

Global Short Wavelength Infra-Red (SWIR) Sensors Market Growth 2024-2030

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Abstracts

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According to our LPI (LP Information) latest study, the global Short Wavelength Infra-Red (SWIR) Sensors market size was valued at US\$ million in 2023. With growing demand in downstream market, the Short Wavelength Infra-Red (SWIR) Sensors is forecast to a readjusted size of US\$ million by 2030 with a CAGR of % during review period.

The research report highlights the growth potential of the global Short Wavelength Infra-Red (SWIR) Sensors market. Short Wavelength Infra-Red (SWIR) Sensors are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Short Wavelength Infra-Red (SWIR) Sensors. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Short Wavelength Infra-Red (SWIR) Sensors market.

Key Features:

The report on Short Wavelength Infra-Red (SWIR) Sensors market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Short Wavelength Infra-Red (SWIR) Sensors market. It may include historical data, market segmentation by Type (e.g., Line-scan, Area-scan), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Short Wavelength Infra-Red (SWIR) Sensors market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Short Wavelength Infra-Red (SWIR) Sensors market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Short Wavelength Infra-Red (SWIR) Sensors industry. This include advancements in Short Wavelength Infra-Red (SWIR) Sensors technology, Short Wavelength Infra-Red (SWIR) Sensors new entrants, Short Wavelength Infra-Red (SWIR) Sensors new investment, and other innovations that are shaping the future of Short Wavelength Infra-Red (SWIR) Sensors.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Short Wavelength Infra-Red (SWIR) Sensors market. It includes factors influencing customer ' purchasing decisions, preferences for Short Wavelength Infra-Red (SWIR) Sensors product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Short Wavelength Infra-Red (SWIR) Sensors market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Short Wavelength Infra-Red (SWIR) Sensors market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the Short Wavelength Infra-Red (SWIR) Sensors market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Short Wavelength Infra-Red (SWIR) Sensors industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Short Wavelength Infra-Red (SWIR) Sensors market.

Market Segmentation:

Short Wavelength Infra-Red (SWIR) Sensors market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Segmentation by type

Line-scan

Area-scan

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

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

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.

Key Questions Addressed in this Report

What is the 10-year outlook for the global Short Wavelength Infra-Red (SWIR) Sensors market?

What factors are driving Short Wavelength Infra-Red (SWIR) Sensors market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Short Wavelength Infra-Red (SWIR) Sensors market opportunities vary by end market size?

How does Short Wavelength Infra-Red (SWIR) Sensors break out type, application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Short Wavelength Infra-Red (SWIR) Sensors Annual Sales 2019-2030

- 2.1.2 World Current & Future Analysis for Short Wavelength Infra-Red (SWIR)

Sensors by Geographic Region, 2019, 2023 & 2030

- 2.1.3 World Current & Future Analysis for Short Wavelength Infra-Red (SWIR)

Sensors by Country/Region, 2019, 2023 & 2030

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

- 2.2.1 Line-scan

- 2.2.2 Area-scan

2.3 Short Wavelength Infra-Red (SWIR) Sensors Sales by Type

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

- 2.3.2 Global Short Wavelength Infra-Red (SWIR) Sensors Revenue and Market Share by Type (2019-2024)

