer Basic Information
  - 10.12.2 Hangzhou Hikmicro Sensing Technology MEMS Microbolometer Product Overview
  - 10.12.3 Hangzhou Hikmicro Sensing Technology MEMS Microbolometer Product Market Performance
  - 10.12.4 Hangzhou Hikmicro Sensing Technology Business Overview
  - 10.12.5 Hangzhou Hikmicro Sensing Technology Recent Developments
- 10.13 Wuhan Guide Infrared
  - 10.13.1 Wuhan Guide Infrared MEMS Microbolometer Basic Information
  - 10.13.2 Wuhan Guide Infrared MEMS Microbolometer Product Overview
  - 10.13.3 Wuhan Guide Infrared MEMS Microbolometer Product Market Performance
  - 10.13.4 Wuhan Guide Infrared Business Overview
  - 10.13.5 Wuhan Guide Infrared Recent Developments
- 10.14 Beijing Fujiy Rui Optoelectronics Technology
  - 10.14.1 Beijing Fujiy Rui Optoelectronics Technology MEMS Microbolometer Basic Information
  - 10.14.2 Beijing Fujiy Rui Optoelectronics Technology MEMS Microbolometer Product Overview
  - 10.14.3 Beijing Fujiy Rui Optoelectronics Technology MEMS Microbolometer Product Market Performance
  - 10.14.4 Beijing Fujiy Rui Optoelectronics Technology Business Overview
  - 10.14.5 Beijing Fujiy Rui Optoelectronics Technology Recent Developments
- 10.15 IRay Technology
  - 10.15.1 IRay Technology MEMS Microbolometer Basic Information
  - 10.15.2 IRay Technology MEMS Microbolometer Product Overview
  - 10.15.3 IRay Technology MEMS Microbolometer Product Market Performance
  - 10.15.4 IRay Technology Business Overview
  - 10.15.5 IRay Technology Recent Developments
- 10.16 Hangzhou Zilai Measurement and Control Technology

10.16.1 Hangzhou Zilai Measurement and Control Technology MEMS Microbolometer  
Basic Information

10.16.2 Hangzhou Zilai Measurement and Control Technology MEMS Microbolometer  
Product Overview

10.16.3 Hangzhou Zilai Measurement and Control Technology MEMS Microbolometer  
Product Market Performance

10.16.4 Hangzhou Zilai Measurement and Control Technology Business Overview

10.16.5 Hangzhou Zilai Measurement and Control Technology Recent Developments

## **11 MEMS MICROBOLOMETER MARKET FORECAST BY REGION**

11.1 Global MEMS Microbolometer Market Size Forecast

11.2 Global MEMS Microbolometer Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe MEMS Microbolometer Market Size Forecast by Country

11.2.3 Asia Pacific MEMS Microbolometer Market Size Forecast by Region

11.2.4 South America MEMS Microbolometer Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Consumption of MEMS Microbolometer by  
Country

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)**

12.1 Global MEMS Microbolometer Market Forecast by Type (2025-2032)

12.1.1 Global Forecasted Sales of MEMS Microbolometer by Type (2025-2032)

12.1.2 Global MEMS Microbolometer Market Size Forecast by Type (2025-2032)

12.1.3 Global Forecasted Price of MEMS Microbolometer by Type (2025-2032)

12.2 Global MEMS Microbolometer Market Forecast by Application (2025-2032)

12.2.1 Global MEMS Microbolometer Sales (K Units) Forecast by Application

12.2.2 Global MEMS Microbolometer Market Size (M USD) Forecast by Application  
(2025-2032)

## **13 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. MEMS Microbolometer Market Size Comparison by Region (M USD)

Table 5. Global MEMS Microbolometer Sales (K Units) by Manufacturers (2019-2024)

Table 6. Global MEMS Microbolometer Sales Market Share by Manufacturers (2019-2024)

Table 7. Global MEMS Microbolometer Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global MEMS Microbolometer Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in MEMS Microbolometer as of 2022)

Table 10. Global Market MEMS Microbolometer Average Price (USD/Unit) of Key Manufacturers (2019-2024)

Table 11. Manufacturers MEMS Microbolometer Sales Sites and Area Served

Table 12. Manufacturers MEMS Microbolometer Product Type

Table 13. Global MEMS Microbolometer Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of MEMS Microbolometer

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. MEMS Microbolometer Market Challenges

Table 22. Global MEMS Microbolometer Sales by Type (K Units)

