

Global SWIR Imaging Cameras Market Growth 2025-2031

<https://marketpublishers.com/r/G2AA741B15C9EN.html>

Date: April 2025

Pages: 137

Price: US\$ 3,660.00 (Single User License)

ID: G2AA741B15C9EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The global SWIR Imaging Cameras market size is predicted to grow from US\$ 205 million in 2025 to US\$ 307 million in 2031; it is expected to grow at a CAGR of 7.0% from 2025 to 2031.

SWIR imaging cameras cover the wavelength range from 900nm to 1700nm. SWIR is similar to visible light in that photons are reflected or absorbed by objects, providing the strong contrast needed for higher resolution imaging. A large number of applications that are difficult or impossible to perform using visible light have achieved great results using short-wave infrared (SWIR) imaging. Shortwave Infrared Imaging (SWIR) is an advanced technology used to generate images from radiation in regions of the electromagnetic spectrum that are invisible to the naked eye. At the same time, short-wave infrared imaging cameras can image through glass.

SWIR imaging with InGaAs-based sensors is ideal for non-destructive inspection of objects and their structures, coatings, and other features. SWIR images are starting to gain more and more importance in industrial machine vision for quality assessment. Commonly referred to as near-infrared (NIR) imagers, SWIR imagers can see objects and events that visual and thermal cameras cannot. They are smaller, lighter and cost much less than all other thermal imaging cameras. SWIR imaging cameras open up a wide range of possibilities for computer vision applications, as they can identify unseen component defects as well as desired properties. For example, during the bottle production phase, SWIR InGaAs cameras enable internal and external inspection of glass bottles. With the ability to thermally image hot objects between 250°C and 800°C, these cameras can monitor the temperature uniformity and cooling rate of the

glass. As a result, manufacturers are able to continuously track output to optimize yield and efficiency. Growing demand for SWIR cameras for security and surveillance activities in military and defense vertical is one of the major factors driving the growth of this market. These cameras are used for research purposes in numerous fields such as semiconductor production, nanotechnology and life sciences as well as research and low energy technology. Furthermore, the deployment of SWIR cameras for defense applications has had a significant impact on the industry. Growing demand for these cameras in control and inspection applications is also expected to drive the market. They can display higher-resolution images through pictures and exhibit excellent performance even in clouds, rain and other harsh atmospheric environments.

LP Information, Inc. (LPI) ' newest research report, the "SWIR Imaging Cameras Industry Forecast" looks at past sales and reviews total world SWIR Imaging Cameras sales in 2024, providing a comprehensive analysis by region and market sector of projected SWIR Imaging Cameras sales for 2025 through 2031. With SWIR Imaging Cameras sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world SWIR Imaging Cameras industry.

This Insight Report provides a comprehensive analysis of the global SWIR Imaging Cameras landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on SWIR Imaging Cameras portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global SWIR Imaging Cameras market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for SWIR Imaging Cameras and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global SWIR Imaging Cameras.

This report presents a comprehensive overview, market shares, and growth opportunities of SWIR Imaging Cameras market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

SWIR Area Scan Camera

SWIR Line Scan Camera

Segmentation by Application:

Industrial Applications

Military

Aerospace

Others

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 analysing the company's coverage, product portfolio, its market penetration.

Xenics

FLIR Systems

Hamamatsu Photonics

Sensors Unlimited

Teledyne Technologies

Allied Vision Technologies

Raptor Photonics

Chromasens

IRCameras

New Imaging Technologies

First Light

JAI

Infiniti Electro-Optics

SWIR Vision Systems

Photonic Science

Pembroke Instruments

Guohui Optoelectronic

Key Questions Addressed in this Report

What is the 10-year outlook for the global SWIR Imaging Cameras market?

What factors are driving SWIR Imaging Cameras market growth, globally and by region?

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

How do SWIR Imaging Cameras market opportunities vary by end market size?