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

2.4 Short Wavelength Infra-Red (SWIR) Sensors Segment by Application

- 2.4.1 Small Animal Imaging

- 2.4.2 National Defense & Security

- 2.4.3 Semiconductor & Solar Cell Inspection

- 2.4.4 Laser Welding/Laser Additive Manufacturing

- 2.4.5 Laser Beam Profiling

- 2.4.6 Astronomy

- 2.4.7 Carbon Nanotubes Imaging

2.5 Short Wavelength Infra-Red (SWIR) Sensors Sales by Application

2.5.1 Global Short Wavelength Infra-Red (SWIR) Sensors Sale Market Share by Application (2019-2024)

2.5.2 Global Short Wavelength Infra-Red (SWIR) Sensors Revenue and Market Share by Application (2019-2024)

2.5.3 Global Short Wavelength Infra-Red (SWIR) Sensors Sale Price by Application (2019-2024)

3 GLOBAL SHORT WAVELENGTH INFRA-RED (SWIR) SENSORS BY COMPANY

3.1 Global Short Wavelength Infra-Red (SWIR) Sensors Breakdown Data by Company

3.1.1 Global Short Wavelength Infra-Red (SWIR) Sensors Annual Sales by Company (2019-2024)

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

3.2 Global Short Wavelength Infra-Red (SWIR) Sensors Annual Revenue by Company (2019-2024)

3.2.1 Global Short Wavelength Infra-Red (SWIR) Sensors Revenue by Company (2019-2024)

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

3.3 Global Short Wavelength Infra-Red (SWIR) Sensors Sale Price by Company

3.4 Key Manufacturers Short Wavelength Infra-Red (SWIR) Sensors Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Short Wavelength Infra-Red (SWIR) Sensors Product Location Distribution

3.4.2 Players Short Wavelength Infra-Red (SWIR) Sensors Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR SHORT WAVELENGTH INFRA-RED (SWIR) SENSORS BY GEOGRAPHIC REGION

4.1 World Historic Short Wavelength Infra-Red (SWIR) Sensors Market Size by Geographic Region (2019-2024)

4.1.1 Global Short Wavelength Infra-Red (SWIR) Sensors Annual Sales by

Geographic Region (2019-2024)

4.1.2 Global Short Wavelength Infra-Red (SWIR) Sensors Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Short Wavelength Infra-Red (SWIR) Sensors Market Size by Country/Region (2019-2024)

4.2.1 Global Short Wavelength Infra-Red (SWIR) Sensors Annual Sales by Country/Region (2019-2024)

4.2.2 Global Short Wavelength Infra-Red (SWIR) Sensors Annual Revenue by Country/Region (2019-2024)

4.3 Americas Short Wavelength Infra-Red (SWIR) Sensors Sales Growth

4.4 APAC Short Wavelength Infra-Red (SWIR) Sensors Sales Growth

4.5 Europe Short Wavelength Infra-Red (SWIR) Sensors Sales Growth

4.6 Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors Sales Growth

5 AMERICAS

5.1 Americas Short Wavelength Infra-Red (SWIR) Sensors Sales by Country

5.1.1 Americas Short Wavelength Infra-Red (SWIR) Sensors Sales by Country (2019-2024)

5.1.2 Americas Short Wavelength Infra-Red (SWIR) Sensors Revenue by Country (2019-2024)

5.2 Americas Short Wavelength Infra-Red (SWIR) Sensors Sales by Type

5.3 Americas Short Wavelength Infra-Red (SWIR) Sensors Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Short Wavelength Infra-Red (SWIR) Sensors Sales by Region

6.1.1 APAC Short Wavelength Infra-Red (SWIR) Sensors Sales by Region (2019-2024)

6.1.2 APAC Short Wavelength Infra-Red (SWIR) Sensors Revenue by Region (2019-2024)

6.2 APAC Short Wavelength Infra-Red (SWIR) Sensors Sales by Type

6.3 APAC Short Wavelength Infra-Red (SWIR) Sensors Sales by Application

6.4 China

6.5 Japan

- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Short Wavelength Infra-Red (SWIR) Sensors by Country
 - 7.1.1 Europe Short Wavelength Infra-Red (SWIR) Sensors Sales by Country (2019-2024)
 - 7.1.2 Europe Short Wavelength Infra-Red (SWIR) Sensors Revenue by Country (2019-2024)
- 7.2 Europe Short Wavelength Infra-Red (SWIR) Sensors Sales by Type
- 7.3 Europe Short Wavelength Infra-Red (SWIR) Sensors Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors by Country
 - 8.1.1 Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors Sales by Country (2019-2024)
 - 8.1.2 Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors Sales by Type
- 8.3 Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Short Wavelength Infra-Red (SWIR) Sensors

