+357 96 030922
info@marketpublishers.com

Global Compound Material-based SWIR Photodiodes Market Growth 2025-2031

https://marketpublishers.com/r/GABEC66FC248EN.html
Date: August 2025
Pages: 104
Price: US$ 3,660.00 (Single User License)
ID: GABEC66FC248EN

Abstracts

The global Compound Material-based SWIR Photodiodes market size is predicted to grow from US$ 43 million in 2025 to US$ 52.4 million in 2031; it is expected to grow at a CAGR of 3.3% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Short-wave infrared (SWIR) photodiode based on composite materials is an optoelectronic device, mainly made of semiconductor composite materials such as indium gallium arsenic (InGaAs), gallium arsenide (GaAs). Its working principle is to use these composite materials on the wavelength range of about 0.85 microns to 2.5 microns of short-wave infrared light absorption properties, when the short-wave infrared light irradiation to the photodiode, photon energy is absorbed by the composite material, the excitation of the semiconductor electrons from the valence band to the conduction band, resulting in the electron - cavity pairs, these charge carriers in the electric field under the action of the formation of the photocurrent, so as to realize the short-wave infrared light signal detection, widely used in the short-wave infrared light signal detection, and the photoelectricity is the most common in the short-wave infrared light. Infrared light signal detection, widely used in near infrared imaging, spectral analysis, laser ranging and other fields.

United States market for Compound Material-based SWIR Photodiodes is estimated to increase from US$ million in 2024 to US$ million by 2031, at a CAGR of % from 2025 through 2031.

+357 96 030922
info@marketpublishers.com

China market for Compound Material-based SWIR Photodiodes is estimated to increase from US$ million in 2024 to US$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Compound Material-based SWIR Photodiodes is estimated to increase from US$ million in 2024 to US$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Compound Material-based SWIR Photodiodes players cover Hamamatsu, Teledyne Technologies, Ushio Europe BV, Sensors Unlimited, Inc, Discovery Semiconductors, Inc, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

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

This Insight Report provides a comprehensive analysis of the global Compound Material-based SWIR Photodiodes 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 Compound Material-based SWIR Photodiodes portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Compound Material-based SWIR Photodiodes market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Compound Material-based SWIR Photodiodes 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 Compound Material-based SWIR Photodiodes.

+357 96 030922
info@marketpublishers.com

This report presents a comprehensive overview, market shares, and growth opportunities of Compound Material-based SWIR Photodiodes market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

InGaAs

GaAs

Others

Segmentation by Application:

Spectroscopy

Optical Communication

Biomedical Imaging

Industrial Inspection

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

+357 96 030922
info@marketpublishers.com

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

+357 96 030922
info@marketpublishers.com

from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Hamamatsu

Teledyne Technologies

Ushio Europe BV

Sensors Unlimited, Inc

Discovery Semiconductors, Inc

SCD.USA

Marktech Optoelectronics Inc

Key Questions Addressed in this Report

What is the 10-year outlook for the global Compound Material-based SWIR Photodiodes market?

What factors are driving Compound Material-based SWIR Photodiodes market growth, globally and by region?

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

How do Compound Material-based SWIR Photodiodes market opportunities vary by end market size?

How does Compound Material-based SWIR Photodiodes break out by Type, by Application?

