

# Global Thermal Infrared Detector Market Research Report 2024(Status and Outlook)

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## Abstracts

### Report Overview:

Thermal infrared detectors are used to detect and measure infrared radiation emitted by objects based on their temperature. These detectors are commonly employed in various applications, including thermal imaging, non-contact temperature measurement, and industrial monitoring.

The Global Thermal Infrared Detector Market Size was estimated at USD 615.01 million in 2023 and is projected to reach USD 760.39 million by 2029, exhibiting a CAGR of 3.60% during the forecast period.

This report provides a deep insight into the global Thermal Infrared Detector 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, Porter's five forces 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 Thermal Infrared Detector 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 Thermal Infrared Detector market in any manner.

## Global Thermal Infrared Detector 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

Excelitas

Orisystech

Heimann

Melexis

Amphemol

TE

Semitec

Hamamatsu Photonic

Nicera

KODENSHI

Winson

Senba Sensing Technology

Sunshine Technologies

San-U

Market Segmentation (by Type)

Pyroelectric Infrared Sensor

Thermopile Infrared Sensor

Others

Market Segmentation (by Application)

Medical Devices

IoT Smart Home

Industrial Use

Others

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 Thermal Infrared Detector Market

Overview of the regional outlook of the Thermal Infrared Detector 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 (USD Billion) 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.

Note: this report may need to undergo a final check or review and this could take about 48 hours.

## 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 Thermal Infrared Detector 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 and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 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 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

## Contents

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

1.1 Market Definition and Statistical Scope of Thermal Infrared Detector

1.2 Key Market Segments

1.2.1 Thermal Infrared Detector Segment by Type

1.2.2 Thermal Infrared Detector 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 THERMAL INFRARED DETECTOR MARKET OVERVIEW**

2.1 Global Market Overview

2.1.1 Global Thermal Infrared Detector Market Size (M USD) Estimates and Forecasts (2019-2030)

2.1.2 Global Thermal Infrared Detector Sales Estimates and Forecasts (2019-2030)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

### **3 THERMAL INFRARED DETECTOR MARKET COMPETITIVE LANDSCAPE**

3.1 Global Thermal Infrared Detector Sales by Manufacturers (2019-2024)

3.2 Global Thermal Infrared Detector Revenue Market Share by Manufacturers (2019-2024)

3.3 Thermal Infrared Detector Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Thermal Infrared Detector Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Thermal Infrared Detector Sales Sites, Area Served, Product Type

3.6 Thermal Infrared Detector Market Competitive Situation and Trends

3.6.1 Thermal Infrared Detector Market Concentration Rate

3.6.2 Global 5 and 10 Largest Thermal Infrared Detector Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

## **4 THERMAL INFRARED DETECTOR INDUSTRY CHAIN ANALYSIS**

- 4.1 Thermal Infrared Detector 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 THERMAL INFRARED DETECTOR 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 THERMAL INFRARED DETECTOR MARKET SEGMENTATION BY TYPE**

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

## **7 THERMAL INFRARED DETECTOR MARKET SEGMENTATION BY APPLICATION**

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

## **8 THERMAL INFRARED DETECTOR MARKET SEGMENTATION BY REGION**

- 8.1 Global Thermal Infrared Detector Sales by Region
  - 8.1.1 Global Thermal Infrared Detector Sales by Region



### 8.1.2 Global Thermal Infrared Detector Sales Market Share by Region

## 8.2 North America

### 8.2.1 North America Thermal Infrared Detector Sales by Country

#### 8.2.2 U.S.

#### 8.2.3 Canada

#### 8.2.4 Mexico

## 8.3 Europe

### 8.3.1 Europe Thermal Infrared Detector 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 Thermal Infrared Detector 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 Thermal Infrared Detector 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 Thermal Infrared Detector 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 KEY COMPANIES PROFILE

