

# Global Short Wavelength Infra-Red (SWIR) Sensors Market Research Report 2024(Status and Outlook)

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## Abstracts

### Report Overview

This report provides a deep insight into the global Short Wavelength Infra-Red (SWIR) Sensors 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 Short Wavelength Infra-Red (SWIR) Sensors 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 Short Wavelength Infra-Red (SWIR) Sensors market in any manner.

### Global Short Wavelength Infra-Red (SWIR) Sensors 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

Sony

Edmund Optics

SWIR Vision Systems

Teledyne Technologies

Rafael Advanced Defense Systems Ltd

Xenics

Hamamatsu Photonics

Axiom Optics

Pembroke Instruments

Ghopto

FLIR Systems

Allied Vision

Corning Inc.

Market Segmentation (by Type)

Line-scan

Area-scan

Market Segmentation (by Application)

Small Animal Imaging

National Defense & Security

Semiconductor & Solar Cell Inspection

Laser Welding/Laser Additive Manufacturing

Laser Beam Profiling

Astronomy

Carbon Nanotubes Imaging

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 Short Wavelength Infra-Red (SWIR) Sensors Market

Overview of the regional outlook of the Short Wavelength Infra-Red (SWIR) Sensors 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 Short Wavelength Infra-Red (SWIR) Sensors 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 Short Wavelength Infra-Red (SWIR) Sensors

1.2 Key Market Segments

1.2.1 Short Wavelength Infra-Red (SWIR) Sensors Segment by Type

1.2.2 Short Wavelength Infra-Red (SWIR) Sensors 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 SHORT WAVELENGTH INFRA-RED (SWIR) SENSORS MARKET OVERVIEW**

2.1 Global Market Overview

2.1.1 Global Short Wavelength Infra-Red (SWIR) Sensors Market Size (M USD) Estimates and Forecasts (2019-2030)

2.1.2 Global Short Wavelength Infra-Red (SWIR) Sensors Sales Estimates and Forecasts (2019-2030)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

### **3 SHORT WAVELENGTH INFRA-RED (SWIR) SENSORS MARKET COMPETITIVE LANDSCAPE**

3.1 Global Short Wavelength Infra-Red (SWIR) Sensors Sales by Manufacturers (2019-2024)

3.2 Global Short Wavelength Infra-Red (SWIR) Sensors Revenue Market Share by Manufacturers (2019-2024)

3.3 Short Wavelength Infra-Red (SWIR) Sensors Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Short Wavelength Infra-Red (SWIR) Sensors Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Short Wavelength Infra-Red (SWIR) Sensors Sales Sites, Area Served, Product Type

### 3.6 Short Wavelength Infra-Red (SWIR) Sensors Market Competitive Situation and Trends

3.6.1 Short Wavelength Infra-Red (SWIR) Sensors Market Concentration Rate

3.6.2 Global 5 and 10 Largest Short Wavelength Infra-Red (SWIR) Sensors Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

## **4 SHORT WAVELENGTH INFRA-RED (SWIR) SENSORS INDUSTRY CHAIN ANALYSIS**

4.1 Short Wavelength Infra-Red (SWIR) Sensors 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 SHORT WAVELENGTH INFRA-RED (SWIR) SENSORS 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 SHORT WAVELENGTH INFRA-RED (SWIR) SENSORS MARKET SEGMENTATION BY TYPE**

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Type (2019-2024)

6.3 Global Short Wavelength Infra-Red (SWIR) Sensors Market Size Market Share by Type (2019-2024)

6.4 Global Short Wavelength Infra-Red (SWIR) Sensors Price by Type (2019-2024)



## **7 SHORT WAVELENGTH INFRA-RED (SWIR) SENSORS MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Short Wavelength Infra-Red (SWIR) Sensors Market Sales by Application (2019-2024)
- 7.3 Global Short Wavelength Infra-Red (SWIR) Sensors Market Size (M USD) by Application (2019-2024)
- 7.4 Global Short Wavelength Infra-Red (SWIR) Sensors Sales Growth Rate by Application (2019-2024)