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

+357 96 030922
info@marketpublishers.com

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 Compound Material-based SWIR Photodiodes Annual Sales 2020-2031
  2.1.2 World Current & Future Analysis for Compound Material-based SWIR Photodiodes by Geographic Region, 2020, 2024 & 2031
  2.1.3 World Current & Future Analysis for Compound Material-based SWIR Photodiodes by Country/Region, 2020, 2024 & 2031
2.2 Compound Material-based SWIR Photodiodes Segment by Type
  2.2.1 InGaAs
  2.2.2 GaAs
  2.2.3 Others
2.3 Compound Material-based SWIR Photodiodes Sales by Type
  2.3.1 Global Compound Material-based SWIR Photodiodes Sales Market Share by Type (2020-2025)
  2.3.2 Global Compound Material-based SWIR Photodiodes Revenue and Market Share by Type (2020-2025)
  2.3.3 Global Compound Material-based SWIR Photodiodes Sale Price by Type (2020-2025)
2.4 Compound Material-based SWIR Photodiodes Segment by Application
  2.4.1 Spectroscopy
  2.4.2 Optical Communication
  2.4.3 Biomedical Imaging
  2.4.4 Industrial Inspection
  2.4.5 Others
2.5 Compound Material-based SWIR Photodiodes Sales by Application

+357 96 030922
info@marketpublishers.com

2.5.1 Global Compound Material-based SWIR Photodiodes Sale Market Share by Application (2020-2025)
2.5.2 Global Compound Material-based SWIR Photodiodes Revenue and Market Share by Application (2020-2025)
2.5.3 Global Compound Material-based SWIR Photodiodes Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Compound Material-based SWIR Photodiodes Breakdown Data by Company
3.1.1 Global Compound Material-based SWIR Photodiodes Annual Sales by Company (2020-2025)
3.1.2 Global Compound Material-based SWIR Photodiodes Sales Market Share by Company (2020-2025)
3.2 Global Compound Material-based SWIR Photodiodes Annual Revenue by Company (2020-2025)
3.2.1 Global Compound Material-based SWIR Photodiodes Revenue by Company (2020-2025)
3.2.2 Global Compound Material-based SWIR Photodiodes Revenue Market Share by Company (2020-2025)
3.3 Global Compound Material-based SWIR Photodiodes Sale Price by Company
3.4 Key Manufacturers Compound Material-based SWIR Photodiodes Producing Area Distribution, Sales Area, Product Type
3.4.1 Key Manufacturers Compound Material-based SWIR Photodiodes Product Location Distribution
3.4.2 Players Compound Material-based SWIR Photodiodes 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 COMPOUND MATERIAL-BASED SWIR PHOTODIODES BY GEOGRAPHIC REGION

4.1 World Historic Compound Material-based SWIR Photodiodes Market Size by Geographic Region (2020-2025)
4.1.1 Global Compound Material-based SWIR Photodiodes Annual Sales by Geographic Region (2020-2025)

+357 96 030922
info@marketpublishers.com

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

5 AMERICAS

5.1 Americas Compound Material-based SWIR Photodiodes Sales by Country
5.1.1 Americas Compound Material-based SWIR Photodiodes Sales by Country (2020-2025)
5.1.2 Americas Compound Material-based SWIR Photodiodes Revenue by Country (2020-2025)
5.2 Americas Compound Material-based SWIR Photodiodes Sales by Type (2020-2025)
5.3 Americas Compound Material-based SWIR Photodiodes Sales by Application (2020-2025)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

6 APAC

6.1 APAC Compound Material-based SWIR Photodiodes Sales by Region
6.1.1 APAC Compound Material-based SWIR Photodiodes Sales by Region (2020-2025)
6.1.2 APAC Compound Material-based SWIR Photodiodes Revenue by Region (2020-2025)
6.2 APAC Compound Material-based SWIR Photodiodes Sales by Type (2020-2025)
6.3 APAC Compound Material-based SWIR Photodiodes Sales by Application (2020-2025)
6.4 China

+357 96 030922
info@marketpublishers.com

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 Compound Material-based SWIR Photodiodes by Country
  7.1.1 Europe Compound Material-based SWIR Photodiodes Sales by Country (2020-2025)
  7.1.2 Europe Compound Material-based SWIR Photodiodes Revenue by Country (2020-2025)
7.2 Europe Compound Material-based SWIR Photodiodes Sales by Type (2020-2025)
7.3 Europe Compound Material-based SWIR Photodiodes 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 Compound Material-based SWIR Photodiodes by Country
  8.1.1 Middle East & Africa Compound Material-based SWIR Photodiodes Sales by Country (2020-2025)
  8.1.2 Middle East & Africa Compound Material-based SWIR Photodiodes Revenue by Country (2020-2025)
8.2 Middle East & Africa Compound Material-based SWIR Photodiodes Sales by Type (2020-2025)
8.3 Middle East & Africa Compound Material-based SWIR Photodiodes Sales by Application (2020-2025)
8.4 Egypt
8.5 South Africa
8.6 Israel
8.7 Turkey
8.8 GCC Countries

