

# Global Photonic IR Sensor Market Research Report 2024(Status and Outlook)

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## Abstracts

### Report Overview

A photonic IR (infrared) sensor is a device that detects and measures infrared radiation emitted by objects. These sensors convert IR radiation into an electrical signal, enabling them to detect temperature changes, presence, and motion of objects even in low-light or dark environments. Photonic IR sensors have applications in security systems, motion detectors, temperature monitoring, and more.

This report provides a deep insight into the global Photonic IR Sensor 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 Photonic IR Sensor 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 Photonic IR Sensor market in any manner.

## Global Photonic IR Sensor 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

Sofradir

Excelitas Technologies Corp.

Hamamatsu Photonic

Nippon Ceramic

Senba Sensing Technology

Yantai Raytron Technology Co., Ltd.

North GuangWei

Infra TEC GmbH

Panasonic

Omron

Murata

Heimann Sensor GmbH

Market Segmentation (by Type)

Short Wave Infrared

Mid Wave Infrared

Long Wave Infrared

Market Segmentation (by Application)

Military Field

Civil Field

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 Photonic IR Sensor Market

Overview of the regional outlook of the Photonic IR Sensor 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.

### 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 Photonic IR Sensor 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 Photonic IR Sensor
- 1.2 Key Market Segments
  - 1.2.1 Photonic IR Sensor Segment by Type
  - 1.2.2 Photonic IR Sensor 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 PHOTONIC IR SENSOR MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Photonic IR Sensor Market Size (M USD) Estimates and Forecasts (2019-2030)
  - 2.1.2 Global Photonic IR Sensor Sales Estimates and Forecasts (2019-2030)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 PHOTONIC IR SENSOR MARKET COMPETITIVE LANDSCAPE**

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

### **4 PHOTONIC IR SENSOR INDUSTRY CHAIN ANALYSIS**

- 4.1 Photonic IR Sensor 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 PHOTONIC IR SENSOR 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 PHOTONIC IR SENSOR MARKET SEGMENTATION BY TYPE**

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

## **7 PHOTONIC IR SENSOR MARKET SEGMENTATION BY APPLICATION**

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

## **8 PHOTONIC IR SENSOR MARKET SEGMENTATION BY REGION**

- 8.1 Global Photonic IR Sensor Sales by Region
  - 8.1.1 Global Photonic IR Sensor Sales by Region
  - 8.1.2 Global Photonic IR Sensor Sales Market Share by Region
- 8.2 North America
  - 8.2.1 North America Photonic IR Sensor Sales by Country
  - 8.2.2 U.S.



- 8.2.3 Canada
- 8.2.4 Mexico
- 8.3 Europe
  - 8.3.1 Europe Photonic IR Sensor 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 Photonic IR Sensor 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 Photonic IR Sensor 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 Photonic IR Sensor 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 Sofradir
  - 9.1.1 Sofradir Photonic IR Sensor Basic Information
  - 9.1.2 Sofradir Photonic IR Sensor Product Overview
  - 9.1.3 Sofradir Photonic IR Sensor Product Market Performance
  - 9.1.4 Sofradir Business Overview
  - 9.1.5 Sofradir Photonic IR Sensor SWOT Analysis
  - 9.1.6 Sofradir Recent Developments
- 9.2 Excelitas Technologies Corp.