10.3 Manufacturing Process Analysis of Short Wavelength Infra-Red (SWIR) Sensors

10.4 Industry Chain Structure of Short Wavelength Infra-Red (SWIR) Sensors

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Short Wavelength Infra-Red (SWIR) Sensors Distributors

11.3 Short Wavelength Infra-Red (SWIR) Sensors Customer

12 WORLD FORECAST REVIEW FOR SHORT WAVELENGTH INFRA-RED (SWIR) SENSORS BY GEOGRAPHIC REGION

12.1 Global Short Wavelength Infra-Red (SWIR) Sensors Market Size Forecast by Region

12.1.1 Global Short Wavelength Infra-Red (SWIR) Sensors Forecast by Region (2025-2030)

12.1.2 Global Short Wavelength Infra-Red (SWIR) Sensors Annual Revenue Forecast by Region (2025-2030)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Short Wavelength Infra-Red (SWIR) Sensors Forecast by Type

12.7 Global Short Wavelength Infra-Red (SWIR) Sensors Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 Sony

- 13.1.1 Sony Company Information
- 13.1.2 Sony Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications
- 13.1.3 Sony Short Wavelength Infra-Red (SWIR) Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.1.4 Sony Main Business Overview
- 13.1.5 Sony Latest Developments
- 13.2 Edmund Optics
 - 13.2.1 Edmund Optics Company Information
 - 13.2.2 Edmund Optics Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications
 - 13.2.3 Edmund Optics Short Wavelength Infra-Red (SWIR) Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.2.4 Edmund Optics Main Business Overview
 - 13.2.5 Edmund Optics Latest Developments
- 13.3 SWIR Vision Systems
 - 13.3.1 SWIR Vision Systems Company Information
 - 13.3.2 SWIR Vision Systems Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications
 - 13.3.3 SWIR Vision Systems Short Wavelength Infra-Red (SWIR) Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.3.4 SWIR Vision Systems Main Business Overview
 - 13.3.5 SWIR Vision Systems Latest Developments
- 13.4 Teledyne Technologies
 - 13.4.1 Teledyne Technologies Company Information
 - 13.4.2 Teledyne Technologies Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications
 - 13.4.3 Teledyne Technologies Short Wavelength Infra-Red (SWIR) Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.4.4 Teledyne Technologies Main Business Overview
 - 13.4.5 Teledyne Technologies Latest Developments
- 13.5 Rafael Advanced Defense Systems Ltd
 - 13.5.1 Rafael Advanced Defense Systems Ltd Company Information
 - 13.5.2 Rafael Advanced Defense Systems Ltd Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications
 - 13.5.3 Rafael Advanced Defense Systems Ltd Short Wavelength Infra-Red (SWIR) Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.5.4 Rafael Advanced Defense Systems Ltd Main Business Overview
 - 13.5.5 Rafael Advanced Defense Systems Ltd Latest Developments

13.6 Xenics

13.6.1 Xenics Company Information

13.6.2 Xenics Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

13.6.3 Xenics Short Wavelength Infra-Red (SWIR) Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 Xenics Main Business Overview

13.6.5 Xenics Latest Developments

13.7 Hamamatsu Photonics

13.7.1 Hamamatsu Photonics Company Information

13.7.2 Hamamatsu Photonics Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

13.7.3 Hamamatsu Photonics Short Wavelength Infra-Red (SWIR) Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 Hamamatsu Photonics Main Business Overview

13.7.5 Hamamatsu Photonics Latest Developments

13.8 Axiom Optics

13.8.1 Axiom Optics Company Information

13.8.2 Axiom Optics Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

13.8.3 Axiom Optics Short Wavelength Infra-Red (SWIR) Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 Axiom Optics Main Business Overview

