

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

<https://marketpublishers.com/r/N402BC7BF3CEN.html>

Date: February 2015

Pages: 90

Price: US\$ 2,650.00 (Single User License)

ID: N402BC7BF3CEN

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

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION AND SCOPE OF THE STUDY
- 1.3 MARKETS COVERED
- 1.4 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 INTEGRATED ECOSYSTEM OF THE NORTH AMERICA SWIR MARKET
- 2.2 ARRIVING AT THE MARKET SIZE OF THE NORTH AMERICA SWIR MARKET
- 2.3 TOP-DOWN APPROACH
- 2.4 BOTTOM-UP APPROACH
- 2.5 DEMAND SIDE APPROACH
- 2.6 MACRO INDICATORS
- 2.7 ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 MARKET OVERVIEW

- 4.1 INTRODUCTION
- 4.2 MARKET DRIVERS AND INHIBITORS
- 4.3 DEMAND SIDE ANALYSIS
- 4.4 KEY MARKET DYNAMICS

5 NORTH AMERICA SWIR MARKET, BY MATERIAL

- 5.1 INTRODUCTION
- 5.2 NORTH AMERICA MERCURY CADMIUM TELLURIDE MARKET, BY GEOGRAPHY
- 5.3 NORTH AMERICA INDIUM GALLIUM ARSENIDE MARKET, BY GEOGRAPHY
- 5.4 NORTH AMERICA INDIUM ANTIMONIDE MARKET, BY GEOGRAPHY
- 5.5 NORTH AMERICA LEAD SULFIDE MARKET, BY GEOGRAPHY

6 NORTH AMERICA SWIR MARKET, BY INDUSTRY VERTICAL

- 6.1 INTRODUCTION
- 6.2 MARKET OVERVIEW
 - 6.2.1 SEMICONDUCTOR INDUSTRY
 - 6.2.2 MANUFACTURING & PROCESS INDUSTRY
 - 6.2.3 AGRICULTURE INDUSTRY
 - 6.2.4 SCIENTIFIC RESEARCH & LIFE SCIENCES
 - 6.2.5 AUTOMOTIVE INDUSTRY
 - 6.2.6 COMMERCIAL SECTOR
 - 6.2.7 MILITARY & DEFENSE

7 NORTH AMERICA SWIR MARKET, BY GEOGRAPHY

- 7.1 INTRODUCTION
- 7.2 MARKET OVERVIEW
 - 7.2.1 THE UNITED STATES OF AMERICA
 - 7.2.1.1 THE U.S.: INDUSTRY VERTICAL SEGMENTATION
 - 7.2.2 CANADA
 - 7.2.2.1 CANADA: INDUSTRY VERTICAL SEGMENTATION
 - 7.2.3 MEXICO
 - 7.2.3.1 MEXICO: INDUSTRY VERTICAL SEGMENTATION

8 NORTH AMERICA SWIR MARKET, COMPANY LANDSCAPE

- 8.1 NORTH AMERICA SWIR MARKET: COMPANY SHARE ANALYSIS
- 8.2 MARKET SHARE ANALYSIS OF SWIR
 - 8.2.1 MERGERS & ACQUISITIONS
 - 8.2.2 NEW PRODUCT DEVELOPMENTS
 - 8.2.3 NEW AGREEMENTS
 - 8.2.4 EXPANSIONS

9 NORTH AMERICA SWIR MARKET, BY COMPANY

(Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, MnM View)*

- 9.1 FLIR SYSTEMS, INC.
- 9.2 HEADWALL PHOTONICS INC.
- 9.3 ALLIED VISION TECHNOLOGIES
- 9.4 OPTO ENGINEERING
- 9.5 XENICS

- 9.6 DRS TECHNOLOGIES INC.
- 9.7 SENSORS UNLIMITED, INC.
- 9.8 EXCELITAS TECHNOLOGIES CORP.
- 9.9 FLUKE CORPORATION
- 9.10 ULIS
- 9.11 HAMAMATSU PHOTONICS K.K

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

10 APPENDIX

- 10.1 CUSTOMIZATION OPTIONS
 - 10.1.1 PRODUCT PORTFOLIO ANALYSIS
 - 10.1.2 COUNTRY LEVEL DATA ANALYSIS
 - 10.1.3 PRODUCT COMPARISON OF VARIOUS COMPETITORS
- 10.2 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE

List Of Tables

LIST OF TABLES

TABLE 1 NORTH AMERICA: SWIR MARKET SIZE, BY APPLICATION, 2014 (USD MN)

TABLE 2 NORTH AMERICA SWIR MARKET: COMPARISON WITH PARENT MARKET, 2013 – 2019 (USD MN)

TABLE 3 NORTH AMERICA SWIR MARKET: DRIVERS AND INHIBITORS

TABLE 4 NORTH AMERICA SWIR MARKET: COMPARISON WITH THE APPLICATION MARKET, 2013 - 2019 (USD MN)

TABLE 5 NORTH AMERICA SWIR MATERIAL MARKET, 2013-2019 (USD MN)