+357 96 030922
info@marketpublishers.com

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 Compound Material-based SWIR Photodiodes
10.3 Manufacturing Process Analysis of Compound Material-based SWIR Photodiodes
10.4 Industry Chain Structure of Compound Material-based SWIR Photodiodes

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel
  11.1.1 Direct Channels
  11.1.2 Indirect Channels
11.2 Compound Material-based SWIR Photodiodes Distributors
11.3 Compound Material-based SWIR Photodiodes Customer

12 WORLD FORECAST REVIEW FOR COMPOUND MATERIAL-BASED SWIR PHOTODIODES BY GEOGRAPHIC REGION

12.1 Global Compound Material-based SWIR Photodiodes Market Size Forecast by Region
  12.1.1 Global Compound Material-based SWIR Photodiodes Forecast by Region (2026-2031)
  12.1.2 Global Compound Material-based SWIR Photodiodes 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 Compound Material-based SWIR Photodiodes Forecast by Type (2026-2031)
12.7 Global Compound Material-based SWIR Photodiodes Forecast by Application

+357 96 030922
info@marketpublishers.com

(2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Hamamatsu
13.1.1 Hamamatsu Company Information
13.1.2 Hamamatsu Compound Material-based SWIR Photodiodes Product Portfolios and Specifications
13.1.3 Hamamatsu Compound Material-based SWIR Photodiodes Sales, Revenue, Price and Gross Margin (2020-2025)
13.1.4 Hamamatsu Main Business Overview
13.1.5 Hamamatsu Latest Developments
13.2 Teledyne Technologies
13.2.1 Teledyne Technologies Company Information
13.2.2 Teledyne Technologies Compound Material-based SWIR Photodiodes Product Portfolios and Specifications
13.2.3 Teledyne Technologies Compound Material-based SWIR Photodiodes Sales, Revenue, Price and Gross Margin (2020-2025)
13.2.4 Teledyne Technologies Main Business Overview
13.2.5 Teledyne Technologies Latest Developments
13.3 Ushio Europe BV
13.3.1 Ushio Europe BV Company Information
13.3.2 Ushio Europe BV Compound Material-based SWIR Photodiodes Product Portfolios and Specifications
13.3.3 Ushio Europe BV Compound Material-based SWIR Photodiodes Sales, Revenue, Price and Gross Margin (2020-2025)
13.3.4 Ushio Europe BV Main Business Overview
13.3.5 Ushio Europe BV Latest Developments
13.4 Sensors Unlimited, Inc
13.4.1 Sensors Unlimited, Inc Company Information
13.4.2 Sensors Unlimited, Inc Compound Material-based SWIR Photodiodes Product Portfolios and Specifications
13.4.3 Sensors Unlimited, Inc Compound Material-based SWIR Photodiodes Sales, Revenue, Price and Gross Margin (2020-2025)
13.4.4 Sensors Unlimited, Inc Main Business Overview
13.4.5 Sensors Unlimited, Inc Latest Developments
13.5 Discovery Semiconductors, Inc
13.5.1 Discovery Semiconductors, Inc Company Information
13.5.2 Discovery Semiconductors, Inc Compound Material-based SWIR Photodiodes

