

Short Wave Infrared (SWIR) Market in Southeast Asia - Manufacturing and Consumption, Outlook and Forecast 2020-2026

<https://marketpublishers.com/r/SBFBFE7EFF9AEN.html>

Date: April 2020

Pages: 108

Price: US\$ 2,700.00 (Single User License)

ID: SBFBFE7EFF9AEN

Abstracts

Sensing in the shortwave infrared (SWIR) range (wavelengths from 0.9 to 1.7 microns) has only recently been made practical by the development of Indium Gallium Arsenide (InGaAs) sensors.

Short-wave infrared (SWIR) light is typically defined as light in the 0.9 – 1.7 μ m wavelength range, but can also be classified from 0.7 – 2.5 μ m. Since silicon sensors have an upper limit of approximately 1.0 μ m, SWIR imaging requires unique optical and electronic components capable of performing in the specific SWIR range. Sensing in the shortwave infrared (SWIR) range (wavelengths from 0.9 to 1.7 microns) has only recently been made practical by the development of Indium Gallium Arsenide (InGaAs) sensors.

Unlike Mid-Wave Infrared (MWIR) and Long-Wave Infrared (LWIR) light, which is emitted from the object itself, SWIR is similar to visible light in that photons are reflected or absorbed by an object, providing the strong contrast needed for high resolution imaging. Ambient star light and background radiance (nightglow) are natural emitters of SWIR and provide excellent illumination for outdoor, nighttime imaging.

It is essential to use a lens that is designed, optimized, and coated for the SWIR wavelength range. Using a lens designed for the visible spectrum will result in lower resolution images and higher optical aberrations. Since SWIR wavelengths transmit through glass, lenses, and other optical components (optical filters, windows, etc.) designed for SWIR can be manufactured using the same techniques used for visible components, decreasing manufacturing cost and enabling the use of protective windows and filters within a system.

A large number of applications that are difficult or impossible to perform using visible light are possible using SWIR. When imaging in SWIR, water vapor, fog, and certain materials such as silicon are transparent. Additionally, colors that appear almost

identical in the visible may be easily differentiated using SWIR.

SWIR imaging is used in a variety of applications including electronic board inspection, solar cell inspection, produce inspection, identifying and sorting, surveillance, anti-counterfeiting, process quality control, and much more. To understand the benefits of SWIR imaging, consider some visual examples of common, everyday products imaged with visible light and with SWIR.

This report contains market size and forecasts of Short Wave Infrared (SWIR) in Southeast Asia, including the following market information:

Southeast Asia Short Wave Infrared (SWIR) Market Revenue, 2015-2020, 2021-2026, (\$ millions)

Southeast Asia Short Wave Infrared (SWIR) Market Consumption, 2015-2020, 2021-2026, (Units)

Southeast Asia Short Wave Infrared (SWIR) Production Capacity, 2015-2020, 2021-2026, (Units)

Top Five Competitors in Southeast Asia Short Wave Infrared (SWIR) Market 2019 (%)

The global Short Wave Infrared (SWIR) market was valued at 155.3 million in 2019 and is projected to reach US\$ 213.1 million by 2026, at a CAGR of 8.2% during the forecast period. While the Short Wave Infrared (SWIR) market size in Southeast Asia was US\$ XX million in 2019, and it is expected to reach US\$ XX million by the end of 2026, with a CAGR of XX% during 2020-2026.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Short Wave Infrared (SWIR) manufacturers, suppliers, distributors and industry experts on the impacts of the COVID-19 pandemic on businesses, with top challenges including ingredients and raw material delays, component and packaging shortages, reduced/cancelled orders from clients and consumers, and closures of production lines in some impacted areas.

This report also analyses and evaluates the COVID-19 impact on Short Wave Infrared (SWIR) production and consumption in Southeast Asia

Total Market by Segment:

Southeast Asia Short Wave Infrared (SWIR) Market, By Type, 2015-2020, 2021-2026 (\$ millions) & (Units)

Southeast Asia Short Wave Infrared (SWIR) Market Segment Percentages, By Type, 2019 (%)

SWIR Area Cameras

SWIR Linear Cameras

Southeast Asia Short Wave Infrared (SWIR) Market, By Application, 2015-2020, 2021-2026 (\$ millions) & (Units)

Southeast Asia Short Wave Infrared (SWIR) Market Segment Percentages, By Application, 2019 (%)