13.8.5 Axiom Optics Latest Developments

13.9 Pembroke Instruments

13.9.1 Pembroke Instruments Company Information

13.9.2 Pembroke Instruments Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

13.9.3 Pembroke Instruments Short Wavelength Infra-Red (SWIR) Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.9.4 Pembroke Instruments Main Business Overview

13.9.5 Pembroke Instruments Latest Developments

13.10 Ghopto

13.10.1 Ghopto Company Information

13.10.2 Ghopto Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

13.10.3 Ghopto Short Wavelength Infra-Red (SWIR) Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 Ghopto Main Business Overview

- 13.10.5 Ghopto Latest Developments
- 13.11 FLIR Systems
 - 13.11.1 FLIR Systems Company Information
 - 13.11.2 FLIR Systems Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications
 - 13.11.3 FLIR Systems Short Wavelength Infra-Red (SWIR) Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.11.4 FLIR Systems Main Business Overview
 - 13.11.5 FLIR Systems Latest Developments
- 13.12 Allied Vision
 - 13.12.1 Allied Vision Company Information
 - 13.12.2 Allied Vision Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications
 - 13.12.3 Allied Vision Short Wavelength Infra-Red (SWIR) Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.12.4 Allied Vision Main Business Overview
 - 13.12.5 Allied Vision Latest Developments
- 13.13 Corning Inc.
 - 13.13.1 Corning Inc. Company Information
 - 13.13.2 Corning Inc. Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications
 - 13.13.3 Corning Inc. Short Wavelength Infra-Red (SWIR) Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.13.4 Corning Inc. Main Business Overview
 - 13.13.5 Corning Inc. Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

LIST OF TABLES

- Table 1. Short Wavelength Infra-Red (SWIR) Sensors Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Table 2. Short Wavelength Infra-Red (SWIR) Sensors Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)
- Table 3. Major Players of Line-scan
- Table 4. Major Players of Area-scan
- Table 5. Global Short Wavelength Infra-Red (SWIR) Sensors Sales by Type (2019-2024) & (K Units)

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

Table 7. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue byType (2019-2024) & (\$ million)

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

Table 9. Global Short Wavelength Infra-Red (SWIR) Sensors Sale Price byType (2019-2024) & (US\$/Unit)

Table 10. Global Short Wavelength Infra-Red (SWIR) Sensors Sales by Application (2019-2024) & (K Units)

Table 11. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Application (2019-2024)

Table 12. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue by Application (2019-2024)

Table 13. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue Market Share by Application (2019-2024)

Table 14. Global Short Wavelength Infra-Red (SWIR) Sensors Sale Price by Application (2019-2024) & (US\$/Unit)

Table 15. Global Short Wavelength Infra-Red (SWIR) Sensors Sales by Company (2019-2024) & (K Units)

Table 16. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Company (2019-2024)

Table 17. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue by Company (2019-2024) (\$ Millions)

Table 18. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue Market Share by Company (2019-2024)

Table 19. Global Short Wavelength Infra-Red (SWIR) Sensors Sale Price by Company (2019-2024) & (US\$/Unit)

Table 20. Key Manufacturers Short Wavelength Infra-Red (SWIR) Sensors Producing Area Distribution and Sales Area

Table 21. Players Short Wavelength Infra-Red (SWIR) Sensors Products Offered

Table 22. Short Wavelength Infra-Red (SWIR) Sensors Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global Short Wavelength Infra-Red (SWIR) Sensors Sales by Geographic Region (2019-2024) & (K Units)

Table 26. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share Geographic Region (2019-2024)

Table 27. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global Short Wavelength Infra-Red (SWIR) Sensors Sales by Country/Region (2019-2024) & (K Units)

Table 30. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Country/Region (2019-2024)

Table 31. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas Short Wavelength Infra-Red (SWIR) Sensors Sales by Country (2019-2024) & (K Units)

Table 34. Americas Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Country (2019-2024)