Table 23. Global MEMS Microbolometer Market Size by Type (M USD)

Table 24. Global MEMS Microbolometer Sales (K Units) by Type (2019-2024)

Table 25. Global MEMS Microbolometer Sales Market Share by Type (2019-2024)

Table 26. Global MEMS Microbolometer Market Size (M USD) by Type (2019-2024)

Table 27. Global MEMS Microbolometer Market Size Share by Type (2019-2024)

Table 28. Global MEMS Microbolometer Price (USD/Unit) by Type (2019-2024)

Table 29. Global MEMS Microbolometer Sales (K Units) by Application

Table 30. Global MEMS Microbolometer Market Size by Application

- Table 31. Global MEMS Microbolometer Sales by Application (2019-2024) & (K Units)
- Table 32. Global MEMS Microbolometer Sales Market Share by Application (2019-2024)
- Table 33. Global MEMS Microbolometer Sales by Application (2019-2024) & (M USD)
- Table 34. Global MEMS Microbolometer Market Share by Application (2019-2024)
- Table 35. Global MEMS Microbolometer Sales Growth Rate by Application (2019-2024)
- Table 36. Global MEMS Microbolometer Sales by Region (2019-2024) & (K Units)
- Table 37. Global MEMS Microbolometer Sales Market Share by Region (2019-2024)
- Table 38. North America MEMS Microbolometer Sales by Country (2019-2024) & (K Units)
- Table 39. Europe MEMS Microbolometer Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific MEMS Microbolometer Sales by Region (2019-2024) & (K Units)
- Table 41. South America MEMS Microbolometer Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa MEMS Microbolometer Sales by Region (2019-2024) & (K Units)
- Table 43. Global MEMS Microbolometer Production (K Units) by Region (2019-2024)
- Table 44. Global MEMS Microbolometer Revenue (US\$ Million) by Region (2019-2024)
- Table 45. Global MEMS Microbolometer Revenue Market Share by Region (2019-2024)
- Table 46. Global MEMS Microbolometer Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 47. North America MEMS Microbolometer Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 48. Europe MEMS Microbolometer Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 49. Japan MEMS Microbolometer Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 50. China MEMS Microbolometer Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 51. Lynred MEMS Microbolometer Basic Information
- Table 52. Lynred MEMS Microbolometer Product Overview
- Table 53. Lynred MEMS Microbolometer Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 54. Lynred Business Overview
- Table 55. Lynred MEMS Microbolometer SWOT Analysis
- Table 56. Lynred Recent Developments
- Table 57. Raytheon MEMS Microbolometer Basic Information
- Table 58. Raytheon MEMS Microbolometer Product Overview
- Table 59. Raytheon MEMS Microbolometer Sales (K Units), Revenue (M USD), Price

(USD/Unit) and Gross Margin (2019-2024)

Table 60. Raytheon Business Overview

Table 61. Raytheon MEMS Microbolometer SWOT Analysis

Table 62. Raytheon Recent Developments

Table 63. L3Harris MEMS Microbolometer Basic Information

Table 64. L3Harris MEMS Microbolometer Product Overview

Table 65. L3Harris MEMS Microbolometer Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 66. L3Harris MEMS Microbolometer SWOT Analysis

Table 67. L3Harris Business Overview

Table 68. L3Harris Recent Developments

Table 69. NEC MEMS Microbolometer Basic Information

Table 70. NEC MEMS Microbolometer Product Overview

Table 71. NEC MEMS Microbolometer Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 72. NEC Business Overview

Table 73. NEC Recent Developments

Table 74. SCD MEMS Microbolometer Basic Information

Table 75. SCD MEMS Microbolometer Product Overview

Table 76. SCD MEMS Microbolometer Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 77. SCD Business Overview

Table 78. SCD Recent Developments

Table 79. Teledyne FLIR MEMS Microbolometer Basic Information

Table 80. Teledyne FLIR MEMS Microbolometer Product Overview

Table 81. Teledyne FLIR MEMS Microbolometer Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 82. Teledyne FLIR Business Overview

Table 83. Teledyne FLIR Recent Developments

Table 84. BAE Systems MEMS Microbolometer Basic Information

Table 85. BAE Systems MEMS Microbolometer Product Overview

Table 86. BAE Systems MEMS Microbolometer Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 87. BAE Systems Business Overview

Table 88. BAE Systems Recent Developments

Table 89. Leonardo DRS MEMS Microbolometer Basic Information

Table 90. Leonardo DRS MEMS Microbolometer Product Overview

Table 91. Leonardo DRS MEMS Microbolometer Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