### 9.1 Excelitas

#### 9.1.1 Excelitas Thermal Infrared Detector Basic Information

#### 9.1.2 Excelitas Thermal Infrared Detector Product Overview

#### 9.1.3 Excelitas Thermal Infrared Detector Product Market Performance

- 9.1.4 Excelitas Business Overview
- 9.1.5 Excelitas Thermal Infrared Detector SWOT Analysis
- 9.1.6 Excelitas Recent Developments
- 9.2 Orisystech
  - 9.2.1 Orisystech Thermal Infrared Detector Basic Information
  - 9.2.2 Orisystech Thermal Infrared Detector Product Overview
  - 9.2.3 Orisystech Thermal Infrared Detector Product Market Performance
  - 9.2.4 Orisystech Business Overview
  - 9.2.5 Orisystech Thermal Infrared Detector SWOT Analysis
  - 9.2.6 Orisystech Recent Developments
- 9.3 Heimann
  - 9.3.1 Heimann Thermal Infrared Detector Basic Information
  - 9.3.2 Heimann Thermal Infrared Detector Product Overview
  - 9.3.3 Heimann Thermal Infrared Detector Product Market Performance
  - 9.3.4 Heimann Thermal Infrared Detector SWOT Analysis
  - 9.3.5 Heimann Business Overview
  - 9.3.6 Heimann Recent Developments
- 9.4 Melexis
  - 9.4.1 Melexis Thermal Infrared Detector Basic Information
  - 9.4.2 Melexis Thermal Infrared Detector Product Overview
  - 9.4.3 Melexis Thermal Infrared Detector Product Market Performance
  - 9.4.4 Melexis Business Overview
  - 9.4.5 Melexis Recent Developments
- 9.5 Amphemol
  - 9.5.1 Amphemol Thermal Infrared Detector Basic Information
  - 9.5.2 Amphemol Thermal Infrared Detector Product Overview
  - 9.5.3 Amphemol Thermal Infrared Detector Product Market Performance
  - 9.5.4 Amphemol Business Overview
  - 9.5.5 Amphemol Recent Developments
- 9.6 TE
  - 9.6.1 TE Thermal Infrared Detector Basic Information
  - 9.6.2 TE Thermal Infrared Detector Product Overview
  - 9.6.3 TE Thermal Infrared Detector Product Market Performance
  - 9.6.4 TE Business Overview
  - 9.6.5 TE Recent Developments
- 9.7 Semitec
  - 9.7.1 Semitec Thermal Infrared Detector Basic Information
  - 9.7.2 Semitec Thermal Infrared Detector Product Overview
  - 9.7.3 Semitec Thermal Infrared Detector Product Market Performance

- 9.7.4 Semitec Business Overview
- 9.7.5 Semitec Recent Developments
- 9.8 Hamamatsu Photonic
  - 9.8.1 Hamamatsu Photonic Thermal Infrared Detector Basic Information
  - 9.8.2 Hamamatsu Photonic Thermal Infrared Detector Product Overview
  - 9.8.3 Hamamatsu Photonic Thermal Infrared Detector Product Market Performance
  - 9.8.4 Hamamatsu Photonic Business Overview
  - 9.8.5 Hamamatsu Photonic Recent Developments
- 9.9 Nicera
  - 9.9.1 Nicera Thermal Infrared Detector Basic Information
  - 9.9.2 Nicera Thermal Infrared Detector Product Overview
  - 9.9.3 Nicera Thermal Infrared Detector Product Market Performance
  - 9.9.4 Nicera Business Overview
  - 9.9.5 Nicera Recent Developments
- 9.10 KODENSHI
  - 9.10.1 KODENSHI Thermal Infrared Detector Basic Information
  - 9.10.2 KODENSHI Thermal Infrared Detector Product Overview
  - 9.10.3 KODENSHI Thermal Infrared Detector Product Market Performance
  - 9.10.4 KODENSHI Business Overview
  - 9.10.5 KODENSHI Recent Developments
- 9.11 Winson
  - 9.11.1 Winson Thermal Infrared Detector Basic Information
  - 9.11.2 Winson Thermal Infrared Detector Product Overview
  - 9.11.3 Winson Thermal Infrared Detector Product Market Performance
  - 9.11.4 Winson Business Overview
  - 9.11.5 Winson Recent Developments
- 9.12 Senba Sensing Technology
  - 9.12.1 Senba Sensing Technology Thermal Infrared Detector Basic Information
  - 9.12.2 Senba Sensing Technology Thermal Infrared Detector Product Overview
  - 9.12.3 Senba Sensing Technology Thermal Infrared Detector Product Market Performance
  - 9.12.4 Senba Sensing Technology Business Overview
  - 9.12.5 Senba Sensing Technology Recent Developments
- 9.13 Sunshine Technologies
  - 9.13.1 Sunshine Technologies Thermal Infrared Detector Basic Information
  - 9.13.2 Sunshine Technologies Thermal Infrared Detector Product Overview
  - 9.13.3 Sunshine Technologies Thermal Infrared Detector Product Market Performance
  - 9.13.4 Sunshine Technologies Business Overview
  - 9.13.5 Sunshine Technologies Recent Developments