## **8 SHORT WAVELENGTH INFRA-RED (SWIR) SENSORS MARKET SEGMENTATION BY REGION**

- 8.1 Global Short Wavelength Infra-Red (SWIR) Sensors Sales by Region
  - 8.1.1 Global Short Wavelength Infra-Red (SWIR) Sensors Sales by Region
  - 8.1.2 Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Region
- 8.2 North America
  - 8.2.1 North America Short Wavelength Infra-Red (SWIR) Sensors Sales by Country
  - 8.2.2 U.S.
  - 8.2.3 Canada
  - 8.2.4 Mexico
- 8.3 Europe
  - 8.3.1 Europe Short Wavelength Infra-Red (SWIR) Sensors 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 Short Wavelength Infra-Red (SWIR) Sensors 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 Short Wavelength Infra-Red (SWIR) Sensors 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 Short Wavelength Infra-Red (SWIR) Sensors 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 Sony

9.1.1 Sony Short Wavelength Infra-Red (SWIR) Sensors Basic Information

9.1.2 Sony Short Wavelength Infra-Red (SWIR) Sensors Product Overview

9.1.3 Sony Short Wavelength Infra-Red (SWIR) Sensors Product Market Performance

9.1.4 Sony Business Overview

9.1.5 Sony Short Wavelength Infra-Red (SWIR) Sensors SWOT Analysis

9.1.6 Sony Recent Developments

9.2 Edmund Optics

9.2.1 Edmund Optics Short Wavelength Infra-Red (SWIR) Sensors Basic Information

9.2.2 Edmund Optics Short Wavelength Infra-Red (SWIR) Sensors Product Overview

9.2.3 Edmund Optics Short Wavelength Infra-Red (SWIR) Sensors Product Market Performance

9.2.4 Edmund Optics Business Overview

9.2.5 Edmund Optics Short Wavelength Infra-Red (SWIR) Sensors SWOT Analysis

9.2.6 Edmund Optics Recent Developments

9.3 SWIR Vision Systems

9.3.1 SWIR Vision Systems Short Wavelength Infra-Red (SWIR) Sensors Basic Information

9.3.2 SWIR Vision Systems Short Wavelength Infra-Red (SWIR) Sensors Product Overview

9.3.3 SWIR Vision Systems Short Wavelength Infra-Red (SWIR) Sensors Product Market Performance

9.3.4 SWIR Vision Systems Short Wavelength Infra-Red (SWIR) Sensors SWOT Analysis

9.3.5 SWIR Vision Systems Business Overview

- 9.3.6 SWIR Vision Systems Recent Developments
- 9.4 Teledyne Technologies
  - 9.4.1 Teledyne Technologies Short Wavelength Infra-Red (SWIR) Sensors Basic Information
  - 9.4.2 Teledyne Technologies Short Wavelength Infra-Red (SWIR) Sensors Product Overview
  - 9.4.3 Teledyne Technologies Short Wavelength Infra-Red (SWIR) Sensors Product Market Performance
  - 9.4.4 Teledyne Technologies Business Overview
  - 9.4.5 Teledyne Technologies Recent Developments
- 9.5 Rafael Advanced Defense Systems Ltd
  - 9.5.1 Rafael Advanced Defense Systems Ltd Short Wavelength Infra-Red (SWIR) Sensors Basic Information
  - 9.5.2 Rafael Advanced Defense Systems Ltd Short Wavelength Infra-Red (SWIR) Sensors Product Overview
  - 9.5.3 Rafael Advanced Defense Systems Ltd Short Wavelength Infra-Red (SWIR) Sensors Product Market Performance
  - 9.5.4 Rafael Advanced Defense Systems Ltd Business Overview
  - 9.5.5 Rafael Advanced Defense Systems Ltd Recent Developments
- 9.6 Xenics
  - 9.6.1 Xenics Short Wavelength Infra-Red (SWIR) Sensors Basic Information
  - 9.6.2 Xenics Short Wavelength Infra-Red (SWIR) Sensors Product Overview
  - 9.6.3 Xenics Short Wavelength Infra-Red (SWIR) Sensors Product Market Performance
  - 9.6.4 Xenics Business Overview
  - 9.6.5 Xenics Recent Developments
- 9.7 Hamamatsu Photonics
  - 9.7.1 Hamamatsu Photonics Short Wavelength Infra-Red (SWIR) Sensors Basic Information
  - 9.7.2 Hamamatsu Photonics Short Wavelength Infra-Red (SWIR) Sensors Product Overview
  - 9.7.3 Hamamatsu Photonics Short Wavelength Infra-Red (SWIR) Sensors Product Market Performance
  - 9.7.4 Hamamatsu Photonics Business Overview
  - 9.7.5 Hamamatsu Photonics Recent Developments
- 9.8 Axiom Optics
  - 9.8.1 Axiom Optics Short Wavelength Infra-Red (SWIR) Sensors Basic Information
  - 9.8.2 Axiom Optics Short Wavelength Infra-Red (SWIR) Sensors Product Overview
  - 9.8.3 Axiom Optics Short Wavelength Infra-Red (SWIR) Sensors Product Market