- 9.2.1 Excelitas Technologies Corp. Photonic IR Sensor Basic Information
- 9.2.2 Excelitas Technologies Corp. Photonic IR Sensor Product Overview
- 9.2.3 Excelitas Technologies Corp. Photonic IR Sensor Product Market Performance
- 9.2.4 Excelitas Technologies Corp. Business Overview
- 9.2.5 Excelitas Technologies Corp. Photonic IR Sensor SWOT Analysis
- 9.2.6 Excelitas Technologies Corp. Recent Developments
- 9.3 Hamamatsu Photonic
  - 9.3.1 Hamamatsu Photonic Photonic IR Sensor Basic Information
  - 9.3.2 Hamamatsu Photonic Photonic IR Sensor Product Overview
  - 9.3.3 Hamamatsu Photonic Photonic IR Sensor Product Market Performance
  - 9.3.4 Hamamatsu Photonic Photonic IR Sensor SWOT Analysis
  - 9.3.5 Hamamatsu Photonic Business Overview
  - 9.3.6 Hamamatsu Photonic Recent Developments
- 9.4 Nippon Ceramic
  - 9.4.1 Nippon Ceramic Photonic IR Sensor Basic Information
  - 9.4.2 Nippon Ceramic Photonic IR Sensor Product Overview
  - 9.4.3 Nippon Ceramic Photonic IR Sensor Product Market Performance
  - 9.4.4 Nippon Ceramic Business Overview
  - 9.4.5 Nippon Ceramic Recent Developments
- 9.5 Senba Sensing Technology
  - 9.5.1 Senba Sensing Technology Photonic IR Sensor Basic Information
  - 9.5.2 Senba Sensing Technology Photonic IR Sensor Product Overview
  - 9.5.3 Senba Sensing Technology Photonic IR Sensor Product Market Performance
  - 9.5.4 Senba Sensing Technology Business Overview
  - 9.5.5 Senba Sensing Technology Recent Developments
- 9.6 Yantai Raytron Technology Co., Ltd.
  - 9.6.1 Yantai Raytron Technology Co., Ltd. Photonic IR Sensor Basic Information
  - 9.6.2 Yantai Raytron Technology Co., Ltd. Photonic IR Sensor Product Overview
  - 9.6.3 Yantai Raytron Technology Co., Ltd. Photonic IR Sensor Product Market Performance
  - 9.6.4 Yantai Raytron Technology Co., Ltd. Business Overview
  - 9.6.5 Yantai Raytron Technology Co., Ltd. Recent Developments
- 9.7 North GuangWei
  - 9.7.1 North GuangWei Photonic IR Sensor Basic Information
  - 9.7.2 North GuangWei Photonic IR Sensor Product Overview
  - 9.7.3 North GuangWei Photonic IR Sensor Product Market Performance
  - 9.7.4 North GuangWei Business Overview
  - 9.7.5 North GuangWei Recent Developments
- 9.8 Infra TEC GmbH

- 9.8.1 Infra TEC GmbH Photonic IR Sensor Basic Information
- 9.8.2 Infra TEC GmbH Photonic IR Sensor Product Overview
- 9.8.3 Infra TEC GmbH Photonic IR Sensor Product Market Performance
- 9.8.4 Infra TEC GmbH Business Overview
- 9.8.5 Infra TEC GmbH Recent Developments

#### 9.9 Panasonic

- 9.9.1 Panasonic Photonic IR Sensor Basic Information
- 9.9.2 Panasonic Photonic IR Sensor Product Overview
- 9.9.3 Panasonic Photonic IR Sensor Product Market Performance
- 9.9.4 Panasonic Business Overview
- 9.9.5 Panasonic Recent Developments

#### 9.10 Omron

- 9.10.1 Omron Photonic IR Sensor Basic Information
- 9.10.2 Omron Photonic IR Sensor Product Overview
- 9.10.3 Omron Photonic IR Sensor Product Market Performance
- 9.10.4 Omron Business Overview
- 9.10.5 Omron Recent Developments

#### 9.11 Murata

- 9.11.1 Murata Photonic IR Sensor Basic Information
- 9.11.2 Murata Photonic IR Sensor Product Overview
- 9.11.3 Murata Photonic IR Sensor Product Market Performance
- 9.11.4 Murata Business Overview
- 9.11.5 Murata Recent Developments

#### 9.12 Heimann Sensor GmbH

- 9.12.1 Heimann Sensor GmbH Photonic IR Sensor Basic Information
- 9.12.2 Heimann Sensor GmbH Photonic IR Sensor Product Overview
- 9.12.3 Heimann Sensor GmbH Photonic IR Sensor Product Market Performance
- 9.12.4 Heimann Sensor GmbH Business Overview
- 9.12.5 Heimann Sensor GmbH Recent Developments

## **10 PHOTONIC IR SENSOR MARKET FORECAST BY REGION**

- 10.1 Global Photonic IR Sensor Market Size Forecast
- 10.2 Global Photonic IR Sensor Market Forecast by Region
  - 10.2.1 North America Market Size Forecast by Country
  - 10.2.2 Europe Photonic IR Sensor Market Size Forecast by Country
  - 10.2.3 Asia Pacific Photonic IR Sensor Market Size Forecast by Region
  - 10.2.4 South America Photonic IR Sensor Market Size Forecast by Country
  - 10.2.5 Middle East and Africa Forecasted Consumption of Photonic IR Sensor by