How does SWIR Imaging Cameras break out by Type, by 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 SWIR Imaging Cameras Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for SWIR Imaging Cameras by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for SWIR Imaging Cameras by Country/Region, 2020, 2024 & 2031
- 2.2 SWIR Imaging Cameras Segment by Type
 - 2.2.1 SWIR Area Scan Camera
 - 2.2.2 SWIR Line Scan Camera
- 2.3 SWIR Imaging Cameras Sales by Type
 - 2.3.1 Global SWIR Imaging Cameras Sales Market Share by Type (2020-2025)
 - 2.3.2 Global SWIR Imaging Cameras Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global SWIR Imaging Cameras Sale Price by Type (2020-2025)
- 2.4 SWIR Imaging Cameras Segment by Application
 - 2.4.1 Industrial Applications
 - 2.4.2 Military
 - 2.4.3 Aerospace
 - 2.4.4 Others
- 2.5 SWIR Imaging Cameras Sales by Application
 - 2.5.1 Global SWIR Imaging Cameras Sale Market Share by Application (2020-2025)
 - 2.5.2 Global SWIR Imaging Cameras Revenue and Market Share by Application (2020-2025)
 - 2.5.3 Global SWIR Imaging Cameras Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

- 3.1 Global SWIR Imaging Cameras Breakdown Data by Company
 - 3.1.1 Global SWIR Imaging Cameras Annual Sales by Company (2020-2025)
 - 3.1.2 Global SWIR Imaging Cameras Sales Market Share by Company (2020-2025)
- 3.2 Global SWIR Imaging Cameras Annual Revenue by Company (2020-2025)
 - 3.2.1 Global SWIR Imaging Cameras Revenue by Company (2020-2025)
 - 3.2.2 Global SWIR Imaging Cameras Revenue Market Share by Company (2020-2025)
- 3.3 Global SWIR Imaging Cameras Sale Price by Company
- 3.4 Key Manufacturers SWIR Imaging Cameras Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers SWIR Imaging Cameras Product Location Distribution
 - 3.4.2 Players SWIR Imaging Cameras Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR SWIR IMAGING CAMERAS BY GEOGRAPHIC REGION

- 4.1 World Historic SWIR Imaging Cameras Market Size by Geographic Region (2020-2025)
 - 4.1.1 Global SWIR Imaging Cameras Annual Sales by Geographic Region (2020-2025)
 - 4.1.2 Global SWIR Imaging Cameras Annual Revenue by Geographic Region (2020-2025)
- 4.2 World Historic SWIR Imaging Cameras Market Size by Country/Region (2020-2025)
 - 4.2.1 Global SWIR Imaging Cameras Annual Sales by Country/Region (2020-2025)
 - 4.2.2 Global SWIR Imaging Cameras Annual Revenue by Country/Region (2020-2025)
- 4.3 Americas SWIR Imaging Cameras Sales Growth
- 4.4 APAC SWIR Imaging Cameras Sales Growth
- 4.5 Europe SWIR Imaging Cameras Sales Growth
- 4.6 Middle East & Africa SWIR Imaging Cameras Sales Growth

5 AMERICAS

5.1 Americas SWIR Imaging Cameras Sales by Country

5.1.1 Americas SWIR Imaging Cameras Sales by Country (2020-2025)

5.1.2 Americas SWIR Imaging Cameras Revenue by Country (2020-2025)

5.2 Americas SWIR Imaging Cameras Sales by Type (2020-2025)

5.3 Americas SWIR Imaging Cameras Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC SWIR Imaging Cameras Sales by Region

6.1.1 APAC SWIR Imaging Cameras Sales by Region (2020-2025)

6.1.2 APAC SWIR Imaging Cameras Revenue by Region (2020-2025)

6.2 APAC SWIR Imaging Cameras Sales by Type (2020-2025)

6.3 APAC SWIR Imaging Cameras Sales by Application (2020-2025)

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 SWIR Imaging Cameras by Country

7.1.1 Europe SWIR Imaging Cameras Sales by Country (2020-2025)

7.1.2 Europe SWIR Imaging Cameras Revenue by Country (2020-2025)

7.2 Europe SWIR Imaging Cameras Sales by Type (2020-2025)

7.3 Europe SWIR Imaging Cameras Sales by Application (2020-2025)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa SWIR Imaging Cameras by Country

8.1.1 Middle East & Africa SWIR Imaging Cameras Sales by Country (2020-2025)

8.1.2 Middle East & Africa SWIR Imaging Cameras Revenue by Country (2020-2025)

8.2 Middle East & Africa SWIR Imaging Cameras Sales by Type (2020-2025)

8.3 Middle East & Africa SWIR Imaging Cameras Sales by Application (2020-2025)

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 SWIR Imaging Cameras

10.3 Manufacturing Process Analysis of SWIR Imaging Cameras

10.4 Industry Chain Structure of SWIR Imaging Cameras

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 SWIR Imaging Cameras Distributors