+357 96 030922
info@marketpublishers.com

Product Portfolios and Specifications
13.5.3 Discovery Semiconductors, Inc Compound Material-based SWIR Photodiodes Sales, Revenue, Price and Gross Margin (2020-2025)
13.5.4 Discovery Semiconductors, Inc Main Business Overview
13.5.5 Discovery Semiconductors, Inc Latest Developments
13.6 SCD.USA
13.6.1 SCD.USA Company Information
13.6.2 SCD.USA Compound Material-based SWIR Photodiodes Product Portfolios and Specifications
13.6.3 SCD.USA Compound Material-based SWIR Photodiodes Sales, Revenue, Price and Gross Margin (2020-2025)
13.6.4 SCD.USA Main Business Overview
13.6.5 SCD.USA Latest Developments
13.7 Marktech Optoelectronics Inc
13.7.1 Marktech Optoelectronics Inc Company Information
13.7.2 Marktech Optoelectronics Inc Compound Material-based SWIR Photodiodes Product Portfolios and Specifications
13.7.3 Marktech Optoelectronics Inc Compound Material-based SWIR Photodiodes Sales, Revenue, Price and Gross Margin (2020-2025)
13.7.4 Marktech Optoelectronics Inc Main Business Overview
13.7.5 Marktech Optoelectronics Inc Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. Compound Material-based SWIR Photodiodes Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & ($ millions)
Table 2. Compound Material-based SWIR Photodiodes Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & ($ millions)
Table 3. Major Players of InGaAs
Table 4. Major Players of GaAs
Table 5. Major Players of Others
Table 6. Global Compound Material-based SWIR Photodiodes Sales by Type (2020-2025) & (K Units)
Table 7. Global Compound Material-based SWIR Photodiodes Sales Market Share by Type (2020-2025)
Table 8. Global Compound Material-based SWIR Photodiodes Revenue by Type (2020-2025) & ($ million)
Table 9. Global Compound Material-based SWIR Photodiodes Revenue Market Share by Type (2020-2025)
Table 10. Global Compound Material-based SWIR Photodiodes Sale Price by Type (2020-2025) & (US$/Unit)
Table 11. Global Compound Material-based SWIR Photodiodes Sale by Application (2020-2025) & (K Units)
Table 12. Global Compound Material-based SWIR Photodiodes Sale Market Share by Application (2020-2025)
Table 13. Global Compound Material-based SWIR Photodiodes Revenue by Application (2020-2025) & ($ million)
Table 14. Global Compound Material-based SWIR Photodiodes Revenue Market Share by Application (2020-2025)
Table 15. Global Compound Material-based SWIR Photodiodes Sale Price by Application (2020-2025) & (US$/Unit)
Table 16. Global Compound Material-based SWIR Photodiodes Sales by Company (2020-2025) & (K Units)
Table 17. Global Compound Material-based SWIR Photodiodes Sales Market Share by Company (2020-2025)
Table 18. Global Compound Material-based SWIR Photodiodes Revenue by Company (2020-2025) & ($ millions)
Table 19. Global Compound Material-based SWIR Photodiodes Revenue Market Share by Company (2020-2025)