## Performance

9.8.4 Axiom Optics Business Overview

9.8.5 Axiom Optics Recent Developments

## 9.9 Pembroke Instruments

9.9.1 Pembroke Instruments Short Wavelength Infra-Red (SWIR) Sensors Basic Information

9.9.2 Pembroke Instruments Short Wavelength Infra-Red (SWIR) Sensors Product Overview

9.9.3 Pembroke Instruments Short Wavelength Infra-Red (SWIR) Sensors Product Market Performance

9.9.4 Pembroke Instruments Business Overview

9.9.5 Pembroke Instruments Recent Developments

## 9.10 Ghopto

9.10.1 Ghopto Short Wavelength Infra-Red (SWIR) Sensors Basic Information

9.10.2 Ghopto Short Wavelength Infra-Red (SWIR) Sensors Product Overview

9.10.3 Ghopto Short Wavelength Infra-Red (SWIR) Sensors Product Market Performance

## 9.10.4 Ghopto Business Overview

9.10.5 Ghopto Recent Developments

## 9.11 FLIR Systems

9.11.1 FLIR Systems Short Wavelength Infra-Red (SWIR) Sensors Basic Information

9.11.2 FLIR Systems Short Wavelength Infra-Red (SWIR) Sensors Product Overview

9.11.3 FLIR Systems Short Wavelength Infra-Red (SWIR) Sensors Product Market Performance

## 9.11.4 FLIR Systems Business Overview

9.11.5 FLIR Systems Recent Developments

## 9.12 Allied Vision

9.12.1 Allied Vision Short Wavelength Infra-Red (SWIR) Sensors Basic Information

9.12.2 Allied Vision Short Wavelength Infra-Red (SWIR) Sensors Product Overview

9.12.3 Allied Vision Short Wavelength Infra-Red (SWIR) Sensors Product Market Performance

## 9.12.4 Allied Vision Business Overview

9.12.5 Allied Vision Recent Developments

## 9.13 Corning Inc.

9.13.1 Corning Inc. Short Wavelength Infra-Red (SWIR) Sensors Basic Information

9.13.2 Corning Inc. Short Wavelength Infra-Red (SWIR) Sensors Product Overview

9.13.3 Corning Inc. Short Wavelength Infra-Red (SWIR) Sensors Product Market Performance

## 9.13.4 Corning Inc. Business Overview

### 9.13.5 Corning Inc. Recent Developments

## **10 SHORT WAVELENGTH INFRA-RED (SWIR) SENSORS MARKET FORECAST BY REGION**

### 10.1 Global Short Wavelength Infra-Red (SWIR) Sensors Market Size Forecast

### 10.2 Global Short Wavelength Infra-Red (SWIR) Sensors Market Forecast by Region

#### 10.2.1 North America Market Size Forecast by Country

#### 10.2.2 Europe Short Wavelength Infra-Red (SWIR) Sensors Market Size Forecast by Country

#### 10.2.3 Asia Pacific Short Wavelength Infra-Red (SWIR) Sensors Market Size Forecast by Region

#### 10.2.4 South America Short Wavelength Infra-Red (SWIR) Sensors Market Size Forecast by Country

#### 10.2.5 Middle East and Africa Forecasted Consumption of Short Wavelength Infra-Red (SWIR) Sensors by Country

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

### 11.1 Global Short Wavelength Infra-Red (SWIR) Sensors Market Forecast by Type (2025-2030)

#### 11.1.1 Global Forecasted Sales of Short Wavelength Infra-Red (SWIR) Sensors by Type (2025-2030)

#### 11.1.2 Global Short Wavelength Infra-Red (SWIR) Sensors Market Size Forecast by Type (2025-2030)

#### 11.1.3 Global Forecasted Price of Short Wavelength Infra-Red (SWIR) Sensors by Type (2025-2030)

### 11.2 Global Short Wavelength Infra-Red (SWIR) Sensors Market Forecast by Application (2025-2030)

#### 11.2.1 Global Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units) Forecast by Application

#### 11.2.2 Global Short Wavelength Infra-Red (SWIR) Sensors 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. Short Wavelength Infra-Red (SWIR) Sensors Market Size Comparison by Region (M USD)

