

North America SWIR Market By Material Type (Indium Gallium Arsenide, Mercury cadmium Telluride, Indium Antimonide and Lead Sulfide), By Application and By Industry Type - Analysis and Forecast (2014 - 2019)North America Short Wave IR Market

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Abstracts

The North American SWIR market is estimated to grow at a CAGR of 12.07% from 2014 to 2019. Mature markets such as the U.S. hold the largest share in the SWIR market and are expected to grow at the highest CAGR of 12.45% in the forecast period. A continuous reduction in the price of SWIR spectral range detectors throughout the forecast period will be one of the strong factors that will increase the penetration of these detectors in fast-growing applications such as smart homes, medical imaging, vision enhancement, and automotive markets.

In this report, the industrial sector of the North American SWIR market has been classified into Semiconductor Industry, Manufacturing & Process Industry, Agriculture Industry, Scientific Research & Life sciences, Automotive Industry, Commercial, and Military & Defense. The automotive industry is estimated to grow at the highest CAGR from 2014 to 2019. Semiconductor applications, temperature measurement, and spectroscopy are expected to be key applications driving the North American market. The flourishing economies of the U.S. and Canada are expected to be the key reason for this high growth rate.

Geographically, the U.S. accounted for the largest share of 88% of the North-American SWIR market in 2014. The SWIR market in North-America is primarily driven by factors including increasing demand from Manufacturing & Process Industry, Military & Defense, and Automotive Industry.

The North-American SWIR market is a competitive market with a number of market players with niche technologies. Some of the key players in this market are FLIR Systems Inc. (Wilsonville), Headwall Photonics Inc. (Fitchburg), and Allied Vision Technologies (Germany) among others. Most of these players have adopted strategies such as new product launches, partnerships, agreements, collaborations, and joint ventures to attain growth in the market.

Reasons to Buy the Report:

From an insight perspective, this research report has focused on various levels of analysis—industry analysis, market share analysis of top players, company profiles, which together comprise and discuss the basic views on the competitive landscape, emerging- and high-growth segments of the SWIR market, high-growth regions and countries and their respective regulatory policies, government initiatives, drivers, restraints, and opportunities.

The report will enrich both established firms as well as new entrants/smaller firms to gauge the pulse of the market, which in turn will help the firms in garnering a greater market share. Firms purchasing the report could use any one or combination of the below mentioned five strategies (market penetration, product development/innovation, market development, market diversification, and competitive assessment) for strengthening their market share.

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on SWIR product offered by the top 10 players in the North-America SWIR market

Product Development/Innovation: Detailed insights on upcoming technologies, research and development activities, and new product launches in the North-America SWIR market

Market Development: Comprehensive information about lucrative emerging markets. The report analyzes the markets for various North-America SWIR market across geographies

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the North-America SWIR market

Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of leading players in the North-America SWIR market

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*Details on Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, MnM View might not be captured in case of unlisted companies.

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