Industrial

Military & Defense

Scientific Research

Others

Competitor Analysis

The report also provides analysis of leading market participants including:

Total Short Wave Infrared (SWIR) Market Competitors Revenues in Southeast Asia, by Players 2015-2020 (Estimated), (\$ millions)

Total Short Wave Infrared (SWIR) Market Competitors Revenues Share in Southeast Asia, by Players 2019 (%)

Total Southeast Asia Short Wave Infrared (SWIR) Market Competitors Sales, by Players 2015-2020 (Estimated), (Units)

Total Southeast Asia Short Wave Infrared (SWIR) Market Competitors Sales Market Share by Players 2019 (\$ millions)

Further, the report presents profiles of competitors in the market, including the following:

FLIR Systems

Hamamatsu Photonics

Sensors Unlimited

Xenics

Princeton Instruments

Allied Vision Technologies

IRCameras

Fluxdata

InView Technology

New Imaging Technologies

Photonic Science

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Short Wave Infrared (SWIR) Market Definition
- 1.2 Market Segments
 - 1.2.1 Segment by Type
 - 1.2.2 Segment by Application
- 1.3 Southeast Asia Short Wave Infrared (SWIR) Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 COVID-19 IMPACT: SOUTHEAST ASIA SHORT WAVE INFRARED (SWIR) OVERALL MARKET SIZE

- 2.1 Southeast Asia Short Wave Infrared (SWIR) Market Size: 2020 VS 2026
- 2.2 Southeast Asia Short Wave Infrared (SWIR) Revenue, Prospects & Forecasts: 2015-2026
- 2.3 Southeast Asia Short Wave Infrared (SWIR) Sales (Consumption): 2015-2026

3 COMPANY LANDSCAPE

- 3.1 Top Short Wave Infrared (SWIR) Players in Southeast Asia (including Foreign and Local Companies)
- 3.2 Top Southeast Asia Short Wave Infrared (SWIR) Companies Ranked by Revenue
- 3.3 Southeast Asia Short Wave Infrared (SWIR) Revenue by Companies (including Foreign and Local Companies)
- 3.4 Southeast Asia Short Wave Infrared (SWIR) Sales by Companies (including Foreign and Local Companies)
- 3.5 Southeast Asia Short Wave Infrared (SWIR) Price by Manufacturer (2015-2020)
- 3.6 Top 3 and Top 5 Short Wave Infrared (SWIR) Companies in Southeast Asia, by Revenue in 2019
- 3.7 Southeast Asia Manufacturers Short Wave Infrared (SWIR) Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Short Wave Infrared (SWIR) Players in Southeast Asia
 - 3.8.1 List of Southeast Asia Tier 1 Short Wave Infrared (SWIR) Companies