Table 5. Global Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units) by Manufacturers (2019-2024)

Table 6. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Manufacturers (2019-2024)

Table 7. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Short Wavelength Infra-Red (SWIR) Sensors as of 2022)

Table 10. Global Market Short Wavelength Infra-Red (SWIR) Sensors Average Price (USD/Unit) of Key Manufacturers (2019-2024)

Table 11. Manufacturers Short Wavelength Infra-Red (SWIR) Sensors Sales Sites and Area Served

Table 12. Manufacturers Short Wavelength Infra-Red (SWIR) Sensors Product Type

Table 13. Global Short Wavelength Infra-Red (SWIR) Sensors Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Short Wavelength Infra-Red (SWIR) Sensors

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. Short Wavelength Infra-Red (SWIR) Sensors Market Challenges

Table 22. Global Short Wavelength Infra-Red (SWIR) Sensors Sales by Type (K Units)

Table 23. Global Short Wavelength Infra-Red (SWIR) Sensors Market Size by Type (M USD)

Table 24. Global Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units) by Type (2019-2024)

Table 25. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Type (2019-2024)

Table 26. Global Short Wavelength Infra-Red (SWIR) Sensors Market Size (M USD) by Type (2019-2024)

Table 27. Global Short Wavelength Infra-Red (SWIR) Sensors Market Size Share by Type (2019-2024)

Table 28. Global Short Wavelength Infra-Red (SWIR) Sensors Price (USD/Unit) by Type (2019-2024)

Table 29. Global Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units) by Application

Table 30. Global Short Wavelength Infra-Red (SWIR) Sensors Market Size by Application

Table 31. Global Short Wavelength Infra-Red (SWIR) Sensors Sales by Application (2019-2024) & (K Units)

Table 32. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Application (2019-2024)

Table 33. Global Short Wavelength Infra-Red (SWIR) Sensors Sales by Application (2019-2024) & (M USD)

Table 34. Global Short Wavelength Infra-Red (SWIR) Sensors Market Share by Application (2019-2024)

Table 35. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Growth Rate by Application (2019-2024)

Table 36. Global Short Wavelength Infra-Red (SWIR) Sensors Sales by Region (2019-2024) & (K Units)

Table 37. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Region (2019-2024)

Table 38. North America Short Wavelength Infra-Red (SWIR) Sensors Sales by Country (2019-2024) & (K Units)

Table 39. Europe Short Wavelength Infra-Red (SWIR) Sensors Sales by Country (2019-2024) & (K Units)

Table 40. Asia Pacific Short Wavelength Infra-Red (SWIR) Sensors Sales by Region (2019-2024) & (K Units)

Table 41. South America Short Wavelength Infra-Red (SWIR) Sensors Sales by Country (2019-2024) & (K Units)

Table 42. Middle East and Africa Short Wavelength Infra-Red (SWIR) Sensors Sales by Region (2019-2024) & (K Units)

Table 43. Sony Short Wavelength Infra-Red (SWIR) Sensors Basic Information

Table 44. Sony Short Wavelength Infra-Red (SWIR) Sensors Product Overview

Table 45. Sony Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue

(M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 46. Sony Business Overview

Table 47. Sony Short Wavelength Infra-Red (SWIR) Sensors SWOT Analysis

Table 48. Sony Recent Developments

Table 49. Edmund Optics Short Wavelength Infra-Red (SWIR) Sensors Basic Information

Table 50. Edmund Optics Short Wavelength Infra-Red (SWIR) Sensors Product Overview

Table 51. Edmund Optics Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 52. Edmund Optics Business Overview

Table 53. Edmund Optics Short Wavelength Infra-Red (SWIR) Sensors SWOT Analysis

Table 54. Edmund Optics Recent Developments

Table 55. SWIR Vision Systems Short Wavelength Infra-Red (SWIR) Sensors Basic Information

Table 56. SWIR Vision Systems Short Wavelength Infra-Red (SWIR) Sensors Product Overview

Table 57. SWIR Vision Systems Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 58. SWIR Vision Systems Short Wavelength Infra-Red (SWIR) Sensors SWOT Analysis

