

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

<https://marketpublishers.com/r/S61296D7B0AEEN.html>

Date: April 2020

Pages: 102

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

ID: S61296D7B0AEEN

## 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 $\mu$ m wavelength range, but can also be classified from 0.7 – 2.5 $\mu$ m. Since silicon sensors have an upper limit of approximately 1.0 $\mu$ 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 France, including the following market information:

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

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

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

Top Five Competitors in France 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 France 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 France

Total Market by Segment:

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

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

SWIR Area Cameras

SWIR Linear Cameras

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

France 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 France, by Players 2015-2020 (Estimated), (\$ millions)

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

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

Total France 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 France 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: FRANCE SHORT WAVE INFRARED (SWIR) OVERALL MARKET SIZE**

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

### **3 COMPANY LANDSCAPE**

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

## **4 SIGHTS BY PRODUCT**

### 4.1 Overview

4.1.1 By Type - France 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 - France Short Wave Infrared (SWIR) Revenue & Forecasts

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

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

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

### 4.3 By Type - France Short Wave Infrared (SWIR) Sales & Forecasts

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

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

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

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

## **5 SIGHTS BY APPLICATION**

### 5.1 Overview

5.1.1 By Application - France 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 - France Short Wave Infrared (SWIR) Revenue & Forecasts

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

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

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

### 5.3 By Application - France Short Wave Infrared (SWIR) Sales & Forecasts

5.3.1 By Application - France Short Wave Infrared (SWIR) Sales, 2015-2020

5.3.2 By Application - France Short Wave Infrared (SWIR) Sales, 2021-2026

5.3.3 By Application - France Short Wave Infrared (SWIR) Sales Market Share, 2015-2026

5.4 By Application - France 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 France (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 France (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 France (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 France (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 France (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 France (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 France (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 France (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 France (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 France (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 France (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 France (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 France, Situation Analysis and Prediction, 2015-2026

7.1.1 France Short Wave Infrared (SWIR) Production Capacity, 2015-2026

7.1.2 France Short Wave Infrared (SWIR) Production 2015-2026

7.1.3 France Short Wave Infrared (SWIR) Production Value 2015-2026

7.2 Key Local Short Wave Infrared (SWIR) Manufacturers in France

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

7.2.2 France Key Local Short Wave Infrared (SWIR) Manufacturers Production

7.2.3 France Key Local Short Wave Infrared (SWIR) Manufacturers Production Value

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

7.3 Short Wave Infrared (SWIR) Export and Import in France

7.3.1 France Short Wave Infrared (SWIR) Export Market

7.3.2 France Short Wave Infrared (SWIR) Source of Imports

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

8.1 PESTLE Analysis for France 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 France

## **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 France
- Table 2. Top Players in France, Ranking by Revenue (2019)
- Table 3. France Short Wave Infrared (SWIR) Revenue by Companies, (US\$, Mn), 2015-2020
- Table 4. France Short Wave Infrared (SWIR) Revenue Share by Companies, 2015-2020
- Table 5. France Short Wave Infrared (SWIR) Sales by Companies, (Units), 2015-2020
- Table 6. France 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. France Manufacturers Short Wave Infrared (SWIR) Product Type
- Table 9. List of France Tier 1 Short Wave Infrared (SWIR) Companies, Revenue (US\$, Mn) in 2019 and Market Share
- Table 10. List of France 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 France (US\$, Mn), 2015-2020
- Table 12. By Type - Short Wave Infrared (SWIR) Revenue in France (US\$, Mn), 2021-2026
- Table 13. By Type - Short Wave Infrared (SWIR) Sales in France (Units), 2015-2020
- Table 14. By Type - Short Wave Infrared (SWIR) Sales in France (Units), 2021-2026
- Table 15. By Application - Short Wave Infrared (SWIR) Revenue in France, (US\$, Mn), 2015-2020
- Table 16. By Application - Short Wave Infrared (SWIR) Revenue in France, (US\$, Mn), 2021-2026
- Table 17. By Application - Short Wave Infrared (SWIR) Sales in France, (Units), 2015-2020
- Table 18. By Application - Short Wave Infrared (SWIR) Sales in France, (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 France, 2015-2020

Table 56. Short Wave Infrared (SWIR) Production (Units) of Local Manufacturers in France, 2015-2020

Table 57. France 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 France, 2015-2020

Table 59. France 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 France and Sold Other Than France by Manufacturers

Table 61. The Percentage of Short Wave Infrared (SWIR) Production Sold in France and Sold Other Than France 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 France

Table 65. Short Wave Infrared (SWIR) Distributors and Sales Agents in France

## 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. Dangequojia Short Wave Infrared (SWIR) Market Overview: 2020
- Figure 4. Key Caveats
- Figure 5. Short Wave Infrared (SWIR) Market Size in France, (US\$, Mn) & (Units): 2020 VS 2026
- Figure 6. France Short Wave Infrared (SWIR) Revenue, 2015-2026 (US\$, Mn)
- Figure 7. Short Wave Infrared (SWIR) Sales in France: 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 - France Short Wave Infrared (SWIR) Incremental Growth, (US\$, Mn), 2015-2026
- Figure 10. By Type - France Short Wave Infrared (SWIR) Market Share, 2015-2020
- Figure 11. By Type - France Short Wave Infrared (SWIR) Market Share, 2020-2026
- Figure 12. By Type - France Short Wave Infrared (SWIR) Price (K USD/Unit), 2015-2026
- Figure 13. By Application - Short Wave Infrared (SWIR) Revenue in France (US\$, Mn), 2020 & 2026
- Figure 14. By Application - France Short Wave Infrared (SWIR) Market Share, 2015-2020
- Figure 15. By Application - France Short Wave Infrared (SWIR) Market Share, 2020-2026
- Figure 16. By Application -France Short Wave Infrared (SWIR) Price (K USD/Unit), 2015-2026
- Figure 17. France Short Wave Infrared (SWIR) Production Capacity (Units), 2015-2026
- Figure 18. France Short Wave Infrared (SWIR) Actual Output (Units), 2015-2026
- Figure 19. France Short Wave Infrared (SWIR) Production Value (US\$, Mn), 2015-2026
- Figure 20. The Percentage of France Short Wave Infrared (SWIR) Export Destination, 2019
- Figure 21. The Source of Imports of France Short Wave Infrared (SWIR), 2019
- Figure 22. PEST Analysis for France Short Wave Infrared (SWIR) Market in 2020
- Figure 23. Short Wave Infrared (SWIR) Market Opportunities & Trends in France
- Figure 24. Short Wave Infrared (SWIR) Market Drivers in France
- Figure 25. Short Wave Infrared (SWIR) Market Restraints in France
- Figure 26. Short Wave Infrared (SWIR) Industry Value Chain

## I would like to order

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

Product link: <https://marketpublishers.com/r/S61296D7B0AEEN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S61296D7B0AEEN.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