+357 96 030922
info@marketpublishers.com

Table 20. Global Compound Material-based SWIR Photodiodes Sale Price by Company (2020-2025) & (US$/Unit)
Table 21. Key Manufacturers Compound Material-based SWIR Photodiodes Producing Area Distribution and Sales Area
Table 22. Players Compound Material-based SWIR Photodiodes Products Offered
Table 23. Compound Material-based SWIR Photodiodes Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
Table 24. New Products and Potential Entrants
Table 25. Market M&A Activity & Strategy
Table 26. Global Compound Material-based SWIR Photodiodes Sales by Geographic Region (2020-2025) & (K Units)
Table 27. Global Compound Material-based SWIR Photodiodes Sales Market Share Geographic Region (2020-2025)
Table 28. Global Compound Material-based SWIR Photodiodes Revenue by Geographic Region (2020-2025) & ($ millions)
Table 29. Global Compound Material-based SWIR Photodiodes Revenue Market Share by Geographic Region (2020-2025)
Table 30. Global Compound Material-based SWIR Photodiodes Sales by Country/Region (2020-2025) & (K Units)
Table 31. Global Compound Material-based SWIR Photodiodes Sales Market Share by Country/Region (2020-2025)
Table 32. Global Compound Material-based SWIR Photodiodes Revenue by Country/Region (2020-2025) & ($ millions)
Table 33. Global Compound Material-based SWIR Photodiodes Revenue Market Share by Country/Region (2020-2025)
Table 34. Americas Compound Material-based SWIR Photodiodes Sales by Country (2020-2025) & (K Units)
Table 35. Americas Compound Material-based SWIR Photodiodes Sales Market Share by Country (2020-2025)
Table 36. Americas Compound Material-based SWIR Photodiodes Revenue by Country (2020-2025) & ($ millions)
Table 37. Americas Compound Material-based SWIR Photodiodes Sales by Type (2020-2025) & (K Units)
Table 38. Americas Compound Material-based SWIR Photodiodes Sales by Application (2020-2025) & (K Units)
Table 39. APAC Compound Material-based SWIR Photodiodes Sales by Region (2020-2025) & (K Units)
Table 40. APAC Compound Material-based SWIR Photodiodes Sales Market Share by Region (2020-2025)

+357 96 030922
info@marketpublishers.com

Table 41. APAC Compound Material-based SWIR Photodiodes Revenue by Region (2020-2025) & ($ millions)
Table 42. APAC Compound Material-based SWIR Photodiodes Sales by Type (2020-2025) & (K Units)
Table 43. APAC Compound Material-based SWIR Photodiodes Sales by Application (2020-2025) & (K Units)
Table 44. Europe Compound Material-based SWIR Photodiodes Sales by Country (2020-2025) & (K Units)
Table 45. Europe Compound Material-based SWIR Photodiodes Revenue by Country (2020-2025) & ($ millions)
Table 46. Europe Compound Material-based SWIR Photodiodes Sales by Type (2020-2025) & (K Units)
Table 47. Europe Compound Material-based SWIR Photodiodes Sales by Application (2020-2025) & (K Units)
Table 48. Middle East & Africa Compound Material-based SWIR Photodiodes Sales by Country (2020-2025) & (K Units)
Table 49. Middle East & Africa Compound Material-based SWIR Photodiodes Revenue Market Share by Country (2020-2025)
Table 50. Middle East & Africa Compound Material-based SWIR Photodiodes Sales by Type (2020-2025) & (K Units)
Table 51. Middle East & Africa Compound Material-based SWIR Photodiodes Sales by Application (2020-2025) & (K Units)
Table 52. Key Market Drivers & Growth Opportunities of Compound Material-based SWIR Photodiodes
Table 53. Key Market Challenges & Risks of Compound Material-based SWIR Photodiodes
Table 54. Key Industry Trends of Compound Material-based SWIR Photodiodes
Table 55. Compound Material-based SWIR Photodiodes Raw Material
Table 56. Key Suppliers of Raw Materials
Table 57. Compound Material-based SWIR Photodiodes Distributors List
Table 58. Compound Material-based SWIR Photodiodes Customer List
Table 59. Global Compound Material-based SWIR Photodiodes Sales Forecast by Region (2026-2031) & (K Units)
Table 60. Global Compound Material-based SWIR Photodiodes Revenue Forecast by Region (2026-2031) & ($ millions)
Table 61. Americas Compound Material-based SWIR Photodiodes Sales Forecast by Country (2026-2031) & (K Units)
Table 62. Americas Compound Material-based SWIR Photodiodes Annual Revenue Forecast by Country (2026-2031) & ($ millions)