3.8.2 List of Southeast Asia Tier 2 and Tier 3 Short Wave Infrared (SWIR) Companies

4 SIGHTS BY PRODUCT

4.1 Overview

4.1.1 By Type - Southeast Asia Short Wave Infrared (SWIR) Market Size Markets, 2020 & 2026

4.1.2 SWIR Area Cameras

4.1.3 SWIR Linear Cameras

4.2 By Type - Southeast Asia Short Wave Infrared (SWIR) Revenue & Forecasts

4.2.1 By Type - Southeast Asia Short Wave Infrared (SWIR) Revenue, 2015-2020

4.2.2 By Type - Southeast Asia Short Wave Infrared (SWIR) Revenue, 2021-2026

4.2.3 By Type - Southeast Asia Short Wave Infrared (SWIR) Revenue Market Share, 2015-2026

4.3 By Type - Southeast Asia Short Wave Infrared (SWIR) Sales & Forecasts

4.3.1 By Type - Southeast Asia Short Wave Infrared (SWIR) Sales, 2015-2020

4.3.2 By Type - Southeast Asia Short Wave Infrared (SWIR) Sales, 2021-2026

4.3.3 By Type - Southeast Asia Short Wave Infrared (SWIR) Sales Market Share, 2015-2026

4.4 By Type - Southeast Asia Short Wave Infrared (SWIR) Price (Manufacturers Selling Prices), 2015-2026

5 SIGHTS BY APPLICATION

5.1 Overview

5.1.1 By Application - Southeast Asia Short Wave Infrared (SWIR) Market Size, 2020 & 2026

5.1.2 Industrial

5.1.3 Military & Defense

5.1.4 Scientific Research

5.1.5 Others

5.2 By Application - Southeast Asia Short Wave Infrared (SWIR) Revenue & Forecasts

5.2.1 By Application - Southeast Asia Short Wave Infrared (SWIR) Revenue, 2015-2020

5.2.2 By Application - Southeast Asia Short Wave Infrared (SWIR) Revenue, 2021-2026

5.2.3 By Application - Southeast Asia Short Wave Infrared (SWIR) Revenue Market Share, 2015-2026

5.3 By Application - Southeast Asia Short Wave Infrared (SWIR) Sales & Forecasts

- 5.3.1 By Application - Southeast Asia Short Wave Infrared (SWIR) Sales, 2015-2020
- 5.3.2 By Application - Southeast Asia Short Wave Infrared (SWIR) Sales, 2021-2026
- 5.3.3 By Application - Southeast Asia Short Wave Infrared (SWIR) Sales Market Share, 2015-2026
- 5.4 By Application - Southeast Asia Short Wave Infrared (SWIR) Price (Manufacturers Selling Prices), 2015-2026

6 MANUFACTURERS & BRANDS PROFILES

6.1 FLIR Systems

- 6.1.1 FLIR Systems Corporate Summary
- 6.1.2 FLIR Systems Business Overview
- 6.1.3 FLIR Systems Short Wave Infrared (SWIR) Major Product Offerings
- 6.1.4 FLIR Systems Sales and Revenue in Southeast Asia (2015-2020)
- 6.1.5 FLIR Systems Key News

6.2 Hamamatsu Photonics

- 6.2.1 Hamamatsu Photonics Corporate Summary
- 6.2.2 Hamamatsu Photonics Business Overview
- 6.2.3 Hamamatsu Photonics Short Wave Infrared (SWIR) Major Product Offerings
- 6.2.4 Hamamatsu Photonics Sales and Revenue in Southeast Asia (2015-2020)
- 6.2.5 Hamamatsu Photonics Key News

6.3 Sensors Unlimited

- 6.3.1 Sensors Unlimited Corporate Summary
- 6.3.2 Sensors Unlimited Business Overview
- 6.3.3 Sensors Unlimited Short Wave Infrared (SWIR) Major Product Offerings
- 6.3.4 Sensors Unlimited Sales and Revenue in Southeast Asia (2015-2020)
- 6.3.5 Sensors Unlimited Key News

6.4 Xenics

- 6.4.1 Xenics Corporate Summary
- 6.4.2 Xenics Business Overview
- 6.4.3 Xenics Short Wave Infrared (SWIR) Major Product Offerings
- 6.4.4 Xenics Sales and Revenue in Southeast Asia (2015-2020)
- 6.4.5 Xenics Key News

6.5 Princeton Instruments

- 6.5.1 Princeton Instruments Corporate Summary
- 6.5.2 Princeton Instruments Business Overview
- 6.5.3 Princeton Instruments Short Wave Infrared (SWIR) Major Product Offerings
- 6.5.4 Princeton Instruments Sales and Revenue in Southeast Asia (2015-2020)
- 6.5.5 Princeton Instruments Key News