11.3 SWIR Imaging Cameras Customer

12 WORLD FORECAST REVIEW FOR SWIR IMAGING CAMERAS BY GEOGRAPHIC REGION

12.1 Global SWIR Imaging Cameras Market Size Forecast by Region

12.1.1 Global SWIR Imaging Cameras Forecast by Region (2026-2031)

12.1.2 Global SWIR Imaging Cameras Annual Revenue Forecast by Region (2026-2031)

12.2 Americas Forecast by Country (2026-2031)

12.3 APAC Forecast by Region (2026-2031)

12.4 Europe Forecast by Country (2026-2031)

12.5 Middle East & Africa Forecast by Country (2026-2031)

12.6 Global SWIR Imaging Cameras Forecast by Type (2026-2031)

12.7 Global SWIR Imaging Cameras Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Xenics

13.1.1 Xenics Company Information

13.1.2 Xenics SWIR Imaging Cameras Product Portfolios and Specifications

13.1.3 Xenics SWIR Imaging Cameras Sales, Revenue, Price and Gross Margin (2020-2025)

13.1.4 Xenics Main Business Overview

13.1.5 Xenics Latest Developments

13.2 FLIR Systems

13.2.1 FLIR Systems Company Information

13.2.2 FLIR Systems SWIR Imaging Cameras Product Portfolios and Specifications

13.2.3 FLIR Systems SWIR Imaging Cameras Sales, Revenue, Price and Gross Margin (2020-2025)

13.2.4 FLIR Systems Main Business Overview

13.2.5 FLIR Systems Latest Developments

13.3 Hamamatsu Photonics

13.3.1 Hamamatsu Photonics Company Information

13.3.2 Hamamatsu Photonics SWIR Imaging Cameras Product Portfolios and Specifications

13.3.3 Hamamatsu Photonics SWIR Imaging Cameras Sales, Revenue, Price and Gross Margin (2020-2025)

13.3.4 Hamamatsu Photonics Main Business Overview

13.3.5 Hamamatsu Photonics Latest Developments

13.4 Sensors Unlimited

13.4.1 Sensors Unlimited Company Information

13.4.2 Sensors Unlimited SWIR Imaging Cameras Product Portfolios and Specifications

13.4.3 Sensors Unlimited SWIR Imaging Cameras Sales, Revenue, Price and Gross Margin (2020-2025)

- 13.4.4 Sensors Unlimited Main Business Overview
- 13.4.5 Sensors Unlimited Latest Developments
- 13.5 Teledyne Technologies
 - 13.5.1 Teledyne Technologies Company Information
 - 13.5.2 Teledyne Technologies SWIR Imaging Cameras Product Portfolios and Specifications
 - 13.5.3 Teledyne Technologies SWIR Imaging Cameras Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.5.4 Teledyne Technologies Main Business Overview
 - 13.5.5 Teledyne Technologies Latest Developments
- 13.6 Allied Vision Technologies
 - 13.6.1 Allied Vision Technologies Company Information
 - 13.6.2 Allied Vision Technologies SWIR Imaging Cameras Product Portfolios and Specifications
 - 13.6.3 Allied Vision Technologies SWIR Imaging Cameras Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.6.4 Allied Vision Technologies Main Business Overview
 - 13.6.5 Allied Vision Technologies Latest Developments
- 13.7 Raptor Photonics
 - 13.7.1 Raptor Photonics Company Information
 - 13.7.2 Raptor Photonics SWIR Imaging Cameras Product Portfolios and Specifications
 - 13.7.3 Raptor Photonics SWIR Imaging Cameras Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.7.4 Raptor Photonics Main Business Overview
 - 13.7.5 Raptor Photonics Latest Developments
- 13.8 Chromasens
 - 13.8.1 Chromasens Company Information
 - 13.8.2 Chromasens SWIR Imaging Cameras Product Portfolios and Specifications
 - 13.8.3 Chromasens SWIR Imaging Cameras Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.8.4 Chromasens Main Business Overview
 - 13.8.5 Chromasens Latest Developments
- 13.9 IRCameras
 - 13.9.1 IRCameras Company Information
 - 13.9.2 IRCameras SWIR Imaging Cameras Product Portfolios and Specifications
 - 13.9.3 IRCameras SWIR Imaging Cameras Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.9.4 IRCameras Main Business Overview
 - 13.9.5 IRCameras Latest Developments