Table 59. SWIR Vision Systems Business Overview

Table 60. SWIR Vision Systems Recent Developments

Table 61. Teledyne Technologies Short Wavelength Infra-Red (SWIR) Sensors Basic Information

Table 62. Teledyne Technologies Short Wavelength Infra-Red (SWIR) Sensors Product Overview

Table 63. Teledyne Technologies Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 64. Teledyne Technologies Business Overview

Table 65. Teledyne Technologies Recent Developments

Table 66. Rafael Advanced Defense Systems Ltd Short Wavelength Infra-Red (SWIR) Sensors Basic Information

Table 67. Rafael Advanced Defense Systems Ltd Short Wavelength Infra-Red (SWIR) Sensors Product Overview

Table 68. Rafael Advanced Defense Systems Ltd Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 69. Rafael Advanced Defense Systems Ltd Business Overview



- Table 70. Rafael Advanced Defense Systems Ltd Recent Developments
- Table 71. Xenics Short Wavelength Infra-Red (SWIR) Sensors Basic Information
- Table 72. Xenics Short Wavelength Infra-Red (SWIR) Sensors Product Overview
- Table 73. Xenics Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 74. Xenics Business Overview
- Table 75. Xenics Recent Developments
- Table 76. Hamamatsu Photonics Short Wavelength Infra-Red (SWIR) Sensors Basic Information
- Table 77. Hamamatsu Photonics Short Wavelength Infra-Red (SWIR) Sensors Product Overview
- Table 78. Hamamatsu Photonics Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 79. Hamamatsu Photonics Business Overview
- Table 80. Hamamatsu Photonics Recent Developments
- Table 81. Axiom Optics Short Wavelength Infra-Red (SWIR) Sensors Basic Information
- Table 82. Axiom Optics Short Wavelength Infra-Red (SWIR) Sensors Product Overview
- Table 83. Axiom Optics Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 84. Axiom Optics Business Overview
- Table 85. Axiom Optics Recent Developments
- Table 86. Pembroke Instruments Short Wavelength Infra-Red (SWIR) Sensors Basic Information
- Table 87. Pembroke Instruments Short Wavelength Infra-Red (SWIR) Sensors Product Overview
- Table 88. Pembroke Instruments Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 89. Pembroke Instruments Business Overview
- Table 90. Pembroke Instruments Recent Developments
- Table 91. Ghopto Short Wavelength Infra-Red (SWIR) Sensors Basic Information
- Table 92. Ghopto Short Wavelength Infra-Red (SWIR) Sensors Product Overview
- Table 93. Ghopto Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 94. Ghopto Business Overview
- Table 95. Ghopto Recent Developments
- Table 96. FLIR Systems Short Wavelength Infra-Red (SWIR) Sensors Basic Information
- Table 97. FLIR Systems Short Wavelength Infra-Red (SWIR) Sensors Product Overview
- Table 98. FLIR Systems Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units),

Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 99. FLIR Systems Business Overview

Table 100. FLIR Systems Recent Developments

Table 101. Allied Vision Short Wavelength Infra-Red (SWIR) Sensors Basic Information

Table 102. Allied Vision Short Wavelength Infra-Red (SWIR) Sensors Product Overview

Table 103. Allied Vision Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 104. Allied Vision Business Overview

Table 105. Allied Vision Recent Developments

Table 106. Corning Inc. Short Wavelength Infra-Red (SWIR) Sensors Basic Information

Table 107. Corning Inc. Short Wavelength Infra-Red (SWIR) Sensors Product Overview

Table 108. Corning Inc. Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 109. Corning Inc. Business Overview

Table 110. Corning Inc. Recent Developments

Table 111. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Forecast by Region (2025-2030) & (K Units)

Table 112. Global Short Wavelength Infra-Red (SWIR) Sensors Market Size Forecast by Region (2025-2030) & (M USD)

Table 113. North America Short Wavelength Infra-Red (SWIR) Sensors Sales Forecast by Country (2025-2030) & (K Units)

Table 114. North America Short Wavelength Infra-Red (SWIR) Sensors Market Size Forecast by Country (2025-2030) & (M USD)

Table 115. Europe Short Wavelength Infra-Red (SWIR) Sensors Sales Forecast by Country (2025-2030) & (K Units)

Table 116. Europe Short Wavelength Infra-Red (SWIR) Sensors Market Size Forecast by Country (2025-2030) & (M USD)