TABLE 6 NORTH AMERICA: SWIR MARKET, BY MATERIAL, 2013-2019 (USD MN)

TABLE 7 NORTH AMERICA MERCURY CADMIUM TELLURIDE MARKET, BY GEOGRAPHY, 2013–2019 (USD MN)

TABLE 8 NORTH AMERICA INDIUM GALLIUM ARSENIDE MARKET, BY GEOGRAPHY, 2013-2019 (USD MN)

TABLE 9 NORTH AMERICA INDIUM ANTIMONIDE MARKET, BY GEOGRAPHY, 2013-2019 (USD MN)

TABLE 10 NORTH AMERICA LEAD SULFIDE MARKET, BY GEOGRAPHY, 2013 - 2019 (USD MN)

TABLE 11 NORTH AMERICA SWIR MARKET, BY INDUSTRY VERTICAL, 2013–2019 (USD MN)

TABLE 12 NORTH AMERICA SWIR MARKET, BY APPLICATION, 2013–2019 (USD MN)

TABLE 13 NORTH AMERICA SEMICONDUCTOR INDUSTRY SWIR MARKET, BY SUB-SEGMENT, 2013–2019 (USD MN)

TABLE 14 NORTH AMERICA SEMICONDUCTOR INDUSTRY SWIR MARKET, BY GEOGRAPHY, 2013–2019 (USD MN)

TABLE 15 NORTH AMERICA MANUFACTURING & PROCESS INDUSTRY SWIR MARKET, BY SUB-SEGMENT, 2013–2019 (USD MN)

TABLE 16 NORTH AMERICA MANUFACTURING & PROCESS INDUSTRY SWIR MARKET, BY GEOGRAPHY, 2013–2019 (USD MN)

TABLE 17 NORTH AMERICA AGRICULTURE INDUSTRY SWIR MARKET, BY GEOGRAPHY, 2013–2019 (USD MN)

TABLE 18 NORTH AMERICA SCIENTIFIC RESEARCH & LIFE SCIENCES SECTOR SWIR MARKET, BY SUB-SEGMENT, 2013–2019 (USD MN)

TABLE 19 NORTH AMERICA SCIENTIFIC RESEARCH & LIFE SCIENCES SECTOR SWIR MARKET, BY GEOGRAPHY, 2013–2019 (USD MN)

- TABLE 20 NORTH AMERICA AUTOMOTIVE INDUSTRY SWIR MARKET, BY GEOGRAPHY, 2013–2019 (USD MN)
- TABLE 21 NORTH AMERICA COMMERCIAL SECTOR SWIR MARKET, BY SUB-SEGMENT, 2013–2019 (USD MN)
- TABLE 22 NORTH AMERICA: COMMERCIAL SECTOR SWIR MARKET, BY GEOGRAPHY, 2013–2019 (USD MN)
- TABLE 23 NORTH AMERICA: MILITARY & DEFENSE SECTOR SWIR MARKET, BY GEOGRAPHY, 2013–2019 (USD MN)
- TABLE 24 NORTH AMERICA: SWIR MARKET, BY GEOGRAPHY, 2013 - 2019 (USD MN)
- TABLE 25 THE UNITED STATES OF AMERICA SWIR MARKET, BY INDUSTRY VERTICAL SEGMENTATION, 2013 - 2019 (USD MN)
- TABLE 26 CANADA: SWIR MARKET, BY INDUSTRY VERTICAL SEGMENTATION, 2013 - 2019 (USD MN)
- TABLE 27 MEXICO SWIR MARKET, BY INDUSTRY VERTICAL SEGMENTATION, 2013 - 2019 (USD MN)
- TABLE 28 NORTH AMERICA SWIR MARKET: COMPANY SHARE ANALYSIS, 2014 (%)
- TABLE 29 NORTH AMERICA SWIR MARKET: MERGERS & ACQUISITIONS
- TABLE 30 NORTH AMERICA SWIR MARKET: NEW PRODUCT DEVELOPMENTS AND ANNOUNCEMENTS
- TABLE 31 NORTH AMERICA SWIR MARKET: NEW AGREEMENTS
- TABLE 32 NORTH AMERICA SWIR MARKET: EXPANSIONS
- TABLE 33 FLIR SYSTEMS, MARKET REVENUE, BY SEGMENT, 2009-2013 ((USD MN))
- TABLE 34 FLIR SYSTEMS, MARKET REVENUE, BY GEOGRAPHY, 2009-2013 (USD MN))
- TABLE 35 ALLIED VISION TECHNOLOGIES: MARKET REVENUE, 2008-2012 ((USD MN))
- TABLE 36 OPTO ENGINEERING, MARKET REVENUE, 2011-2013 ((USD MN))
- TABLE 37 TABLE 1: XENICS: MARKET REVENUE, 2011-2013 (USD MN)
- TABLE 38 HAMAMATSU PHOTONICS KK: MARKET REVENUE, BY SEGMENT, 2009 – 2013 (USD MN)
- TABLE 39 HAMAMATSU PHOTONICS KK: MARKET REVENUE, BY GEOGRAPHY, 2009 – 2010 (USD MN)