Country

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

11.1 Global Photonic IR Sensor Market Forecast by Type (2025-2030)

11.1.1 Global Forecasted Sales of Photonic IR Sensor by Type (2025-2030)

11.1.2 Global Photonic IR Sensor Market Size Forecast by Type (2025-2030)

11.1.3 Global Forecasted Price of Photonic IR Sensor by Type (2025-2030)

11.2 Global Photonic IR Sensor Market Forecast by Application (2025-2030)

11.2.1 Global Photonic IR Sensor Sales (K Units) Forecast by Application

11.2.2 Global Photonic IR Sensor 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. Photonic IR Sensor Market Size Comparison by Region (M USD)

Table 5. Global Photonic IR Sensor Sales (K Units) by Manufacturers (2019-2024)

Table 6. Global Photonic IR Sensor Sales Market Share by Manufacturers (2019-2024)

Table 7. Global Photonic IR Sensor Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global Photonic IR Sensor Revenue Share by Manufacturers (2019-2024)

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

Table 10. Global Market Photonic IR Sensor Average Price (USD/Unit) of Key Manufacturers (2019-2024)

Table 11. Manufacturers Photonic IR Sensor Sales Sites and Area Served

Table 12. Manufacturers Photonic IR Sensor Product Type

Table 13. Global Photonic IR Sensor Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Photonic IR Sensor

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. Photonic IR Sensor Market Challenges

Table 22. Global Photonic IR Sensor Sales by Type (K Units)

Table 23. Global Photonic IR Sensor Market Size by Type (M USD)

Table 24. Global Photonic IR Sensor Sales (K Units) by Type (2019-2024)

Table 25. Global Photonic IR Sensor Sales Market Share by Type (2019-2024)

Table 26. Global Photonic IR Sensor Market Size (M USD) by Type (2019-2024)

Table 27. Global Photonic IR Sensor Market Size Share by Type (2019-2024)

Table 28. Global Photonic IR Sensor Price (USD/Unit) by Type (2019-2024)

Table 29. Global Photonic IR Sensor Sales (K Units) by Application

Table 30. Global Photonic IR Sensor Market Size by Application

Table 31. Global Photonic IR Sensor Sales by Application (2019-2024) & (K Units)

Table 32. Global Photonic IR Sensor Sales Market Share by Application (2019-2024)

Table 33. Global Photonic IR Sensor Sales by Application (2019-2024) & (M USD)  
Table 34. Global Photonic IR Sensor Market Share by Application (2019-2024)  
Table 35. Global Photonic IR Sensor Sales Growth Rate by Application (2019-2024)  
Table 36. Global Photonic IR Sensor Sales by Region (2019-2024) & (K Units)  
Table 37. Global Photonic IR Sensor Sales Market Share by Region (2019-2024)  
Table 38. North America Photonic IR Sensor Sales by Country (2019-2024) & (K Units)  
Table 39. Europe Photonic IR Sensor Sales by Country (2019-2024) & (K Units)  
Table 40. Asia Pacific Photonic IR Sensor Sales by Region (2019-2024) & (K Units)  
Table 41. South America Photonic IR Sensor Sales by Country (2019-2024) & (K Units)  
Table 42. Middle East and Africa Photonic IR Sensor Sales by Region (2019-2024) & (K Units)  
Table 43. Sofradir Photonic IR Sensor Basic Information  
Table 44. Sofradir Photonic IR Sensor Product Overview  
Table 45. Sofradir Photonic IR Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)  
Table 46. Sofradir Business Overview  
Table 47. Sofradir Photonic IR Sensor SWOT Analysis  
Table 48. Sofradir Recent Developments  
Table 49. Excelitas Technologies Corp. Photonic IR Sensor Basic Information  
Table 50. Excelitas Technologies Corp. Photonic IR Sensor Product Overview  
Table 51. Excelitas Technologies Corp. Photonic IR Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)  
Table 52. Excelitas Technologies Corp. Business Overview  
Table 53. Excelitas Technologies Corp. Photonic IR Sensor SWOT Analysis  
Table 54. Excelitas Technologies Corp. Recent Developments  
Table 55. Hamamatsu Photonic Photonic IR Sensor Basic Information  
Table 56. Hamamatsu Photonic Photonic IR Sensor Product Overview  
Table 57. Hamamatsu Photonic Photonic IR Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)  
Table 58. Hamamatsu Photonic Photonic IR Sensor SWOT Analysis  
Table 59. Hamamatsu Photonic Business Overview  
Table 60. Hamamatsu Photonic Recent Developments  
Table 61. Nippon Ceramic Photonic IR Sensor Basic Information  
Table 62. Nippon Ceramic Photonic IR Sensor Product Overview  
Table 63. Nippon Ceramic Photonic IR Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)  
Table 64. Nippon Ceramic Business Overview  
Table 65. Nippon Ceramic Recent Developments  
Table 66. Senba Sensing Technology Photonic IR Sensor Basic Information