Table 117. Asia Pacific Short Wavelength Infra-Red (SWIR) Sensors Sales Forecast by Region (2025-2030) & (K Units)

Table 118. Asia Pacific Short Wavelength Infra-Red (SWIR) Sensors Market Size Forecast by Region (2025-2030) & (M USD)

Table 119. South America Short Wavelength Infra-Red (SWIR) Sensors Sales Forecast by Country (2025-2030) & (K Units)

Table 120. South America Short Wavelength Infra-Red (SWIR) Sensors Market Size Forecast by Country (2025-2030) & (M USD)

Table 121. Middle East and Africa Short Wavelength Infra-Red (SWIR) Sensors Consumption Forecast by Country (2025-2030) & (Units)

Table 122. Middle East and Africa Short Wavelength Infra-Red (SWIR) Sensors Market Size Forecast by Country (2025-2030) & (M USD)

Table 123. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Forecast by Type (2025-2030) & (K Units)

Table 124. Global Short Wavelength Infra-Red (SWIR) Sensors Market Size Forecast by Type (2025-2030) & (M USD)

Table 125. Global Short Wavelength Infra-Red (SWIR) Sensors Price Forecast by Type (2025-2030) & (USD/Unit)

Table 126. Global Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units) Forecast by Application (2025-2030)

Table 127. Global Short Wavelength Infra-Red (SWIR) Sensors Market Size Forecast by Application (2025-2030) & (M USD)

## List Of Figures

### LIST OF FIGURES

Figure 1. Product Picture of Short Wavelength Infra-Red (SWIR) Sensors

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Short Wavelength Infra-Red (SWIR) Sensors Market Size (M USD), 2019-2030

Figure 5. Global Short Wavelength Infra-Red (SWIR) Sensors Market Size (M USD) (2019-2030)

Figure 6. Global Short Wavelength Infra-Red (SWIR) Sensors 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. Short Wavelength Infra-Red (SWIR) Sensors Market Size by Country (M USD)

Figure 11. Short Wavelength Infra-Red (SWIR) Sensors Sales Share by Manufacturers in 2023

Figure 12. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue Share by Manufacturers in 2023

Figure 13. Short Wavelength Infra-Red (SWIR) Sensors Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023

Figure 14. Global Market Short Wavelength Infra-Red (SWIR) Sensors Average Price (USD/Unit) of Key Manufacturers in 2023

Figure 15. The Global 5 and 10 Largest Players: Market Share by Short Wavelength Infra-Red (SWIR) Sensors Revenue in 2023

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global Short Wavelength Infra-Red (SWIR) Sensors Market Share by Type

Figure 18. Sales Market Share of Short Wavelength Infra-Red (SWIR) Sensors by Type (2019-2024)

Figure 19. Sales Market Share of Short Wavelength Infra-Red (SWIR) Sensors by Type in 2023

Figure 20. Market Size Share of Short Wavelength Infra-Red (SWIR) Sensors by Type (2019-2024)

Figure 21. Market Size Market Share of Short Wavelength Infra-Red (SWIR) Sensors by Type in 2023

Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global Short Wavelength Infra-Red (SWIR) Sensors Market Share by Application

Figure 24. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Application (2019-2024)

Figure 25. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Application in 2023

Figure 26. Global Short Wavelength Infra-Red (SWIR) Sensors Market Share by Application (2019-2024)

Figure 27. Global Short Wavelength Infra-Red (SWIR) Sensors Market Share by Application in 2023

Figure 28. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Growth Rate by Application (2019-2024)

Figure 29. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Region (2019-2024)

Figure 30. North America Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 31. North America Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Country in 2023

Figure 32. U.S. Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico Short Wavelength Infra-Red (SWIR) Sensors Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Country in 2023

Figure 37. Germany Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth

Rate (K Units)

Figure 43. Asia Pacific Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Region in 2023

Figure 44. China Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. South America Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (K Units)

Figure 50. South America Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Country in 2023

Figure 51. Brazil Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa Short Wavelength Infra-Red (SWIR) Sensors Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global Short Wavelength Infra-Red (SWIR) Sensors Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Short Wavelength Infra-Red (SWIR) Sensors Market Share Forecast by Type (2025-2030)

Figure 65. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Forecast by Application (2025-2030)

Figure 66. Global Short Wavelength Infra-Red (SWIR) Sensors Market Share Forecast by Application (2025-2030)

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