Table 35. Americas Short Wavelength Infra-Red (SWIR) Sensors Revenue by Country (2019-2024) & (\$ Millions)

Table 36. Americas Short Wavelength Infra-Red (SWIR) Sensors Revenue Market Share by Country (2019-2024)

Table 37. Americas Short Wavelength Infra-Red (SWIR) Sensors Sales byType (2019-2024) & (K Units)

Table 38. Americas Short Wavelength Infra-Red (SWIR) Sensors Sales by Application (2019-2024) & (K Units)

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

Table 40. APAC Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Region (2019-2024)

Table 41. APAC Short Wavelength Infra-Red (SWIR) Sensors Revenue by Region (2019-2024) & (\$ Millions)

Table 42. APAC Short Wavelength Infra-Red (SWIR) Sensors Revenue Market Share by Region (2019-2024)

Table 43. APAC Short Wavelength Infra-Red (SWIR) Sensors Sales byType (2019-2024) & (K Units)

Table 44. APAC Short Wavelength Infra-Red (SWIR) Sensors Sales by Application (2019-2024) & (K Units)

Table 45. Europe Short Wavelength Infra-Red (SWIR) Sensors Sales by Country (2019-2024) & (K Units)

Table 46. Europe Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by

Country (2019-2024)

Table 47. Europe Short Wavelength Infra-Red (SWIR) Sensors Revenue by Country (2019-2024) & (\$ Millions)

Table 48. Europe Short Wavelength Infra-Red (SWIR) Sensors Revenue Market Share by Country (2019-2024)

Table 49. Europe Short Wavelength Infra-Red (SWIR) Sensors Sales byType (2019-2024) & (K Units)

Table 50. Europe Short Wavelength Infra-Red (SWIR) Sensors Sales by Application (2019-2024) & (K Units)

Table 51. Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors Sales by Country (2019-2024) & (K Units)

Table 52. Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Country (2019-2024)

Table 53. Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors Revenue by Country (2019-2024) & (\$ Millions)

Table 54. Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors Revenue Market Share by Country (2019-2024)

Table 55. Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors Sales byType (2019-2024) & (K Units)

Table 56. Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors Sales by Application (2019-2024) & (K Units)

Table 57. Key Market Drivers & Growth Opportunities of Short Wavelength Infra-Red (SWIR) Sensors

Table 58. Key Market Challenges & Risks of Short Wavelength Infra-Red (SWIR) Sensors

Table 59. Key IndustryTrends of Short Wavelength Infra-Red (SWIR) Sensors

Table 60. Short Wavelength Infra-Red (SWIR) Sensors Raw Material

Table 61. Key Suppliers of Raw Materials

Table 62. Short Wavelength Infra-Red (SWIR) Sensors Distributors List

Table 63. Short Wavelength Infra-Red (SWIR) Sensors Customer List

Table 64. Global Short Wavelength Infra-Red (SWIR) Sensors SalesForecast by Region (2025-2030) & (K Units)

Table 65. Global Short Wavelength Infra-Red (SWIR) Sensors RevenueForecast by Region (2025-2030) & (\$ millions)

Table 66. Americas Short Wavelength Infra-Red (SWIR) Sensors SalesForecast by Country (2025-2030) & (K Units)

Table 67. Americas Short Wavelength Infra-Red (SWIR) Sensors RevenueForecast by Country (2025-2030) & (\$ millions)

Table 68. APAC Short Wavelength Infra-Red (SWIR) Sensors SalesForecast by Region

(2025-2030) & (K Units)

Table 69. APAC Short Wavelength Infra-Red (SWIR) Sensors RevenueForecast by Region (2025-2030) & (\$ millions)

Table 70. Europe Short Wavelength Infra-Red (SWIR) Sensors SalesForecast by Country (2025-2030) & (K Units)

Table 71. Europe Short Wavelength Infra-Red (SWIR) Sensors RevenueForecast by Country (2025-2030) & (\$ millions)