+357 96 030922
info@marketpublishers.com

Table 63. APAC Compound Material-based SWIR Photodiodes Sales Forecast by Region (2026-2031) & (K Units)
Table 64. APAC Compound Material-based SWIR Photodiodes Annual Revenue Forecast by Region (2026-2031) & ($ millions)
Table 65. Europe Compound Material-based SWIR Photodiodes Sales Forecast by Country (2026-2031) & (K Units)
Table 66. Europe Compound Material-based SWIR Photodiodes Revenue Forecast by Country (2026-2031) & ($ millions)
Table 67. Middle East & Africa Compound Material-based SWIR Photodiodes Sales Forecast by Country (2026-2031) & (K Units)
Table 68. Middle East & Africa Compound Material-based SWIR Photodiodes Revenue Forecast by Country (2026-2031) & ($ millions)
Table 69. Global Compound Material-based SWIR Photodiodes Sales Forecast by Type (2026-2031) & (K Units)
Table 70. Global Compound Material-based SWIR Photodiodes Revenue Forecast by Type (2026-2031) & ($ millions)
Table 71. Global Compound Material-based SWIR Photodiodes Sales Forecast by Application (2026-2031) & (K Units)
Table 72. Global Compound Material-based SWIR Photodiodes Revenue Forecast by Application (2026-2031) & ($ millions)
Table 73. Hamamatsu Basic Information, Compound Material-based SWIR Photodiodes Manufacturing Base, Sales Area and Its Competitors
Table 74. Hamamatsu Compound Material-based SWIR Photodiodes Product Portfolios and Specifications
Table 75. Hamamatsu Compound Material-based SWIR Photodiodes Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 76. Hamamatsu Main Business
Table 77. Hamamatsu Latest Developments
Table 78. Teledyne Technologies Basic Information, Compound Material-based SWIR Photodiodes Manufacturing Base, Sales Area and Its Competitors
Table 79. Teledyne Technologies Compound Material-based SWIR Photodiodes Product Portfolios and Specifications
Table 80. Teledyne Technologies Compound Material-based SWIR Photodiodes Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 81. Teledyne Technologies Main Business
Table 82. Teledyne Technologies Latest Developments
Table 83. Ushio Europe BV Basic Information, Compound Material-based SWIR Photodiodes Manufacturing Base, Sales Area and Its Competitors
Table 84. Ushio Europe BV Compound Material-based SWIR Photodiodes Product

+357 96 030922
info@marketpublishers.com

Portfolios and Specifications
Table 85. Ushio Europe BV Compound Material-based SWIR Photodiodes Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 86. Ushio Europe BV Main Business
Table 87. Ushio Europe BV Latest Developments
Table 88. Sensors Unlimited, Inc Basic Information, Compound Material-based SWIR Photodiodes Manufacturing Base, Sales Area and Its Competitors
Table 89. Sensors Unlimited, Inc Compound Material-based SWIR Photodiodes Product Portfolios and Specifications
Table 90. Sensors Unlimited, Inc Compound Material-based SWIR Photodiodes Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 91. Sensors Unlimited, Inc Main Business
Table 92. Sensors Unlimited, Inc Latest Developments
Table 93. Discovery Semiconductors, Inc Basic Information, Compound Material-based SWIR Photodiodes Manufacturing Base, Sales Area and Its Competitors
Table 94. Discovery Semiconductors, Inc Compound Material-based SWIR Photodiodes Product Portfolios and Specifications
Table 95. Discovery Semiconductors, Inc Compound Material-based SWIR Photodiodes Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 96. Discovery Semiconductors, Inc Main Business
Table 97. Discovery Semiconductors, Inc Latest Developments
Table 98. SCD.USA Basic Information, Compound Material-based SWIR Photodiodes Manufacturing Base, Sales Area and Its Competitors
Table 99. SCD.USA Compound Material-based SWIR Photodiodes Product Portfolios and Specifications
Table 100. SCD.USA Compound Material-based SWIR Photodiodes Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 101. SCD.USA Main Business
Table 102. SCD.USA Latest Developments
Table 103. Marktech Optoelectronics Inc Basic Information, Compound Material-based SWIR Photodiodes Manufacturing Base, Sales Area and Its Competitors
Table 104. Marktech Optoelectronics Inc Compound Material-based SWIR Photodiodes Product Portfolios and Specifications
Table 105. Marktech Optoelectronics Inc Compound Material-based SWIR Photodiodes Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 106. Marktech Optoelectronics Inc Main Business
Table 107. Marktech Optoelectronics Inc Latest Developments