6.6 Allied Vision Technologies

6.6.1 Allied Vision Technologies Corporate Summary

6.6.2 Allied Vision Technologies Business Overview

6.6.3 Allied Vision Technologies Short Wave Infrared (SWIR) Major Product Offerings

6.6.4 Allied Vision Technologies Sales and Revenue in Southeast Asia (2015-2020)

6.6.5 Allied Vision Technologies Key News

6.7 IRCameras

6.6.1 IRCameras Corporate Summary

6.6.2 IRCameras Business Overview

6.6.3 IRCameras Short Wave Infrared (SWIR) Major Product Offerings

6.4.4 IRCameras Sales and Revenue in Southeast Asia (2015-2020)

6.7.5 IRCameras Key News

6.8 Fluxdata

6.8.1 Fluxdata Corporate Summary

6.8.2 Fluxdata Business Overview

6.8.3 Fluxdata Short Wave Infrared (SWIR) Major Product Offerings

6.8.4 Fluxdata Sales and Revenue in Southeast Asia (2015-2020)

6.8.5 Fluxdata Key News

6.9 InView Technology

6.9.1 InView Technology Corporate Summary

6.9.2 InView Technology Business Overview

6.9.3 InView Technology Short Wave Infrared (SWIR) Major Product Offerings

6.9.4 InView Technology Sales and Revenue in Southeast Asia (2015-2020)

6.9.5 InView Technology Key News

6.10 New Imaging Technologies

6.10.1 New Imaging Technologies Corporate Summary

6.10.2 New Imaging Technologies Business Overview

6.10.3 New Imaging Technologies Short Wave Infrared (SWIR) Major Product Offerings

6.10.4 New Imaging Technologies Sales and Revenue in Southeast Asia (2015-2020)

6.10.5 New Imaging Technologies Key News

6.11 Photonic Science

6.11.1 Photonic Science Corporate Summary

6.11.2 Photonic Science Short Wave Infrared (SWIR) Business Overview

6.11.3 Photonic Science Short Wave Infrared (SWIR) Major Product Offerings

6.11.4 Photonic Science Sales and Revenue in Southeast Asia (2015-2020)

6.11.5 Photonic Science Key News

6.12 Infiniti Electro-Optics

6.12.1 Infiniti Electro-Optics Corporate Summary

- 6.12.2 Infiniti Electro-Optics Short Wave Infrared (SWIR) Business Overview
- 6.12.3 Infiniti Electro-Optics Short Wave Infrared (SWIR) Major Product Offerings
- 6.12.4 Infiniti Electro-Optics Sales and Revenue in Southeast Asia (2015-2020)
- 6.12.5 Infiniti Electro-Optics Key News

7 SHORT WAVE INFRARED (SWIR) PRODUCTION CAPACITY, EXPORT AND IMPORT ANALYSIS

7.1 Short Wave Infrared (SWIR) Production Capacity and Value in Southeast Asia, Situation Analysis and Prediction, 2015-2026

- 7.1.1 Southeast Asia Short Wave Infrared (SWIR) Production Capacity, 2015-2026
- 7.1.2 Southeast Asia Short Wave Infrared (SWIR) Production 2015-2026
- 7.1.3 Southeast Asia Short Wave Infrared (SWIR) Production Value 2015-2026

7.2 Key Local Short Wave Infrared (SWIR) Manufacturers in Southeast Asia

7.2.1 Southeast Asia Key Local Short Wave Infrared (SWIR) Manufacturers Production Capacity

- 7.2.2 Southeast Asia Key Local Short Wave Infrared (SWIR) Manufacturers Production
- 7.2.3 Southeast Asia Key Local Short Wave Infrared (SWIR) Manufacturers Production Value

7.2.4 The Proportion of Short Wave Infrared (SWIR) Production Sold in Southeast Asia and Sold Other Than Southeast Asia by Manufacturers

7.3 Short Wave Infrared (SWIR) Export and Import in Southeast Asia

- 7.3.1 Southeast Asia Short Wave Infrared (SWIR) Export Market
- 7.3.2 Southeast Asia Short Wave Infrared (SWIR) Source of Imports

8 COVID-19 IMPACT: KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

8.1 PESTLE Analysis for Southeast Asia Short Wave Infrared (SWIR) Market

8.2 Market Opportunities & Trends

8.3 Market Drivers

8.4 Market Restraints

9 COVID-19 IMPACT ON SHORT WAVE INFRARED (SWIR) SUPPLY CHAIN ANALYSIS

9.1 Supply Chain Analysis

9.2 Upstream Market Analysis

9.3 Downstream and Clients Market Analysis

9.4 Marketing Channels Analysis

9.4.1 Marketing Channels

9.4.2 Short Wave Infrared (SWIR) Distributors and Sales Agents in Southeast Asia

10 CONCLUSION

11 APPENDIX

11.1 Note

11.2 Examples of Clients

11.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Key Players of Short Wave Infrared (SWIR) in Southeast Asia

Table 2. Top Players in Southeast Asia, Ranking by Revenue (2019)

Table 3. Southeast Asia Short Wave Infrared (SWIR) Revenue by Companies, (US\$, Mn), 2015-2020

Table 4. Southeast Asia Short Wave Infrared (SWIR) Revenue Share by Companies, 2015-2020

Table 5. Southeast Asia Short Wave Infrared (SWIR) Sales by Companies, (Units), 2015-2020

Table 6. Southeast Asia Short Wave Infrared (SWIR) Sales Share by Companies, 2015-2020

Table 7. Key Manufacturers Short Wave Infrared (SWIR) Price (2015-2020) (K USD/Unit)