13.10 New Imaging Technologies

13.10.1 New Imaging Technologies Company Information

13.10.2 New Imaging Technologies SWIR Imaging Cameras Product Portfolios and Specifications

13.10.3 New Imaging Technologies SWIR Imaging Cameras Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 New Imaging Technologies Main Business Overview

13.10.5 New Imaging Technologies Latest Developments

13.11 First Light

13.11.1 First Light Company Information

13.11.2 First Light SWIR Imaging Cameras Product Portfolios and Specifications

13.11.3 First Light SWIR Imaging Cameras Sales, Revenue, Price and Gross Margin (2020-2025)

13.11.4 First Light Main Business Overview

13.11.5 First Light Latest Developments

13.12 JAI

13.12.1 JAI Company Information

13.12.2 JAI SWIR Imaging Cameras Product Portfolios and Specifications

13.12.3 JAI SWIR Imaging Cameras Sales, Revenue, Price and Gross Margin (2020-2025)

13.12.4 JAI Main Business Overview

13.12.5 JAI Latest Developments

13.13 Infiniti Electro-Optics

13.13.1 Infiniti Electro-Optics Company Information

13.13.2 Infiniti Electro-Optics SWIR Imaging Cameras Product Portfolios and Specifications

13.13.3 Infiniti Electro-Optics SWIR Imaging Cameras Sales, Revenue, Price and Gross Margin (2020-2025)

13.13.4 Infiniti Electro-Optics Main Business Overview

13.13.5 Infiniti Electro-Optics Latest Developments

13.14 SWIR Vision Systems

13.14.1 SWIR Vision Systems Company Information

13.14.2 SWIR Vision Systems SWIR Imaging Cameras Product Portfolios and Specifications

13.14.3 SWIR Vision Systems SWIR Imaging Cameras Sales, Revenue, Price and Gross Margin (2020-2025)

13.14.4 SWIR Vision Systems Main Business Overview

13.14.5 SWIR Vision Systems Latest Developments

13.15 Photonic Science

- 13.15.1 Photonic Science Company Information
- 13.15.2 Photonic Science SWIR Imaging Cameras Product Portfolios and Specifications
- 13.15.3 Photonic Science SWIR Imaging Cameras Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.15.4 Photonic Science Main Business Overview
- 13.15.5 Photonic Science Latest Developments
- 13.16 Pembroke Instruments
 - 13.16.1 Pembroke Instruments Company Information
 - 13.16.2 Pembroke Instruments SWIR Imaging Cameras Product Portfolios and Specifications
 - 13.16.3 Pembroke Instruments SWIR Imaging Cameras Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.16.4 Pembroke Instruments Main Business Overview
 - 13.16.5 Pembroke Instruments Latest Developments
- 13.17 Guohui Optoelectronic
 - 13.17.1 Guohui Optoelectronic Company Information
 - 13.17.2 Guohui Optoelectronic SWIR Imaging Cameras Product Portfolios and Specifications
 - 13.17.3 Guohui Optoelectronic SWIR Imaging Cameras Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.17.4 Guohui Optoelectronic Main Business Overview
 - 13.17.5 Guohui Optoelectronic Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. SWIR Imaging Cameras Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. SWIR Imaging Cameras Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of SWIR Area Scan Camera

Table 4. Major Players of SWIR Line Scan Camera

Table 5. Global SWIR Imaging Cameras Sales by Type (2020-2025) & (K Units)

Table 6. Global SWIR Imaging Cameras Sales Market Share by Type (2020-2025)

Table 7. Global SWIR Imaging Cameras Revenue by Type (2020-2025) & (\$ million)

Table 8. Global SWIR Imaging Cameras Revenue Market Share by Type (2020-2025)

Table 9. Global SWIR Imaging Cameras Sale Price by Type (2020-2025) & (US\$/Unit)

Table 10. Global SWIR Imaging Cameras Sale by Application (2020-2025) & (K Units)

Table 11. Global SWIR Imaging Cameras Sale Market Share by Application (2020-2025)

Table 12. Global SWIR Imaging Cameras Revenue by Application (2020-2025) & (\$ million)

Table 13. Global SWIR Imaging Cameras Revenue Market Share by Application (2020-2025)

Table 14. Global SWIR Imaging Cameras Sale Price by Application (2020-2025) & (US\$/Unit)

Table 15. Global SWIR Imaging Cameras Sales by Company (2020-2025) & (K Units)