## 9.14 San-U

9.14.1 San-U Thermal Infrared Detector Basic Information

9.14.2 San-U Thermal Infrared Detector Product Overview

9.14.3 San-U Thermal Infrared Detector Product Market Performance

9.14.4 San-U Business Overview

9.14.5 San-U Recent Developments

## **10 THERMAL INFRARED DETECTOR MARKET FORECAST BY REGION**

10.1 Global Thermal Infrared Detector Market Size Forecast

10.2 Global Thermal Infrared Detector Market Forecast by Region

10.2.1 North America Market Size Forecast by Country

10.2.2 Europe Thermal Infrared Detector Market Size Forecast by Country

10.2.3 Asia Pacific Thermal Infrared Detector Market Size Forecast by Region

10.2.4 South America Thermal Infrared Detector Market Size Forecast by Country

10.2.5 Middle East and Africa Forecasted Consumption of Thermal Infrared Detector by Country

## **11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)**

11.1 Global Thermal Infrared Detector Market Forecast by Type (2025-2030)

11.1.1 Global Forecasted Sales of Thermal Infrared Detector by Type (2025-2030)

11.1.2 Global Thermal Infrared Detector Market Size Forecast by Type (2025-2030)

11.1.3 Global Forecasted Price of Thermal Infrared Detector by Type (2025-2030)

11.2 Global Thermal Infrared Detector Market Forecast by Application (2025-2030)

11.2.1 Global Thermal Infrared Detector Sales (K Units) Forecast by Application

11.2.2 Global Thermal Infrared Detector Market Size (M USD) Forecast by Application (2025-2030)

## **12 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. Thermal Infrared Detector Market Size Comparison by Region (M USD)
- Table 5. Global Thermal Infrared Detector Sales (K Units) by Manufacturers (2019-2024)
- Table 6. Global Thermal Infrared Detector Sales Market Share by Manufacturers (2019-2024)
- Table 7. Global Thermal Infrared Detector Revenue (M USD) by Manufacturers (2019-2024)
- Table 8. Global Thermal Infrared Detector Revenue Share by Manufacturers (2019-2024)
- Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Thermal Infrared Detector as of 2022)
- Table 10. Global Market Thermal Infrared Detector Average Price (USD/Unit) of Key Manufacturers (2019-2024)
- Table 11. Manufacturers Thermal Infrared Detector Sales Sites and Area Served
- Table 12. Manufacturers Thermal Infrared Detector Product Type
- Table 13. Global Thermal Infrared Detector Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 14. Mergers & Acquisitions, Expansion Plans
- Table 15. Industry Chain Map of Thermal Infrared Detector
- 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. Thermal Infrared Detector Market Challenges
- Table 22. Global Thermal Infrared Detector Sales by Type (K Units)
- Table 23. Global Thermal Infrared Detector Market Size by Type (M USD)
- Table 24. Global Thermal Infrared Detector Sales (K Units) by Type (2019-2024)
- Table 25. Global Thermal Infrared Detector Sales Market Share by Type (2019-2024)
- Table 26. Global Thermal Infrared Detector Market Size (M USD) by Type (2019-2024)
- Table 27. Global Thermal Infrared Detector Market Size Share by Type (2019-2024)
- Table 28. Global Thermal Infrared Detector Price (USD/Unit) by Type (2019-2024)

- Table 29. Global Thermal Infrared Detector Sales (K Units) by Application
- Table 30. Global Thermal Infrared Detector Market Size by Application
- Table 31. Global Thermal Infrared Detector Sales by Application (2019-2024) & (K Units)
- Table 32. Global Thermal Infrared Detector Sales Market Share by Application (2019-2024)
- Table 33. Global Thermal Infrared Detector Sales by Application (2019-2024) & (M USD)
- Table 34. Global Thermal Infrared Detector Market Share by Application (2019-2024)
- Table 35. Global Thermal Infrared Detector Sales Growth Rate by Application (2019-2024)
- Table 36. Global Thermal Infrared Detector Sales by Region (2019-2024) & (K Units)
- Table 37. Global Thermal Infrared Detector Sales Market Share by Region (2019-2024)
- Table 38. North America Thermal Infrared Detector Sales by Country (2019-2024) & (K Units)
- Table 39. Europe Thermal Infrared Detector Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific Thermal Infrared Detector Sales by Region (2019-2024) & (K Units)
- Table 41. South America Thermal Infrared Detector Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa Thermal Infrared Detector Sales by Region (2019-2024) & (K Units)
- Table 43. Excelitas Thermal Infrared Detector Basic Information
- Table 44. Excelitas Thermal Infrared Detector Product Overview
- Table 45. Excelitas Thermal Infrared Detector Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 46. Excelitas Business Overview
- Table 47. Excelitas Thermal Infrared Detector SWOT Analysis
- Table 48. Excelitas Recent Developments
- Table 49. Orisystech Thermal Infrared Detector Basic Information
- Table 50. Orisystech Thermal Infrared Detector Product Overview
- Table 51. Orisystech Thermal Infrared Detector Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 52. Orisystech Business Overview
- Table 53. Orisystech Thermal Infrared Detector SWOT Analysis
- Table 54. Orisystech Recent Developments
- Table 55. Heimann Thermal Infrared Detector Basic Information
- Table 56. Heimann Thermal Infrared Detector Product Overview
- Table 57. Heimann Thermal Infrared Detector Sales (K Units), Revenue (M USD), Price