Table 8. Southeast Asia Manufacturers Short Wave Infrared (SWIR) Product Type

Table 9. List of Southeast Asia Tier 1 Short Wave Infrared (SWIR) Companies, Revenue (US\$, Mn) in 2019 and Market Share

Table 10. List of Southeast Asia Tier 2 and Tier 3 Short Wave Infrared (SWIR) Companies, Revenue (US\$, Mn) in 2019 and Market Share

Table 11. By Type - Short Wave Infrared (SWIR) Revenue in Southeast Asia (US\$, Mn), 2015-2020

Table 12. By Type - Short Wave Infrared (SWIR) Revenue in Southeast Asia (US\$, Mn), 2021-2026

Table 13. By Type - Short Wave Infrared (SWIR) Sales in Southeast Asia (Units), 2015-2020

Table 14. By Type - Short Wave Infrared (SWIR) Sales in Southeast Asia (Units), 2021-2026

Table 15. By Application - Short Wave Infrared (SWIR) Revenue in Southeast Asia, (US\$, Mn), 2015-2020

Table 16. By Application - Short Wave Infrared (SWIR) Revenue in Southeast Asia, (US\$, Mn), 2021-2026

Table 17. By Application - Short Wave Infrared (SWIR) Sales in Southeast Asia, (Units), 2015-2020

Table 18. By Application - Short Wave Infrared (SWIR) Sales in Southeast Asia, (Units), 2021-2026

Table 19. FLIR Systems Corporate Summary

Table 20. FLIR Systems Short Wave Infrared (SWIR) Product Offerings

Table 21. FLIR Systems Short Wave Infrared (SWIR) Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2015-2020)

Table 22. Hamamatsu Photonics Corporate Summary

Table 23. Hamamatsu Photonics Short Wave Infrared (SWIR) Product Offerings

Table 24. Hamamatsu Photonics Short Wave Infrared (SWIR) Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2015-2020)

Table 25. Sensors Unlimited Corporate Summary

Table 26. Sensors Unlimited Short Wave Infrared (SWIR) Product Offerings

Table 27. Sensors Unlimited Short Wave Infrared (SWIR) Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2015-2020)

Table 28. Xenics Corporate Summary

Table 29. Xenics Short Wave Infrared (SWIR) Product Offerings

Table 30. Xenics Short Wave Infrared (SWIR) Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2015-2020)

Table 31. Princeton Instruments Corporate Summary

Table 32. Princeton Instruments Short Wave Infrared (SWIR) Product Offerings

Table 33. Princeton Instruments Short Wave Infrared (SWIR) Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2015-2020)

Table 34. Allied Vision Technologies Corporate Summary

Table 35. Allied Vision Technologies Short Wave Infrared (SWIR) Product Offerings

Table 36. Allied Vision Technologies Short Wave Infrared (SWIR) Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2015-2020)

Table 37. IRCameras Corporate Summary

Table 38. IRCameras Short Wave Infrared (SWIR) Product Offerings

Table 39. IRCameras Short Wave Infrared (SWIR) Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2015-2020)

Table 40. Fluxdata Corporate Summary

Table 41. Fluxdata Short Wave Infrared (SWIR) Product Offerings

Table 42. Fluxdata Short Wave Infrared (SWIR) Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2015-2020)

Table 43. InView Technology Corporate Summary

Table 44. InView Technology Short Wave Infrared (SWIR) Product Offerings

Table 45. InView Technology Short Wave Infrared (SWIR) Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2015-2020)

Table 46. New Imaging Technologies Corporate Summary

Table 47. New Imaging Technologies Short Wave Infrared (SWIR) Product Offerings

Table 48. New Imaging Technologies Short Wave Infrared (SWIR) Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2015-2020)