Table 16. Global SWIR Imaging Cameras Sales Market Share by Company (2020-2025)

Table 17. Global SWIR Imaging Cameras Revenue by Company (2020-2025) & (\$ millions)

Table 18. Global SWIR Imaging Cameras Revenue Market Share by Company (2020-2025)

Table 19. Global SWIR Imaging Cameras Sale Price by Company (2020-2025) & (US\$/Unit)

Table 20. Key Manufacturers SWIR Imaging Cameras Producing Area Distribution and Sales Area

Table 21. Players SWIR Imaging Cameras Products Offered

Table 22. SWIR Imaging Cameras Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global SWIR Imaging Cameras Sales by Geographic Region (2020-2025) & (K Units)

Table 26. Global SWIR Imaging Cameras Sales Market Share Geographic Region (2020-2025)

Table 27. Global SWIR Imaging Cameras Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 28. Global SWIR Imaging Cameras Revenue Market Share by Geographic Region (2020-2025)

Table 29. Global SWIR Imaging Cameras Sales by Country/Region (2020-2025) & (K Units)

Table 30. Global SWIR Imaging Cameras Sales Market Share by Country/Region (2020-2025)

Table 31. Global SWIR Imaging Cameras Revenue by Country/Region (2020-2025) & (\$ millions)

Table 32. Global SWIR Imaging Cameras Revenue Market Share by Country/Region (2020-2025)

Table 33. Americas SWIR Imaging Cameras Sales by Country (2020-2025) & (K Units)

Table 34. Americas SWIR Imaging Cameras Sales Market Share by Country (2020-2025)

Table 35. Americas SWIR Imaging Cameras Revenue by Country (2020-2025) & (\$ millions)

Table 36. Americas SWIR Imaging Cameras Sales by Type (2020-2025) & (K Units)

Table 37. Americas SWIR Imaging Cameras Sales by Application (2020-2025) & (K Units)

Table 38. APAC SWIR Imaging Cameras Sales by Region (2020-2025) & (K Units)

Table 39. APAC SWIR Imaging Cameras Sales Market Share by Region (2020-2025)

Table 40. APAC SWIR Imaging Cameras Revenue by Region (2020-2025) & (\$ millions)

Table 41. APAC SWIR Imaging Cameras Sales by Type (2020-2025) & (K Units)

Table 42. APAC SWIR Imaging Cameras Sales by Application (2020-2025) & (K Units)

Table 43. Europe SWIR Imaging Cameras Sales by Country (2020-2025) & (K Units)

Table 44. Europe SWIR Imaging Cameras Revenue by Country (2020-2025) & (\$ millions)

Table 45. Europe SWIR Imaging Cameras Sales by Type (2020-2025) & (K Units)

Table 46. Europe SWIR Imaging Cameras Sales by Application (2020-2025) & (K Units)

Table 47. Middle East & Africa SWIR Imaging Cameras Sales by Country (2020-2025) & (K Units)

Table 48. Middle East & Africa SWIR Imaging Cameras Revenue Market Share by

Country (2020-2025)

Table 49. Middle East & Africa SWIR Imaging Cameras Sales by Type (2020-2025) & (K Units)

Table 50. Middle East & Africa SWIR Imaging Cameras Sales by Application (2020-2025) & (K Units)

Table 51. Key Market Drivers & Growth Opportunities of SWIR Imaging Cameras

Table 52. Key Market Challenges & Risks of SWIR Imaging Cameras

Table 53. Key Industry Trends of SWIR Imaging Cameras

Table 54. SWIR Imaging Cameras Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. SWIR Imaging Cameras Distributors List

Table 57. SWIR Imaging Cameras Customer List

Table 58. Global SWIR Imaging Cameras Sales Forecast by Region (2026-2031) & (K Units)

Table 59. Global SWIR Imaging Cameras Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 60. Americas SWIR Imaging Cameras Sales Forecast by Country (2026-2031) & (K Units)

Table 61. Americas SWIR Imaging Cameras Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 62. APAC SWIR Imaging Cameras Sales Forecast by Region (2026-2031) & (K Units)

Table 63. APAC SWIR Imaging Cameras Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 64. Europe SWIR Imaging Cameras Sales Forecast by Country (2026-2031) & (K Units)

Table 65. Europe SWIR Imaging Cameras Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 66. Middle East & Africa SWIR Imaging Cameras Sales Forecast by Country (2026-2031) & (K Units)