List Of Figures

LIST OF FIGURES

FIGURE 1 NORTH AMERICA SWIR MARKET SEGMENTATION & COVERAGE

FIGURE 2 NORTH AMERICA SWIR MARKET: INTEGRATED ECOSYSTEM

FIGURE 3 RESEARCH METHODOLOGY

FIGURE 4 TOP-DOWN APPROACH

FIGURE 5 NORTH AMERICA SWIR MARKET SIZE, 2014 (USD MN)

FIGURE 6 BOTTOM-UP APPROACH

FIGURE 7 DEMAND SIDE APPROACH

FIGURE 8 MACRO INDICATOR-BASED APPROACH

FIGURE 9 NORTH AMERICA SWIR MARKET SNAPSHOT

FIGURE 10 NORTH AMERICA SWIR MARKET: COMPARISON WITH PARENT MARKET

FIGURE 11 FIGURE NORTH AMERICA SWIR MATERIAL MARKET, BY GEOGRAPHY, 2014 (USD MN)

FIGURE 12 NORTH AMERICA SWIR MARKET, BY MATERIALS, 2013-2019 (USD MN)

FIGURE 13 NORTH AMERICA MERCURY CADMIUM TELLURIDE SWIR MARKET, BY GEOGRAPHY, 2013–2019 (USD MN)

FIGURE 14 NORTH AMERICA INDIUM GALLIUM ARSENIDE MARKET, BY GEOGRAPHY, 2013 - 2019 (USD MN)

FIGURE 15 NORTH AMERICA INDIUM ANTIMONIDE MARKET, BY GEOGRAPHY, 2013 – 2019 (USD MN)

FIGURE 16 NORTH AMERICA LEAD SULFIDE MARKET, BY GEOGRAPHY, 2013-2019 (USD MN)

FIGURE 17 NORTH AMERICA SWIR TECHNOLOGY MARKET, BY INDUSTRY VERTICAL, 2013-2019 (USD MN)

FIGURE 18 NORTH AMERICA SWIR MARKET, BY APPLICATION, 2013-2019 (USD MN)

FIGURE 19 NORTH AMERICA SEMICONDUCTOR INDUSTRY SWIR MARKET, BY GEOGRAPHY, 2013-2019 (USD MN)

FIGURE 20 NORTH AMERICA MANUFACTURING & PROCESS INDUSTRY SWIR MARKET, BY GEOGRAPHY, 2013-2019 (USD MN)

FIGURE 21 NORTH AMERICA AGRICULTURE INDUSTRY SWIR MARKET, BY GEOGRAPHY, 2013-2019 (USD MN)

FIGURE 22 FIGURE: NORTH AMERICA SCIENTIFIC RESEARCH & LIFE SCIENCES SECTOR SWIR MARKET, BY GEOGRAPHY, 2013-2019 (USD MN)

FIGURE 23 NORTH AMERICA AUTOMOTIVE INDUSTRY SWIR MARKET, BY GEOGRAPHY, 2013-2019 (USD MN)

FIGURE 24 NORTH AMERICA: COMMERCIAL SECTOR SWIR MARKET, BY GEOGRAPHY, 2013-2019 (USD MN)

FIGURE 25 NORTH AMERICA: MILITARY & DEFENSE SECTOR SWIR MARKET, BY GEOGRAPHY, 2013-2019 (USD MN)

FIGURE 26 THE U.S. SWIR MARKET OVERVIEW, 2014 & 2019 (USD MN)

FIGURE 27 THE U.S.: SWIR MARKET, BY INDUSTRY VERTICAL SEGMENTATION, 2013 - 2019 (USD MN)

FIGURE 28 THE UNITED STATES OF AMERICA SWIR MARKET: INDUSTRY VERTICAL SNAPSHOT

FIGURE 29 CANADA SWIR MARKET OVERVIEW, 2014 & 2019 (USD MILLION)

FIGURE 30 CANADA: SWIR MARKET, BY INDUSTRY VERTICAL SEGMENTATION, 2013 - 2019 (USD MN)

FIGURE 31 CANADA SWIR MARKET: INDUSTRY VERTICAL SNAPSHOT

FIGURE 32 MEXICO SWIR MARKET OVERVIEW, 2014 & 2019 (USD MN)

FIGURE 33 MEXICO SWIR MARKET, BY INDUSTRY VERTICAL SEGMENTATION, 2013 - 2019 (USD MN)

FIGURE 34 CANADA SWIR MARKET: INDUSTRY VERTICAL SNAPSHOT

FIGURE 35 COMPANY PRESENCE IN SWIR MARKET, BY MATERIALS

I would like to order

Product name: 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

Product link: <https://marketpublishers.com/r/N402BC7BF3CEN.html>

Price: US\$ 2,650.00 (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/N402BC7BF3CEN.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