Table 49. Photonic Science Corporate Summary

- Table 50. Photonic Science Short Wave Infrared (SWIR) Product Offerings
- Table 51. Photonic Science Short Wave Infrared (SWIR) Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2015-2020)
- Table 52. Infiniti Electro-Optics Corporate Summary
- Table 53. Infiniti Electro-Optics Short Wave Infrared (SWIR) Product Offerings
- Table 54. Infiniti Electro-Optics Short Wave Infrared (SWIR) Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2015-2020)
- Table 55. Short Wave Infrared (SWIR) Production Capacity (Units) of Local Manufacturers in Southeast Asia, 2015-2020
- Table 56. Short Wave Infrared (SWIR) Production (Units) of Local Manufacturers in Southeast Asia, 2015-2020
- Table 57. Southeast Asia Short Wave Infrared (SWIR) Production Market Share of Local Manufacturers, 2015-2020
- Table 58. Short Wave Infrared (SWIR) Production Value (US\$, Mn) of Local Manufacturers in Southeast Asia, 2015-2020
- Table 59. Southeast Asia Short Wave Infrared (SWIR) Production Value Market Share of Local Manufacturers, 2015-2020
- Table 60. The Percentage of Short Wave Infrared (SWIR) Production Sold in Southeast Asia and Sold Other Than Southeast Asia by Manufacturers
- Table 61. The Percentage of Short Wave Infrared (SWIR) Production Sold in Southeast Asia and Sold Other Than Southeast Asia by Manufacturers
- Table 62. Dangeguojia Short Wave Infrared (SWIR) Sales (Consumption), Production, Export and Import, 2015-2020
- Table 63. Raw Materials and Suppliers
- Table 64. Short Wave Infrared (SWIR) Downstream Clients in Southeast Asia
- Table 65. Short Wave Infrared (SWIR) Distributors and Sales Agents in Southeast Asia

List Of Figures

LIST OF FIGURES

Figure 1. Short Wave Infrared (SWIR) Segment by Type

Figure 2. Short Wave Infrared (SWIR) Segment by Application

Figure 3. Dangeguojia Short Wave Infrared (SWIR) Market Overview: 2020

Figure 4. Key Caveats

Figure 5. Short Wave Infrared (SWIR) Market Size in Southeast Asia, (US\$, Mn) & (Units): 2020 VS 2026

Figure 6. Southeast Asia Short Wave Infrared (SWIR) Revenue, 2015-2026 (US\$, Mn)

Figure 7. Short Wave Infrared (SWIR) Sales in Southeast Asia: 2015-2026 (Units)

Figure 8. The Top 3 and 5 Players Market Share by Short Wave Infrared (SWIR) Revenue in 2019

Figure 9. By Type - Southeast Asia Short Wave Infrared (SWIR) Incremental Growth, (US\$, Mn), 2015-2026

Figure 10. By Type - Southeast Asia Short Wave Infrared (SWIR) Market Share, 2015-2020

Figure 11. By Type - Southeast Asia Short Wave Infrared (SWIR) Market Share, 2020-2026

Figure 12. By Type - Southeast Asia Short Wave Infrared (SWIR) Price (K USD/Unit), 2015-2026

Figure 13. By Application - Short Wave Infrared (SWIR) Revenue in Southeast Asia (US\$, Mn), 2020 & 2026

Figure 14. By Application - Southeast Asia Short Wave Infrared (SWIR) Market Share, 2015-2020

Figure 15. By Application - Southeast Asia Short Wave Infrared (SWIR) Market Share, 2020-2026

Figure 16. By Application - Southeast Asia Short Wave Infrared (SWIR) Price (K USD/Unit), 2015-2026

Figure 17. Southeast Asia Short Wave Infrared (SWIR) Production Capacity (Units), 2015-2026

Figure 18. Southeast Asia Short Wave Infrared (SWIR) Actual Output (Units), 2015-2026

Figure 19. Southeast Asia Short Wave Infrared (SWIR) Production Value (US\$, Mn), 2015-2026

Figure 20. The Percentage of Southeast Asia Short Wave Infrared (SWIR) Export Destination, 2019

Figure 21. The Source of Imports of Southeast Asia Short Wave Infrared (SWIR), 2019

Figure 22. PEST Analysis for Southeast Asia Short Wave Infrared (SWIR) Market in 2020

Figure 23. Short Wave Infrared (SWIR) Market Opportunities & Trends in Southeast Asia

Figure 24. Short Wave Infrared (SWIR) Market Drivers in Southeast Asia

Figure 25. Short Wave Infrared (SWIR) Market Restraints in Southeast Asia

Figure 26. Short Wave Infrared (SWIR) Industry Value Chain

I would like to order

Product name: Short Wave Infrared (SWIR) Market in Southeast Asia - Manufacturing and Consumption, Outlook and Forecast 2020-2026

Product link: <https://marketpublishers.com/r/SBFBFE7EFF9AEN.html>

Price: US\$ 2,700.00 (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/SBFBFE7EFF9AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