Table 67. Middle East & Africa SWIR Imaging Cameras Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 68. Global SWIR Imaging Cameras Sales Forecast by Type (2026-2031) & (K Units)

Table 69. Global SWIR Imaging Cameras Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 70. Global SWIR Imaging Cameras Sales Forecast by Application (2026-2031) & (K Units)

Table 71. Global SWIR Imaging Cameras Revenue Forecast by Application

(2026-2031) & (\$ millions)

Table 72. Xenics Basic Information, SWIR Imaging Cameras Manufacturing Base, Sales Area and Its Competitors

Table 73. Xenics SWIR Imaging Cameras Product Portfolios and Specifications

Table 74. Xenics SWIR Imaging Cameras Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 75. Xenics Main Business

Table 76. Xenics Latest Developments

Table 77. FLIR Systems Basic Information, SWIR Imaging Cameras Manufacturing Base, Sales Area and Its Competitors

Table 78. FLIR Systems SWIR Imaging Cameras Product Portfolios and Specifications

Table 79. FLIR Systems SWIR Imaging Cameras Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 80. FLIR Systems Main Business

Table 81. FLIR Systems Latest Developments

Table 82. Hamamatsu Photonics Basic Information, SWIR Imaging Cameras Manufacturing Base, Sales Area and Its Competitors

Table 83. Hamamatsu Photonics SWIR Imaging Cameras Product Portfolios and Specifications

Table 84. Hamamatsu Photonics SWIR Imaging Cameras Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 85. Hamamatsu Photonics Main Business

Table 86. Hamamatsu Photonics Latest Developments

Table 87. Sensors Unlimited Basic Information, SWIR Imaging Cameras Manufacturing Base, Sales Area and Its Competitors

Table 88. Sensors Unlimited SWIR Imaging Cameras Product Portfolios and Specifications

Table 89. Sensors Unlimited SWIR Imaging Cameras Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 90. Sensors Unlimited Main Business

Table 91. Sensors Unlimited Latest Developments

Table 92. Teledyne Technologies Basic Information, SWIR Imaging Cameras Manufacturing Base, Sales Area and Its Competitors

Table 93. Teledyne Technologies SWIR Imaging Cameras Product Portfolios and Specifications

Table 94. Teledyne Technologies SWIR Imaging Cameras Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 95. Teledyne Technologies Main Business

Table 96. Teledyne Technologies Latest Developments

Table 97. Allied Vision Technologies Basic Information, SWIR Imaging Cameras Manufacturing Base, Sales Area and Its Competitors

Table 98. Allied Vision Technologies SWIR Imaging Cameras Product Portfolios and Specifications

Table 99. Allied Vision Technologies SWIR Imaging Cameras Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 100. Allied Vision Technologies Main Business

Table 101. Allied Vision Technologies Latest Developments

Table 102. Raptor Photonics Basic Information, SWIR Imaging Cameras Manufacturing Base, Sales Area and Its Competitors

Table 103. Raptor Photonics SWIR Imaging Cameras Product Portfolios and Specifications

Table 104. Raptor Photonics SWIR Imaging Cameras Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 105. Raptor Photonics Main Business

Table 106. Raptor Photonics Latest Developments

Table 107. Chromasens Basic Information, SWIR Imaging Cameras Manufacturing Base, Sales Area and Its Competitors

Table 108. Chromasens SWIR Imaging Cameras Product Portfolios and Specifications

Table 109. Chromasens SWIR Imaging Cameras Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 110. Chromasens Main Business

Table 111. Chromasens Latest Developments

Table 112. IRCameras Basic Information, SWIR Imaging Cameras Manufacturing Base, Sales Area and Its Competitors

Table 113. IRCameras SWIR Imaging Cameras Product Portfolios and Specifications

Table 114. IRCameras SWIR Imaging Cameras Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 115. IRCameras Main Business

Table 116. IRCameras Latest Developments

Table 117. New Imaging Technologies Basic Information, SWIR Imaging Cameras Manufacturing Base, Sales Area and Its Competitors

Table 118. New Imaging Technologies SWIR Imaging Cameras Product Portfolios and Specifications

Table 119. New Imaging Technologies SWIR Imaging Cameras Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 120. New Imaging Technologies Main Business

Table 121. New Imaging Technologies Latest Developments

Table 122. First Light Basic Information, SWIR Imaging Cameras Manufacturing Base,

Sales Area and Its Competitors

Table 123. First Light SWIR Imaging Cameras Product Portfolios and Specifications