- Table 92. Leonardo DRS Business Overview
- Table 93. Leonardo DRS Recent Developments
- Table 94. Optris MEMS Microbolometer Basic Information
- Table 95. Optris MEMS Microbolometer Product Overview
- Table 96. Optris MEMS Microbolometer Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 97. Optris Business Overview
- Table 98. Optris Recent Developments
- Table 99. Zhejiang Dali Technology MEMS Microbolometer Basic Information
- Table 100. Zhejiang Dali Technology MEMS Microbolometer Product Overview
- Table 101. Zhejiang Dali Technology MEMS Microbolometer Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 102. Zhejiang Dali Technology Business Overview
- Table 103. Zhejiang Dali Technology Recent Developments
- Table 104. Raytron Technology MEMS Microbolometer Basic Information
- Table 105. Raytron Technology MEMS Microbolometer Product Overview
- Table 106. Raytron Technology MEMS Microbolometer Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 107. Raytron Technology Business Overview
- Table 108. Raytron Technology Recent Developments
- Table 109. Hangzhou Hikmicro Sensing Technology MEMS Microbolometer Basic Information
- Table 110. Hangzhou Hikmicro Sensing Technology MEMS Microbolometer Product Overview
- Table 111. Hangzhou Hikmicro Sensing Technology MEMS Microbolometer Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 112. Hangzhou Hikmicro Sensing Technology Business Overview
- Table 113. Hangzhou Hikmicro Sensing Technology Recent Developments
- Table 114. Wuhan Guide Infrared MEMS Microbolometer Basic Information
- Table 115. Wuhan Guide Infrared MEMS Microbolometer Product Overview
- Table 116. Wuhan Guide Infrared MEMS Microbolometer Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 117. Wuhan Guide Infrared Business Overview
- Table 118. Wuhan Guide Infrared Recent Developments
- Table 119. Beijing Fujiy Rui Optoelectronics Technology MEMS Microbolometer Basic Information
- Table 120. Beijing Fujiy Rui Optoelectronics Technology MEMS Microbolometer Product Overview
- Table 121. Beijing Fujiy Rui Optoelectronics Technology MEMS Microbolometer Sales

- (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 122. Beijing Fujiy Rui Optoelectronics Technology Business Overview
- Table 123. Beijing Fujiy Rui Optoelectronics Technology Recent Developments
- Table 124. IRay Technology MEMS Microbolometer Basic Information
- Table 125. IRay Technology MEMS Microbolometer Product Overview
- Table 126. IRay Technology MEMS Microbolometer Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 127. IRay Technology Business Overview
- Table 128. IRay Technology Recent Developments
- Table 129. Hangzhou Zilai Measurement and Control Technology MEMS Microbolometer Basic Information
- Table 130. Hangzhou Zilai Measurement and Control Technology MEMS Microbolometer Product Overview
- Table 131. Hangzhou Zilai Measurement and Control Technology MEMS Microbolometer Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 132. Hangzhou Zilai Measurement and Control Technology Business Overview
- Table 133. Hangzhou Zilai Measurement and Control Technology Recent Developments
- Table 134. Global MEMS Microbolometer Sales Forecast by Region (2025-2032) & (K Units)
- Table 135. Global MEMS Microbolometer Market Size Forecast by Region (2025-2032) & (M USD)
- Table 136. North America MEMS Microbolometer Sales Forecast by Country (2025-2032) & (K Units)
- Table 137. North America MEMS Microbolometer Market Size Forecast by Country (2025-2032) & (M USD)
- Table 138. Europe MEMS Microbolometer Sales Forecast by Country (2025-2032) & (K Units)
- Table 139. Europe MEMS Microbolometer Market Size Forecast by Country (2025-2032) & (M USD)
- Table 140. Asia Pacific MEMS Microbolometer Sales Forecast by Region (2025-2032) & (K Units)
- Table 141. Asia Pacific MEMS Microbolometer Market Size Forecast by Region (2025-2032) & (M USD)
- Table 142. South America MEMS Microbolometer Sales Forecast by Country (2025-2032) & (K Units)
- Table 143. South America MEMS Microbolometer Market Size Forecast by Country (2025-2032) & (M USD)

Table 144. Middle East and Africa MEMS Microbolometer Consumption Forecast by Country (2025-2032) & (Units)

Table 145. Middle East and Africa MEMS Microbolometer Market Size Forecast by Country (2025-2032) & (M USD)

