

South America IR Detector Market by Technology (Mercury Cadmium Telluride, Indium Gallium Arsenide, Pyroelectric, Thermopiles, and Microbolometers), by Spectral Range (SWIR, MWIR, and LWIR), and by Country - Analysis and Forecast (2014 - 2019)

<https://marketpublishers.com/r/S3808E79EECEN.html>

Date: March 2015

Pages: 87

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

ID: S3808E79EECEN

Abstracts

The South American IR Detector market is estimated to grow with a CAGR of 8.2% through the forecasted period. The growth of South America IR Detector market is driven by factors such as rising security concerns and the growth in the demand of 'contact less temperature measurement' and 'motion sensing' in consumer electronics application – which have boosted the IR detector market. In the overall IR detector market, the people and motion sensing application is expected to be the highest revenue generator and lead the market, from the demand side

In this report, the South America IR Detector market has been broadly classified by technology such as Mercury Cadmium Telluride, INGAAS, Pyroelectric, Thermopiles, and Micro Bolometers. The smart homes and motion sensing application segment is growing at a fast CAGR of 8.8% and 9.4% respectively.

The IR detector technologies enable the systems that help to interact with the outer world without touching it. It mainly detects the radiations from the objects around it. This report gives a detailed analysis of these detection technologies, and their broad existing and emerging markets. The various application segments for the IR Detector in the South American region are people and motion sensing, temperature measurement, fire and gas detection, spectroscopy, bio medical imaging, smart homes, and other application.

There are number of players in South America region for IR Detector market which makes it competitive. As of 2014, the South America IR Detector market has top market players such as Murata Manufacturing Co. Ltd., Flir Systems, Inc., Excelitas Technologies Corp., and Omron Corporation. Currently, two companies dominate the IR Detector market: Excelitas Technologies Corp. & Murata manufacturing Co. Ltd., both, account for a majority of the market share.

Customization Options:

Along with the market data, you can also customize the MMM assessments that are in accordance to your company's specific needs. Customize to get comprehensive industry standard and deep-dive analysis of the following parameters:

Product Analysis:

- Usage pattern (in-depth trend analysis) of products (segment-wise)

- Product matrix, which gives a detailed comparison of product portfolio of each company mapped at country and sub-segment level

- End-user adoption rate analysis of the products (segment-wise and country-wise)

- Comprehensive coverage of product approvals, pipeline products, and product recalls.

Data from Manufacturing Firms:

- Fast turn-around analysis of manufacturing firms' responses to recent market events and trends

- Various firms' opinions about different applications where IR Detectors can be used

- Qualitative inputs on macro-economic indicators, mergers & acquisitions in each geography.

Comparative Analysis:

Market data and key developments of top companies

Shipment/Volume Data:

Tracking the value of components shipped annually in each geography

Trend analysis of Application:

Application matrix, which gives a detailed comparison of application portfolio of each company, mapped in each geography

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 SOUTH AMERICA IR DETECTOR MARKET
- 2.2 ARRIVING AT THE MARKET SIZE OF THE SOUTH AMERICA IR DETECTOR 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 SOUTH AMERICA IR DETECTOR MARKET: COMPARISON WITH THE PARENT MARKET
- 4.3 MARKET DRIVERS AND INHIBITORS
- 4.4 DEMAND SIDE ANALYSIS
- 4.5 KEY MARKET DYNAMICS

5 SOUTH AMERICA IR DETECTOR MARKET, BY TECHNOLOGY

- 5.1 INTRODUCTION
- 5.2 MERCURY CADMIUM TELLURIDE
- 5.3 INDIUM GALLIUM ARSENIDE
- 5.4 PYROELECTRIC
- 5.5 THERMOPILE
- 5.6 MICRO BOLOMETER

6 SOUTH AMERICA IR DETECTOR MARKET, BY SPECTRAL RANGE

- 6.1 INTRODUCTION
- 6.2 SWIR (SHORT WAVE INFRARED)
- 6.3 MWIR (MID WAVE INFRARED)
- 6.4 LWIR (LONG WAVE INFRARED)

7 SOUTH AMERICA IR DETECTOR MARKET, BY APPLICATION

- 7.1 INTRODUCTION
- 7.2 MARKET OVERVIEW
 - 7.2.1 PEOPLE & MOTION SENSING
 - 7.2.2 TEMPERATURE MEASUREMENT
 - 7.2.3 FIRE AND GAS DETECTION
 - 7.2.4 SPECTROSCOPY
 - 7.2.5 BIO MEDICAL IMAGING
 - 7.2.6 SMART HOMES

8 SOUTH AMERICA IR DETECTOR MARKET, BY GEOGRAPHY

- 8.1 INTRODUCTION
- 8.2 MARKET OVERVIEW
 - 8.2.1 BRAZIL
 - 8.2.1.1 BRAZIL IR DETECTOR MARKET, BY APPLICATION
 - 8.2.2 ARGENTINA
 - 8.2.2.1 ARGENTINA IR DETECTOR MARKET, BY APPLICATION
 - 8.2.3 REST OF SOUTH AMERICA
 - 8.2.3.1 REST OF SOUTH AMERICA IR DETECTOR MARKET, BY APPLICATION

9 SOUTH AMERICA IR DETECTOR MARKET: COMPETITIVE LANDSCAPE

- 9.1 SOUTH AMERICA IR DETECTOR MARKET: COMPANY SHARE ANALYSIS
- 9.2 COMPANY PRESENCE IN IR DETECTOR MARKET, BY TECHNOLOGY
- 9.3 MARKET SHARE ANALYSIS OF IR DETECTOR
 - 9.3.1 MERGERS & ACQUISITIONS
 - 9.3.2 NEW PRODUCT DEVELOPMENTS
 - 9.3.3 NEW AGREEMENTS