Table 124. First Light SWIR Imaging Cameras Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 125. First Light Main Business

Table 126. First Light Latest Developments

Table 127. JAI Basic Information, SWIR Imaging Cameras Manufacturing Base, Sales Area and Its Competitors

Table 128. JAI SWIR Imaging Cameras Product Portfolios and Specifications

Table 129. JAI SWIR Imaging Cameras Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 130. JAI Main Business

Table 131. JAI Latest Developments

Table 132. Infiniti Electro-Optics Basic Information, SWIR Imaging Cameras Manufacturing Base, Sales Area and Its Competitors

Table 133. Infiniti Electro-Optics SWIR Imaging Cameras Product Portfolios and Specifications

Table 134. Infiniti Electro-Optics SWIR Imaging Cameras Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 135. Infiniti Electro-Optics Main Business

Table 136. Infiniti Electro-Optics Latest Developments

Table 137. SWIR Vision Systems Basic Information, SWIR Imaging Cameras Manufacturing Base, Sales Area and Its Competitors

Table 138. SWIR Vision Systems SWIR Imaging Cameras Product Portfolios and Specifications

Table 139. SWIR Vision Systems SWIR Imaging Cameras Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 140. SWIR Vision Systems Main Business

Table 141. SWIR Vision Systems Latest Developments

Table 142. Photonic Science Basic Information, SWIR Imaging Cameras Manufacturing Base, Sales Area and Its Competitors

Table 143. Photonic Science SWIR Imaging Cameras Product Portfolios and Specifications

Table 144. Photonic Science SWIR Imaging Cameras Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 145. Photonic Science Main Business

Table 146. Photonic Science Latest Developments

Table 147. Pembroke Instruments Basic Information, SWIR Imaging Cameras Manufacturing Base, Sales Area and Its Competitors

Table 148. Pembroke Instruments SWIR Imaging Cameras Product Portfolios and Specifications

Table 149. Pembroke Instruments SWIR Imaging Cameras Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 150. Pembroke Instruments Main Business

Table 151. Pembroke Instruments Latest Developments

Table 152. Guohui Optoelectronic Basic Information, SWIR Imaging Cameras Manufacturing Base, Sales Area and Its Competitors

Table 153. Guohui Optoelectronic SWIR Imaging Cameras Product Portfolios and Specifications

Table 154. Guohui Optoelectronic SWIR Imaging Cameras Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 155. Guohui Optoelectronic Main Business

Table 156. Guohui Optoelectronic Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of SWIR Imaging Cameras
- Figure 2. SWIR Imaging Cameras Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global SWIR Imaging Cameras Sales Growth Rate 2020-2031 (K Units)
- Figure 7. Global SWIR Imaging Cameras Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. SWIR Imaging Cameras Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. SWIR Imaging Cameras Sales Market Share by Country/Region (2024)
- Figure 10. SWIR Imaging Cameras Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of SWIR Area Scan Camera
- Figure 12. Product Picture of SWIR Line Scan Camera
- Figure 13. Global SWIR Imaging Cameras Sales Market Share by Type in 2025
- Figure 14. Global SWIR Imaging Cameras Revenue Market Share by Type (2020-2025)
- Figure 15. SWIR Imaging Cameras Consumed in Industrial Applications
- Figure 16. Global SWIR Imaging Cameras Market: Industrial Applications (2020-2025) & (K Units)
- Figure 17. SWIR Imaging Cameras Consumed in Military
- Figure 18. Global SWIR Imaging Cameras Market: Military (2020-2025) & (K Units)
- Figure 19. SWIR Imaging Cameras Consumed in Aerospace
- Figure 20. Global SWIR Imaging Cameras Market: Aerospace (2020-2025) & (K Units)
- Figure 21. SWIR Imaging Cameras Consumed in Others
- Figure 22. Global SWIR Imaging Cameras Market: Others (2020-2025) & (K Units)
- Figure 23. Global SWIR Imaging Cameras Sale Market Share by Application (2024)
- Figure 24. Global SWIR Imaging Cameras Revenue Market Share by Application in 2025
- Figure 25. SWIR Imaging Cameras Sales by Company in 2025 (K Units)
- Figure 26. Global SWIR Imaging Cameras Sales Market Share by Company in 2025
- Figure 27. SWIR Imaging Cameras Revenue by Company in 2025 (\$ millions)
- Figure 28. Global SWIR Imaging Cameras Revenue Market Share by Company in 2025
- Figure 29. Global SWIR Imaging Cameras Sales Market Share by Geographic Region (2020-2025)
- Figure 30. Global SWIR Imaging Cameras Revenue Market Share by Geographic