Table 146. Global MEMS Microbolometer Sales Forecast by Type (2025-2032) & (K Units)

Table 147. Global MEMS Microbolometer Market Size Forecast by Type (2025-2032) & (M USD)

Table 148. Global MEMS Microbolometer Price Forecast by Type (2025-2032) & (USD/Unit)

Table 149. Global MEMS Microbolometer Sales (K Units) Forecast by Application (2025-2032)

Table 150. Global MEMS Microbolometer Market Size Forecast by Application (2025-2032) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of MEMS Microbolometer
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global MEMS Microbolometer Market Size (M USD), 2019-2032
- Figure 5. Global MEMS Microbolometer Market Size (M USD) (2019-2032)
- Figure 6. Global MEMS Microbolometer Sales (K Units) & (2019-2032)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. MEMS Microbolometer Market Size by Country (M USD)
- Figure 11. MEMS Microbolometer Sales Share by Manufacturers in 2023
- Figure 12. Global MEMS Microbolometer Revenue Share by Manufacturers in 2023
- Figure 13. MEMS Microbolometer Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market MEMS Microbolometer Average Price (USD/Unit) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by MEMS Microbolometer Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global MEMS Microbolometer Market Share by Type
- Figure 18. Sales Market Share of MEMS Microbolometer by Type (2019-2024)
- Figure 19. Sales Market Share of MEMS Microbolometer by Type in 2023
- Figure 20. Market Size Share of MEMS Microbolometer by Type (2019-2024)
- Figure 21. Market Size Market Share of MEMS Microbolometer by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global MEMS Microbolometer Market Share by Application
- Figure 24. Global MEMS Microbolometer Sales Market Share by Application (2019-2024)
- Figure 25. Global MEMS Microbolometer Sales Market Share by Application in 2023
- Figure 26. Global MEMS Microbolometer Market Share by Application (2019-2024)
- Figure 27. Global MEMS Microbolometer Market Share by Application in 2023
- Figure 28. Global MEMS Microbolometer Sales Growth Rate by Application (2019-2024)
- Figure 29. Global MEMS Microbolometer Sales Market Share by Region (2019-2024)
- Figure 30. North America MEMS Microbolometer Sales and Growth Rate (2019-2024) &

(K Units)

Figure 31. North America MEMS Microbolometer Sales Market Share by Country in 2023

Figure 32. U.S. MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada MEMS Microbolometer Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico MEMS Microbolometer Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe MEMS Microbolometer Sales Market Share by Country in 2023

Figure 37. Germany MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific MEMS Microbolometer Sales and Growth Rate (K Units)

Figure 43. Asia Pacific MEMS Microbolometer Sales Market Share by Region in 2023

Figure 44. China MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. South America MEMS Microbolometer Sales and Growth Rate (K Units)

Figure 50. South America MEMS Microbolometer Sales Market Share by Country in 2023

Figure 51. Brazil MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa MEMS Microbolometer Sales and Growth Rate (K

Units)

Figure 55. Middle East and Africa MEMS Microbolometer Sales Market Share by Region in 2023

Figure 56. Saudi Arabia MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa MEMS Microbolometer Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global MEMS Microbolometer Production Market Share by Region (2019-2024)

Figure 62. North America MEMS Microbolometer Production (K Units) Growth Rate (2019-2024)

Figure 63. Europe MEMS Microbolometer Production (K Units) Growth Rate (2019-2024)

Figure 64. Japan MEMS Microbolometer Production (K Units) Growth Rate (2019-2024)

Figure 65. China MEMS Microbolometer Production (K Units) Growth Rate (2019-2024)

Figure 66. Global MEMS Microbolometer Sales Forecast by Volume (2019-2032) & (K Units)

Figure 67. Global MEMS Microbolometer Market Size Forecast by Value (2019-2032) & (M USD)

Figure 68. Global MEMS Microbolometer Sales Market Share Forecast by Type (2025-2032)

Figure 69. Global MEMS Microbolometer Market Share Forecast by Type (2025-2032)

Figure 70. Global MEMS Microbolometer Sales Forecast by Application (2025-2032)

Figure 71. Global MEMS Microbolometer Market Share Forecast by Application (2025-2032)

## I would like to order

Product name: Global MEMS Microbolometer Market Research Report 2024, Forecast to 2032

Product link: <https://marketpublishers.com/r/G1E157ACAF73EN.html>

Price: US\$ 3,400.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G1E157ACAF73EN.html>