- Table 67. Senba Sensing Technology Photonic IR Sensor Product Overview
- Table 68. Senba Sensing Technology Photonic IR Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 69. Senba Sensing Technology Business Overview
- Table 70. Senba Sensing Technology Recent Developments
- Table 71. Yantai Raytron Technology Co., Ltd. Photonic IR Sensor Basic Information
- Table 72. Yantai Raytron Technology Co., Ltd. Photonic IR Sensor Product Overview
- Table 73. Yantai Raytron Technology Co., Ltd. Photonic IR Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 74. Yantai Raytron Technology Co., Ltd. Business Overview
- Table 75. Yantai Raytron Technology Co., Ltd. Recent Developments
- Table 76. North GuangWei Photonic IR Sensor Basic Information
- Table 77. North GuangWei Photonic IR Sensor Product Overview
- Table 78. North GuangWei Photonic IR Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 79. North GuangWei Business Overview
- Table 80. North GuangWei Recent Developments
- Table 81. Infra TEC GmbH Photonic IR Sensor Basic Information
- Table 82. Infra TEC GmbH Photonic IR Sensor Product Overview
- Table 83. Infra TEC GmbH Photonic IR Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 84. Infra TEC GmbH Business Overview
- Table 85. Infra TEC GmbH Recent Developments
- Table 86. Panasonic Photonic IR Sensor Basic Information
- Table 87. Panasonic Photonic IR Sensor Product Overview
- Table 88. Panasonic Photonic IR Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 89. Panasonic Business Overview
- Table 90. Panasonic Recent Developments
- Table 91. Omron Photonic IR Sensor Basic Information
- Table 92. Omron Photonic IR Sensor Product Overview
- Table 93. Omron Photonic IR Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 94. Omron Business Overview
- Table 95. Omron Recent Developments
- Table 96. Murata Photonic IR Sensor Basic Information
- Table 97. Murata Photonic IR Sensor Product Overview
- Table 98. Murata Photonic IR Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 99. Murata Business Overview

Table 100. Murata Recent Developments

Table 101. Heimann Sensor GmbH Photonic IR Sensor Basic Information

Table 102. Heimann Sensor GmbH Photonic IR Sensor Product Overview

Table 103. Heimann Sensor GmbH Photonic IR Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 104. Heimann Sensor GmbH Business Overview

Table 105. Heimann Sensor GmbH Recent Developments

Table 106. Global Photonic IR Sensor Sales Forecast by Region (2025-2030) & (K Units)

Table 107. Global Photonic IR Sensor Market Size Forecast by Region (2025-2030) & (M USD)

Table 108. North America Photonic IR Sensor Sales Forecast by Country (2025-2030) & (K Units)

Table 109. North America Photonic IR Sensor Market Size Forecast by Country (2025-2030) & (M USD)

Table 110. Europe Photonic IR Sensor Sales Forecast by Country (2025-2030) & (K Units)

Table 111. Europe Photonic IR Sensor Market Size Forecast by Country (2025-2030) & (M USD)

Table 112. Asia Pacific Photonic IR Sensor Sales Forecast by Region (2025-2030) & (K Units)

Table 113. Asia Pacific Photonic IR Sensor Market Size Forecast by Region (2025-2030) & (M USD)

Table 114. South America Photonic IR Sensor Sales Forecast by Country (2025-2030) & (K Units)