Table 72. Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors SalesForecast by Country (2025-2030) & (K Units)

Table 73. Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors RevenueForecast by Country (2025-2030) & (\$ millions)

Table 74. Global Short Wavelength Infra-Red (SWIR) Sensors SalesForecast byType (2025-2030) & (K Units)

Table 75. Global Short Wavelength Infra-Red (SWIR) Sensors RevenueForecast byType (2025-2030) & (\$ Millions)

Table 76. Global Short Wavelength Infra-Red (SWIR) Sensors SalesForecast by Application (2025-2030) & (K Units)

Table 77. Global Short Wavelength Infra-Red (SWIR) Sensors RevenueForecast by Application (2025-2030) & (\$ Millions)

Table 78. Sony Basic Information, Short Wavelength Infra-Red (SWIR) Sensors Manufacturing Base, Sales Area and Its Competitors

Table 79. Sony Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

Table 80. Sony Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 81. Sony Main Business

Table 82. Sony Latest Developments

Table 83. Edmund Optics Basic Information, Short Wavelength Infra-Red (SWIR) Sensors Manufacturing Base, Sales Area and Its Competitors

Table 84. Edmund Optics Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

Table 85. Edmund Optics Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 86. Edmund Optics Main Business

Table 87. Edmund Optics Latest Developments

Table 88. SWIR Vision Systems Basic Information, Short Wavelength Infra-Red (SWIR) Sensors Manufacturing Base, Sales Area and Its Competitors

Table 89. SWIR Vision Systems Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

Table 90. SWIR Vision Systems Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 91. SWIR Vision Systems Main Business

Table 92. SWIR Vision Systems Latest Developments

Table 93. Teledyne Technologies Basic Information, Short Wavelength Infra-Red (SWIR) Sensors Manufacturing Base, Sales Area and Its Competitors

Table 94. Teledyne Technologies Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

Table 95. Teledyne Technologies Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 96. Teledyne Technologies Main Business

Table 97. Teledyne Technologies Latest Developments

Table 98. Rafael Advanced Defense Systems Ltd Basic Information, Short Wavelength Infra-Red (SWIR) Sensors Manufacturing Base, Sales Area and Its Competitors

Table 99. Rafael Advanced Defense Systems Ltd Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

Table 100. Rafael Advanced Defense Systems Ltd Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 101. Rafael Advanced Defense Systems Ltd Main Business

Table 102. Rafael Advanced Defense Systems Ltd Latest Developments

Table 103. Xenics Basic Information, Short Wavelength Infra-Red (SWIR) Sensors Manufacturing Base, Sales Area and Its Competitors

Table 104. Xenics Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

Table 105. Xenics Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 106. Xenics Main Business

Table 107. Xenics Latest Developments

Table 108. Hamamatsu Photonics Basic Information, Short Wavelength Infra-Red (SWIR) Sensors Manufacturing Base, Sales Area and Its Competitors

Table 109. Hamamatsu Photonics Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

Table 110. Hamamatsu Photonics Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 111. Hamamatsu Photonics Main Business

Table 112. Hamamatsu Photonics Latest Developments

Table 113. Axiom Optics Basic Information, Short Wavelength Infra-Red (SWIR) Sensors Manufacturing Base, Sales Area and Its Competitors

Table 114. Axiom Optics Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

Table 115. Axiom Optics Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 116. Axiom Optics Main Business

Table 117. Axiom Optics Latest Developments

Table 118. Pembroke Instruments Basic Information, Short Wavelength Infra-Red (SWIR) Sensors Manufacturing Base, Sales Area and Its Competitors

Table 119. Pembroke Instruments Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

Table 120. Pembroke Instruments Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 121. Pembroke Instruments Main Business

Table 122. Pembroke Instruments Latest Developments

Table 123. Ghopto Basic Information, Short Wavelength Infra-Red (SWIR) Sensors Manufacturing Base, Sales Area and Its Competitors