Region in 2025

Figure 31. Americas SWIR Imaging Cameras Sales 2020-2025 (K Units)

Figure 32. Americas SWIR Imaging Cameras Revenue 2020-2025 (\$ millions)

Figure 33. APAC SWIR Imaging Cameras Sales 2020-2025 (K Units)

Figure 34. APAC SWIR Imaging Cameras Revenue 2020-2025 (\$ millions)

Figure 35. Europe SWIR Imaging Cameras Sales 2020-2025 (K Units)

Figure 36. Europe SWIR Imaging Cameras Revenue 2020-2025 (\$ millions)

Figure 37. Middle East & Africa SWIR Imaging Cameras Sales 2020-2025 (K Units)

Figure 38. Middle East & Africa SWIR Imaging Cameras Revenue 2020-2025 (\$ millions)

Figure 39. Americas SWIR Imaging Cameras Sales Market Share by Country in 2025

Figure 40. Americas SWIR Imaging Cameras Revenue Market Share by Country (2020-2025)

Figure 41. Americas SWIR Imaging Cameras Sales Market Share by Type (2020-2025)

Figure 42. Americas SWIR Imaging Cameras Sales Market Share by Application (2020-2025)

Figure 43. United States SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 44. Canada SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 45. Mexico SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 46. Brazil SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 47. APAC SWIR Imaging Cameras Sales Market Share by Region in 2025

Figure 48. APAC SWIR Imaging Cameras Revenue Market Share by Region (2020-2025)

Figure 49. APAC SWIR Imaging Cameras Sales Market Share by Type (2020-2025)

Figure 50. APAC SWIR Imaging Cameras Sales Market Share by Application (2020-2025)

Figure 51. China SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 52. Japan SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 53. South Korea SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 54. Southeast Asia SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 55. India SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 56. Australia SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 57. China Taiwan SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 58. Europe SWIR Imaging Cameras Sales Market Share by Country in 2025

Figure 59. Europe SWIR Imaging Cameras Revenue Market Share by Country

(2020-2025)

Figure 60. Europe SWIR Imaging Cameras Sales Market Share by Type (2020-2025)

Figure 61. Europe SWIR Imaging Cameras Sales Market Share by Application
(2020-2025)

Figure 62. Germany SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 63. France SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 64. UK SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 65. Italy SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 66. Russia SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 67. Middle East & Africa SWIR Imaging Cameras Sales Market Share by
Country (2020-2025)

Figure 68. Middle East & Africa SWIR Imaging Cameras Sales Market Share by Type
(2020-2025)

Figure 69. Middle East & Africa SWIR Imaging Cameras Sales Market Share by
Application (2020-2025)

Figure 70. Egypt SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 71. South Africa SWIR Imaging Cameras Revenue Growth 2020-2025 (\$
millions)

Figure 72. Israel SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 73. Turkey SWIR Imaging Cameras Revenue Growth 2020-2025 (\$ millions)

Figure 74. GCC Countries SWIR Imaging Cameras Revenue Growth 2020-2025 (\$
millions)

Figure 75. Manufacturing Cost Structure Analysis of SWIR Imaging Cameras in 2025

Figure 76. Manufacturing Process Analysis of SWIR Imaging Cameras

Figure 77. Industry Chain Structure of SWIR Imaging Cameras

Figure 78. Channels of Distribution

Figure 79. Global SWIR Imaging Cameras Sales Market Forecast by Region
(2026-2031)

Figure 80. Global SWIR Imaging Cameras Revenue Market Share Forecast by Region
(2026-2031)

Figure 81. Global SWIR Imaging Cameras Sales Market Share Forecast by Type
(2026-2031)

Figure 82. Global SWIR Imaging Cameras Revenue Market Share Forecast by Type
(2026-2031)

Figure 83. Global SWIR Imaging Cameras Sales Market Share Forecast by Application
(2026-2031)

Figure 84. Global SWIR Imaging Cameras Revenue Market Share Forecast by
Application (2026-2031)

I would like to order

Product name: Global SWIR Imaging Cameras Market Growth 2025-2031

Product link: <https://marketpublishers.com/r/G2AA741B15C9EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G2AA741B15C9EN.html>