Table 115. South America Photonic IR Sensor Market Size Forecast by Country (2025-2030) & (M USD)

Table 116. Middle East and Africa Photonic IR Sensor Consumption Forecast by Country (2025-2030) & (Units)

Table 117. Middle East and Africa Photonic IR Sensor Market Size Forecast by Country (2025-2030) & (M USD)

Table 118. Global Photonic IR Sensor Sales Forecast by Type (2025-2030) & (K Units)

Table 119. Global Photonic IR Sensor Market Size Forecast by Type (2025-2030) & (M USD)

Table 120. Global Photonic IR Sensor Price Forecast by Type (2025-2030) & (USD/Unit)

Table 121. Global Photonic IR Sensor Sales (K Units) Forecast by Application (2025-2030)



Table 122. Global Photonic IR Sensor Market Size Forecast by Application (2025-2030)  
& (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Photonic IR Sensor
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Photonic IR Sensor Market Size (M USD), 2019-2030
- Figure 5. Global Photonic IR Sensor Market Size (M USD) (2019-2030)
- Figure 6. Global Photonic IR Sensor 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. Photonic IR Sensor Market Size by Country (M USD)
- Figure 11. Photonic IR Sensor Sales Share by Manufacturers in 2023
- Figure 12. Global Photonic IR Sensor Revenue Share by Manufacturers in 2023
- Figure 13. Photonic IR Sensor Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market Photonic IR Sensor Average Price (USD/Unit) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by Photonic IR Sensor Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global Photonic IR Sensor Market Share by Type
- Figure 18. Sales Market Share of Photonic IR Sensor by Type (2019-2024)
- Figure 19. Sales Market Share of Photonic IR Sensor by Type in 2023
- Figure 20. Market Size Share of Photonic IR Sensor by Type (2019-2024)
- Figure 21. Market Size Market Share of Photonic IR Sensor by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global Photonic IR Sensor Market Share by Application
- Figure 24. Global Photonic IR Sensor Sales Market Share by Application (2019-2024)
- Figure 25. Global Photonic IR Sensor Sales Market Share by Application in 2023
- Figure 26. Global Photonic IR Sensor Market Share by Application (2019-2024)
- Figure 27. Global Photonic IR Sensor Market Share by Application in 2023
- Figure 28. Global Photonic IR Sensor Sales Growth Rate by Application (2019-2024)
- Figure 29. Global Photonic IR Sensor Sales Market Share by Region (2019-2024)
- Figure 30. North America Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 31. North America Photonic IR Sensor Sales Market Share by Country in 2023

- Figure 32. U.S. Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 33. Canada Photonic IR Sensor Sales (K Units) and Growth Rate (2019-2024)
- Figure 34. Mexico Photonic IR Sensor Sales (Units) and Growth Rate (2019-2024)
- Figure 35. Europe Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 36. Europe Photonic IR Sensor Sales Market Share by Country in 2023
- Figure 37. Germany Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 38. France Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 39. U.K. Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 40. Italy Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 41. Russia Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 42. Asia Pacific Photonic IR Sensor Sales and Growth Rate (K Units)
- Figure 43. Asia Pacific Photonic IR Sensor Sales Market Share by Region in 2023
- Figure 44. China Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 45. Japan Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 46. South Korea Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 47. India Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 48. Southeast Asia Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 49. South America Photonic IR Sensor Sales and Growth Rate (K Units)
- Figure 50. South America Photonic IR Sensor Sales Market Share by Country in 2023
- Figure 51. Brazil Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 52. Argentina Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 53. Columbia Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 54. Middle East and Africa Photonic IR Sensor Sales and Growth Rate (K Units)
- Figure 55. Middle East and Africa Photonic IR Sensor Sales Market Share by Region in 2023
- Figure 56. Saudi Arabia Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 57. UAE Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 58. Egypt Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 59. Nigeria Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 60. South Africa Photonic IR Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 61. Global Photonic IR Sensor Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global Photonic IR Sensor Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Photonic IR Sensor Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Photonic IR Sensor Market Share Forecast by Type (2025-2030)

Figure 65. Global Photonic IR Sensor Sales Forecast by Application (2025-2030)

Figure 66. Global Photonic IR Sensor Market Share Forecast by Application (2025-2030)

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