Table 124. Ghopto Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

Table 125. Ghopto Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 126. Ghopto Main Business

Table 127. Ghopto Latest Developments

Table 128. FLIR Systems Basic Information, Short Wavelength Infra-Red (SWIR) Sensors Manufacturing Base, Sales Area and Its Competitors

Table 129. FLIR Systems Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

Table 130. FLIR Systems Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 131. FLIR Systems Main Business

Table 132. FLIR Systems Latest Developments

Table 133. Allied Vision Basic Information, Short Wavelength Infra-Red (SWIR) Sensors Manufacturing Base, Sales Area and Its Competitors

Table 134. Allied Vision Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

Table 135. Allied Vision Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 136. Allied Vision Main Business

Table 137. Allied Vision Latest Developments

Table 138. Corning Inc. Basic Information, Short Wavelength Infra-Red (SWIR) Sensors

Manufacturing Base, Sales Area and Its Competitors

Table 139. Corning Inc. Short Wavelength Infra-Red (SWIR) Sensors Product Portfolios and Specifications

Table 140. Corning Inc. Short Wavelength Infra-Red (SWIR) Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 141. Corning Inc. Main Business

Table 142. Corning Inc. Latest Developments

LIST OFFIGURES

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

Figure 2. Short Wavelength Infra-Red (SWIR) Sensors Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Growth Rate 2019-2030 (K Units)

Figure 7. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth Rate 2019-2030 (\$ Millions)

Figure 8. Short Wavelength Infra-Red (SWIR) Sensors Sales by Region (2019, 2023 & 2030) & (\$ Millions)

Figure 9. Product Picture of Line-scan

Figure 10. Product Picture of Area-scan

Figure 11. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share byType in 2023

Figure 12. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue Market Share byType (2019-2024)

Figure 13. Short Wavelength Infra-Red (SWIR) Sensors Consumed in Small Animal Imaging

Figure 14. Global Short Wavelength Infra-Red (SWIR) Sensors Market: Small Animal Imaging (2019-2024) & (K Units)

Figure 15. Short Wavelength Infra-Red (SWIR) Sensors Consumed in National Defense & Security

Figure 16. Global Short Wavelength Infra-Red (SWIR) Sensors Market: National Defense & Security (2019-2024) & (K Units)

Figure 17. Short Wavelength Infra-Red (SWIR) Sensors Consumed in Semiconductor & Solar Cell Inspection

Figure 18. Global Short Wavelength Infra-Red (SWIR) Sensors Market: Semiconductor & Solar Cell Inspection (2019-2024) & (K Units)

- Figure 19. Short Wavelength Infra-Red (SWIR) Sensors Consumed in Laser Welding/Laser Additive Manufacturing
- Figure 20. Global Short Wavelength Infra-Red (SWIR) Sensors Market: Laser Welding/Laser Additive Manufacturing (2019-2024) & (K Units)
- Figure 21. Short Wavelength Infra-Red (SWIR) Sensors Consumed in Laser Beam Profiling
- Figure 22. Global Short Wavelength Infra-Red (SWIR) Sensors Market: Laser Beam Profiling (2019-2024) & (K Units)
- Figure 23. Short Wavelength Infra-Red (SWIR) Sensors Consumed in Astronomy
- Figure 24. Global Short Wavelength Infra-Red (SWIR) Sensors Market: Astronomy (2019-2024) & (K Units)
- Figure 25. Short Wavelength Infra-Red (SWIR) Sensors Consumed in Carbon Nanotubes Imaging
- Figure 26. Global Short Wavelength Infra-Red (SWIR) Sensors Market: Carbon Nanotubes Imaging (2019-2024) & (K Units)
- Figure 27. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Application (2023)
- Figure 28. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue Market Share by Application in 2023
- Figure 29. Short Wavelength Infra-Red (SWIR) Sensors Sales Market by Company in 2023 (K Units)
- Figure 30. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Company in 2023
- Figure 31. Short Wavelength Infra-Red (SWIR) Sensors Revenue Market by Company in 2023 (\$ Million)
- Figure 32. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue Market Share by Company in 2023
- Figure 33. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Geographic Region (2019-2024)
- Figure 34. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue Market Share by Geographic Region in 2023
- Figure 35. Americas Short Wavelength Infra-Red (SWIR) Sensors Sales 2019-2024 (K Units)
- Figure 36. Americas Short Wavelength Infra-Red (SWIR) Sensors Revenue 2019-2024 (\$ Millions)
- Figure 37. APAC Short Wavelength Infra-Red (SWIR) Sensors Sales 2019-2024 (K Units)
- Figure 38. APAC Short Wavelength Infra-Red (SWIR) Sensors Revenue 2019-2024 (\$ Millions)