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Compound Material-based SWIR Photodiodes
Figure 2. Compound Material-based SWIR Photodiodes Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global Compound Material-based SWIR Photodiodes Sales Growth Rate 2020-2031 (K Units)
Figure 7. Global Compound Material-based SWIR Photodiodes Revenue Growth Rate 2020-2031 ($ millions)
Figure 8. Compound Material-based SWIR Photodiodes Sales by Geographic Region (2020, 2024 & 2031) & ($ millions)
Figure 9. Compound Material-based SWIR Photodiodes Sales Market Share by Country/Region (2024)
Figure 10. Compound Material-based SWIR Photodiodes Sales Market Share by Country/Region (2020, 2024 & 2031)
Figure 11. Product Picture of InGaAs
Figure 12. Product Picture of GaAs
Figure 13. Product Picture of Others
Figure 14. Global Compound Material-based SWIR Photodiodes Sales Market Share by Type in 2025
Figure 15. Global Compound Material-based SWIR Photodiodes Revenue Market Share by Type (2020-2025)
Figure 16. Compound Material-based SWIR Photodiodes Consumed in Spectroscopy
Figure 17. Global Compound Material-based SWIR Photodiodes Market: Spectroscopy (2020-2025) & (K Units)
Figure 18. Compound Material-based SWIR Photodiodes Consumed in Optical Communication
Figure 19. Global Compound Material-based SWIR Photodiodes Market: Optical Communication (2020-2025) & (K Units)
Figure 20. Compound Material-based SWIR Photodiodes Consumed in Biomedical Imaging
Figure 21. Global Compound Material-based SWIR Photodiodes Market: Biomedical Imaging (2020-2025) & (K Units)
Figure 22. Compound Material-based SWIR Photodiodes Consumed in Industrial Inspection

+357 96 030922
info@marketpublishers.com

Figure 23. Global Compound Material-based SWIR Photodiodes Market: Industrial Inspection (2020-2025) & (K Units)
Figure 24. Compound Material-based SWIR Photodiodes Consumed in Others
Figure 25. Global Compound Material-based SWIR Photodiodes Market: Others (2020-2025) & (K Units)
Figure 26. Global Compound Material-based SWIR Photodiodes Sale Market Share by Application (2024)
Figure 27. Global Compound Material-based SWIR Photodiodes Revenue Market Share by Application in 2025
Figure 28. Compound Material-based SWIR Photodiodes Sales by Company in 2025 (K Units)
Figure 29. Global Compound Material-based SWIR Photodiodes Sales Market Share by Company in 2025
Figure 30. Compound Material-based SWIR Photodiodes Revenue by Company in 2025 ($ millions)
Figure 31. Global Compound Material-based SWIR Photodiodes Revenue Market Share by Company in 2025
Figure 32. Global Compound Material-based SWIR Photodiodes Sales Market Share by Geographic Region (2020-2025)
Figure 33. Global Compound Material-based SWIR Photodiodes Revenue Market Share by Geographic Region in 2025
Figure 34. Americas Compound Material-based SWIR Photodiodes Sales 2020-2025 (K Units)
Figure 35. Americas Compound Material-based SWIR Photodiodes Revenue 2020-2025 ($ millions)
Figure 36. APAC Compound Material-based SWIR Photodiodes Sales 2020-2025 (K Units)
Figure 37. APAC Compound Material-based SWIR Photodiodes Revenue 2020-2025 ($ millions)
Figure 38. Europe Compound Material-based SWIR Photodiodes Sales 2020-2025 (K Units)
Figure 39. Europe Compound Material-based SWIR Photodiodes Revenue 2020-2025 ($ millions)
Figure 40. Middle East & Africa Compound Material-based SWIR Photodiodes Sales 2020-2025 (K Units)
Figure 41. Middle East & Africa Compound Material-based SWIR Photodiodes Revenue 2020-2025 ($ millions)
Figure 42. Americas Compound Material-based SWIR Photodiodes Sales Market Share by Country in 2025