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

Table 58. Heimann Thermal Infrared Detector SWOT Analysis

Table 59. Heimann Business Overview

Table 60. Heimann Recent Developments

Table 61. Melexis Thermal Infrared Detector Basic Information

Table 62. Melexis Thermal Infrared Detector Product Overview

Table 63. Melexis Thermal Infrared Detector Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 64. Melexis Business Overview

Table 65. Melexis Recent Developments

Table 66. Amphemol Thermal Infrared Detector Basic Information

Table 67. Amphemol Thermal Infrared Detector Product Overview

Table 68. Amphemol Thermal Infrared Detector Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 69. Amphemol Business Overview

Table 70. Amphemol Recent Developments

Table 71. TE Thermal Infrared Detector Basic Information

Table 72. TE Thermal Infrared Detector Product Overview

Table 73. TE Thermal Infrared Detector Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 74. TE Business Overview

Table 75. TE Recent Developments

Table 76. Semitec Thermal Infrared Detector Basic Information

Table 77. Semitec Thermal Infrared Detector Product Overview

Table 78. Semitec Thermal Infrared Detector Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 79. Semitec Business Overview

Table 80. Semitec Recent Developments

Table 81. Hamamatsu Photonic Thermal Infrared Detector Basic Information

Table 82. Hamamatsu Photonic Thermal Infrared Detector Product Overview

Table 83. Hamamatsu Photonic Thermal Infrared Detector Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 84. Hamamatsu Photonic Business Overview

Table 85. Hamamatsu Photonic Recent Developments

Table 86. Nicera Thermal Infrared Detector Basic Information

Table 87. Nicera Thermal Infrared Detector Product Overview

Table 88. Nicera Thermal Infrared Detector Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 89. Nicera Business Overview

- Table 90. Nicera Recent Developments
- Table 91. KODENSHI Thermal Infrared Detector Basic Information
- Table 92. KODENSHI Thermal Infrared Detector Product Overview
- Table 93. KODENSHI Thermal Infrared Detector Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 94. KODENSHI Business Overview
- Table 95. KODENSHI Recent Developments
- Table 96. Winson Thermal Infrared Detector Basic Information
- Table 97. Winson Thermal Infrared Detector Product Overview
- Table 98. Winson Thermal Infrared Detector Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 99. Winson Business Overview
- Table 100. Winson Recent Developments
- Table 101. Senba Sensing Technology Thermal Infrared Detector Basic Information
- Table 102. Senba Sensing Technology Thermal Infrared Detector Product Overview
- Table 103. Senba Sensing Technology Thermal Infrared Detector Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 104. Senba Sensing Technology Business Overview
- Table 105. Senba Sensing Technology Recent Developments
- Table 106. Sunshine Technologies Thermal Infrared Detector Basic Information
- Table 107. Sunshine Technologies Thermal Infrared Detector Product Overview
- Table 108. Sunshine Technologies Thermal Infrared Detector Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 109. Sunshine Technologies Business Overview
- Table 110. Sunshine Technologies Recent Developments
- Table 111. San-U Thermal Infrared Detector Basic Information
- Table 112. San-U Thermal Infrared Detector Product Overview
- Table 113. San-U Thermal Infrared Detector Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 114. San-U Business Overview
- Table 115. San-U Recent Developments
- Table 116. Global Thermal Infrared Detector Sales Forecast by Region (2025-2030) & (K Units)
- Table 117. Global Thermal Infrared Detector Market Size Forecast by Region (2025-2030) & (M USD)
- Table 118. North America Thermal Infrared Detector Sales Forecast by Country (2025-2030) & (K Units)
- Table 119. North America Thermal Infrared Detector Market Size Forecast by Country (2025-2030) & (M USD)