Figure 39. Europe Short Wavelength Infra-Red (SWIR) Sensors Sales 2019-2024 (K Units)

Figure 40. Europe Short Wavelength Infra-Red (SWIR) Sensors Revenue 2019-2024 (\$ Millions)

Figure 41. Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors Sales 2019-2024 (K Units)

Figure 42. Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors Revenue 2019-2024 (\$ Millions)

Figure 43. Americas Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Country in 2023

Figure 44. Americas Short Wavelength Infra-Red (SWIR) Sensors Revenue Market Share by Country in 2023

Figure 45. Americas Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share byType (2019-2024)

Figure 46. Americas Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Application (2019-2024)

Figure 47. United States Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 48. Canada Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 49. Mexico Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 50. Brazil Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 51. APAC Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Region in 2023

Figure 52. APAC Short Wavelength Infra-Red (SWIR) Sensors Revenue Market Share by Regions in 2023

Figure 53. APAC Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share byType (2019-2024)

Figure 54. APAC Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Application (2019-2024)

Figure 55. China Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 56. Japan Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 57. South Korea Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 58. Southeast Asia Short Wavelength Infra-Red (SWIR) Sensors Revenue

Growth 2019-2024 (\$ Millions)

Figure 59. India Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 60. Australia Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 61. ChinaTaiwan Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 62. Europe Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Country in 2023

Figure 63. Europe Short Wavelength Infra-Red (SWIR) Sensors Revenue Market Share by Country in 2023

Figure 64. Europe Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share byType (2019-2024)

Figure 65. Europe Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Application (2019-2024)

Figure 66. Germany Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 67. France Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 68. UK Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 69. Italy Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 70. Russia Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 71. Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Country in 2023

Figure 72. Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors Revenue Market Share by Country in 2023

Figure 73. Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share byType (2019-2024)

Figure 74. Middle East & Africa Short Wavelength Infra-Red (SWIR) Sensors Sales Market Share by Application (2019-2024)

Figure 75. Egypt Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 76. South Africa Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 77. Israel Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 78. Turkey Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 79. GCC Country Short Wavelength Infra-Red (SWIR) Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 80. Manufacturing Cost Structure Analysis of Short Wavelength Infra-Red (SWIR) Sensors in 2023

Figure 81. Manufacturing Process Analysis of Short Wavelength Infra-Red (SWIR) Sensors

Figure 82. Industry Chain Structure of Short Wavelength Infra-Red (SWIR) Sensors

Figure 83. Channels of Distribution

Figure 84. Global Short Wavelength Infra-Red (SWIR) Sensors Sales MarketForecast by Region (2025-2030)

Figure 85. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue Market ShareForecast by Region (2025-2030)

Figure 86. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market ShareForecast byType (2025-2030)

Figure 87. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue Market ShareForecast byType (2025-2030)

Figure 88. Global Short Wavelength Infra-Red (SWIR) Sensors Sales Market ShareForecast by Application (2025-2030)

Figure 89. Global Short Wavelength Infra-Red (SWIR) Sensors Revenue Market ShareForecast by Application (2025-2030)

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