+357 96 030922
info@marketpublishers.com

Figure 43. Americas Compound Material-based SWIR Photodiodes Revenue Market Share by Country (2020-2025)
Figure 44. Americas Compound Material-based SWIR Photodiodes Sales Market Share by Type (2020-2025)
Figure 45. Americas Compound Material-based SWIR Photodiodes Sales Market Share by Application (2020-2025)
Figure 46. United States Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 47. Canada Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 48. Mexico Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 49. Brazil Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 50. APAC Compound Material-based SWIR Photodiodes Sales Market Share by Region in 2025
Figure 51. APAC Compound Material-based SWIR Photodiodes Revenue Market Share by Region (2020-2025)
Figure 52. APAC Compound Material-based SWIR Photodiodes Sales Market Share by Type (2020-2025)
Figure 53. APAC Compound Material-based SWIR Photodiodes Sales Market Share by Application (2020-2025)
Figure 54. China Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 55. Japan Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 56. South Korea Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 57. Southeast Asia Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 58. India Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 59. Australia Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 60. China Taiwan Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 61. Europe Compound Material-based SWIR Photodiodes Sales Market Share by Country in 2025
Figure 62. Europe Compound Material-based SWIR Photodiodes Revenue Market

+357 96 030922
info@marketpublishers.com

Share by Country (2020-2025)
Figure 63. Europe Compound Material-based SWIR Photodiodes Sales Market Share by Type (2020-2025)
Figure 64. Europe Compound Material-based SWIR Photodiodes Sales Market Share by Application (2020-2025)
Figure 65. Germany Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 66. France Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 67. UK Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 68. Italy Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 69. Russia Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 70. Middle East & Africa Compound Material-based SWIR Photodiodes Sales Market Share by Country (2020-2025)
Figure 71. Middle East & Africa Compound Material-based SWIR Photodiodes Sales Market Share by Type (2020-2025)
Figure 72. Middle East & Africa Compound Material-based SWIR Photodiodes Sales Market Share by Application (2020-2025)
Figure 73. Egypt Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 74. South Africa Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 75. Israel Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 76. Turkey Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 77. GCC Countries Compound Material-based SWIR Photodiodes Revenue Growth 2020-2025 ($ millions)
Figure 78. Manufacturing Cost Structure Analysis of Compound Material-based SWIR Photodiodes in 2025
Figure 79. Manufacturing Process Analysis of Compound Material-based SWIR Photodiodes
Figure 80. Industry Chain Structure of Compound Material-based SWIR Photodiodes
Figure 81. Channels of Distribution
Figure 82. Global Compound Material-based SWIR Photodiodes Sales Market Forecast by Region (2026-2031)

+357 96 030922
info@marketpublishers.com

Figure 83. Global Compound Material-based SWIR Photodiodes Revenue Market Share Forecast by Region (2026-2031)
Figure 84. Global Compound Material-based SWIR Photodiodes Sales Market Share Forecast by Type (2026-2031)
Figure 85. Global Compound Material-based SWIR Photodiodes Revenue Market Share Forecast by Type (2026-2031)
Figure 86. Global Compound Material-based SWIR Photodiodes Sales Market Share Forecast by Application (2026-2031)
Figure 87. Global Compound Material-based SWIR Photodiodes Revenue Market Share Forecast by Application (2026-2031)

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Compound Material-based SWIR Photodiodes Market Growth 2025-2031
Product link: https://marketpublishers.com/r/GABEC66FC248EN.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/GABEC66FC248EN.html