Table 120. Europe Thermal Infrared Detector Sales Forecast by Country (2025-2030) & (K Units)

Table 121. Europe Thermal Infrared Detector Market Size Forecast by Country (2025-2030) & (M USD)

Table 122. Asia Pacific Thermal Infrared Detector Sales Forecast by Region (2025-2030) & (K Units)

Table 123. Asia Pacific Thermal Infrared Detector Market Size Forecast by Region (2025-2030) & (M USD)

Table 124. South America Thermal Infrared Detector Sales Forecast by Country (2025-2030) & (K Units)

Table 125. South America Thermal Infrared Detector Market Size Forecast by Country (2025-2030) & (M USD)

Table 126. Middle East and Africa Thermal Infrared Detector Consumption Forecast by Country (2025-2030) & (Units)

Table 127. Middle East and Africa Thermal Infrared Detector Market Size Forecast by Country (2025-2030) & (M USD)

Table 128. Global Thermal Infrared Detector Sales Forecast by Type (2025-2030) & (K Units)

Table 129. Global Thermal Infrared Detector Market Size Forecast by Type (2025-2030) & (M USD)

Table 130. Global Thermal Infrared Detector Price Forecast by Type (2025-2030) & (USD/Unit)

Table 131. Global Thermal Infrared Detector Sales (K Units) Forecast by Application (2025-2030)

Table 132. Global Thermal Infrared Detector Market Size Forecast by Application (2025-2030) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Thermal Infrared Detector
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Thermal Infrared Detector Market Size (M USD), 2019-2030
- Figure 5. Global Thermal Infrared Detector Market Size (M USD) (2019-2030)
- Figure 6. Global Thermal Infrared Detector Sales (K Units) & (2019-2030)
- 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. Thermal Infrared Detector Market Size by Country (M USD)
- Figure 11. Thermal Infrared Detector Sales Share by Manufacturers in 2023
- Figure 12. Global Thermal Infrared Detector Revenue Share by Manufacturers in 2023
- Figure 13. Thermal Infrared Detector Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market Thermal Infrared Detector Average Price (USD/Unit) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by Thermal Infrared Detector Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global Thermal Infrared Detector Market Share by Type
- Figure 18. Sales Market Share of Thermal Infrared Detector by Type (2019-2024)
- Figure 19. Sales Market Share of Thermal Infrared Detector by Type in 2023
- Figure 20. Market Size Share of Thermal Infrared Detector by Type (2019-2024)
- Figure 21. Market Size Market Share of Thermal Infrared Detector by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global Thermal Infrared Detector Market Share by Application
- Figure 24. Global Thermal Infrared Detector Sales Market Share by Application (2019-2024)
- Figure 25. Global Thermal Infrared Detector Sales Market Share by Application in 2023
- Figure 26. Global Thermal Infrared Detector Market Share by Application (2019-2024)
- Figure 27. Global Thermal Infrared Detector Market Share by Application in 2023
- Figure 28. Global Thermal Infrared Detector Sales Growth Rate by Application (2019-2024)
- Figure 29. Global Thermal Infrared Detector Sales Market Share by Region (2019-2024)
- Figure 30. North America Thermal Infrared Detector Sales and Growth Rate

(2019-2024) & (K Units)

Figure 31. North America Thermal Infrared Detector Sales Market Share by Country in 2023

Figure 32. U.S. Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada Thermal Infrared Detector Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico Thermal Infrared Detector Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe Thermal Infrared Detector Sales Market Share by Country in 2023

Figure 37. Germany Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific Thermal Infrared Detector Sales and Growth Rate (K Units)

Figure 43. Asia Pacific Thermal Infrared Detector Sales Market Share by Region in 2023

Figure 44. China Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. South America Thermal Infrared Detector Sales and Growth Rate (K Units)

Figure 50. South America Thermal Infrared Detector Sales Market Share by Country in 2023

Figure 51. Brazil Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K

Units)

Figure 52. Argentina Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa Thermal Infrared Detector Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Thermal Infrared Detector Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa Thermal Infrared Detector Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global Thermal Infrared Detector Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global Thermal Infrared Detector Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Thermal Infrared Detector Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Thermal Infrared Detector Market Share Forecast by Type (2025-2030)

Figure 65. Global Thermal Infrared Detector Sales Forecast by Application (2025-2030)

Figure 66. Global Thermal Infrared Detector Market Share Forecast by Application (2025-2030)

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