



# Shortwave Infrared (SWIR) Market 2019 Global Share, Trend, Segmentation And Forecast To 2024

*Shortwave Infrared (SWIR) -Market Demand, Growth, Opportunities and Analysis Of Top Key Player Forecast To 2024*

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## Description

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Shortwave 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. Shortwave infrared (SWIR) defines a specific wavelength range over which optical and electronic components are designed and coated. SWIR imaging offers a number of advantages compared to visible when used for inspection, sorting, surveillance, quality control, and host of other applications.

North America held the largest size of the SWIR market in 2017 and is expected to witness significant growth during the forecast period. Military and defense, industrial, and commercial are the major verticals that account for a significant share of the SWIR market in North America. Besides, this region is witnessing increasing demand for these cameras, especially cooled SWIR cameras, from the scientific research vertical.

The global Shortwave Infrared (SWIR) market is valued at 700 million US\$ in 2018 is expected to reach 1310 million US\$ by the end of 2025, growing at a CAGR of 8.1% during 2019-2025.

This report focuses on Shortwave Infrared (SWIR) volume and value at global level, regional level and company level. From a global perspective, this report represents overall Shortwave Infrared (SWIR) market size by analyzing historical data and future prospect. Regionally, this report focuses on several key regions: North America, Europe, China and Japan.

At company level, this report focuses on the production capacity, ex-factory price, revenue and market share for each manufacturer covered in this report.

The following manufacturers are covered:

Sensors Unlimited  
Flir Systems  
Xenics  
New Imaging Technologies  
Allied Vision Technologies  
Raptor Photonics  
Sofradir Group

Princeton Instruments  
Photon Etc  
Hamamatsu Photonics

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Segment by Regions  
North America  
Europe  
China  
Japan

Segment by Type

By Scanning Type  
Area Scan  
Line Scan

By Technology  
Cooled  
Uncooled

Segment by Application  
Scientific Research  
Commercial  
Industrial  
Medical  
Military & Defense  
Others

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