10 SOUTH AMERICA IR DETECTOR MARKET, BY COMPANY

10.1 FLIR SYSTEMS, INC.

10.1.1 COMPANY SNAPSHOT

10.1.2 PRODUCT PORTFOLIO

10.1.3 FINANCIALS

10.1.4 DEVELOPMENTS

10.1.5 MMM ANALYSIS

10.2 EXCELITAS TECHNOLOGIES CORP.

10.2.1 COMPANY SNAPSHOT

10.2.2 PRODUCT PORTFOLIO

10.2.3 FINANCIALS

10.2.4 DEVELOPMENTS

10.2.5 MMM ANALYSIS

10.3 MURATA MANUFACTURING CO. LTD

10.3.1 COMPANY SNAPSHOT

10.3.2 PRODUCT PORTFOLIO

10.3.3 FINANCIALS

10.3.4 DEVELOPMENTS

10.3.5 MMM ANALYSIS

10.4 MELEXIS N.V.

10.4.1 COMPANY SNAPSHOT

10.4.2 PRODUCT PORTFOLIO

10.4.3 FINANCIALS

10.4.4 DEVELOPMENTS

10.4.5 MMM ANALYSIS

10.5 OMRON CORPORATION

10.5.1 COMPANY SNAPSHOT

10.5.2 PRODUCT PORTFOLIO

10.5.3 FINANCIALS

10.5.4 DEVELOPMENTS

10.5.5 MMM ANALYSIS

11 APPENDIX

11.1 CUSTOMIZATION OPTIONS

11.1.1 PRODUCT PORTFOLIO ANALYSIS

11.1.2 COUNTRY LEVEL DATA ANALYSIS

11.1.3 PRODUCT COMPARISON OF VARIOUS COMPETITORS

12 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE

12.1 RT SNAPSHOTS

12.1.1 SNAPSHOT 1: ECOSYSTEM

12.1.2 SNAPSHOT 2: QUANTITATIVE CHART

12.1.3 SNAPSHOT 3: HEAT MAP, COMPANIES

List Of Tables

LIST OF TABLES

TABLE 1 SOUTH AMERICA: IR DETECTOR MARKET SIZE, 2014 (USD MILLION)

TABLE 2 SOUTH AMERICA: IR DETECTOR MARKET, BY APPLICATION, 2014 (USD MILLION)

TABLE 3 R&D EXPENDITURE, VALUE, 2014 (USD MILLION)

TABLE 4 SOUTH AMERICA IR DETECTOR MARKET: COMPARISON WITH THE PARENT MARKET, 2014 – 2019 (\$MILLION)

TABLE 5 SOUTH AMERICA IR DETECTOR MARKET: DRIVERS AND INHIBITORS

TABLE 6 SOUTH AMERICA IR DETECTOR MARKET: COMPARISON WITH APPLICATION MARKETS, 2013-2019 (USD MN)

TABLE 7 SOUTH AMERICA IR DETECTOR TECHNOLOGY MARKET, 2013-2019 (USD MN)

TABLE 8 SOUTH AMERICA IR DETECTOR MARKET, BY TECHNOLOGY, 2013-2019 (USD MN)

TABLE 9 SOUTH AMERICA MERCURY CADMIUM TELLURIDE IR DETECTOR MARKET, BY GEOGRAPHY, 2013–2019 (USD MN)

TABLE 10 SOUTH AMERICA: INDIUM GALLIUM ARSENIDE IR DETECTOR MARKET, BY GEOGRAPHY, 2013-2019 (USD MN)

TABLE 11 SOUTH AMERICA PYROELECTRIC IR DETECTOR MARKET, BY GEOGRAPHY, 2013 – 2019 (USD MN)

TABLE 12 SOUTH AMERICA THERMOPILE IR DETECTOR MARKET, BY GEOGRAPHY, 2013-2019 (USD MN)

TABLE 13 SOUTH AMERICA MICRO BOLOMETER IR DETECTOR MARKET, BY GEOGRAPHY, 2013-2019 (USD MN)

TABLE 14 SPECTRAL RANGE CONSIDERED

TABLE 15 SOUTH AMERICA IR DETECTOR MARKET, BY SPECTRAL RANGE, 2013-2019 (USD MN)

TABLE 16 SOUTH AMERICA IR DETECTOR MARKET: SPECTRAL RANGE COMPARISON WITH OPTOELECTRONICS MARKET, 2013–2019 (USD MN)

TABLE 17 SOUTH AMERICA SWIR DETECTOR MARKET, BY GEOGRAPHY, 2013–2019 (USD MN)

TABLE 18 SOUTH AMERICA MWIR DETECTOR MARKET, BY GEOGRAPHY, 2013–2019 (USD MN)

TABLE 19 SOUTH AMERICA LWIR DETECTOR MARKET, BY GEOGRAPHY, 2013–2019 (USD MN)

TABLE 20 SOUTH AMERICA IR DETECTOR MARKET, BY APPLICATION, 2014-2019

(USD MN)

TABLE 21 SOUTH AMERICA IR DETECTOR MARKET IN PEOPLE & MOTION SENSING APPLICATION, BY GEOGRAPHY, 2014-2019 (USD MN)

TABLE 22 SOUTH AMERICA IR DETECTOR MARKET IN TEMPERATURE MEASUREMENT APPLICATION, BY GEOGRAPHY, 2014-2019 (USD MN)

TABLE 23 SOUTH AMERICA IR DETECTOR MARKET IN FIRE AND GAS DETECTION APPLICATION, BY GEOGRAPHY, 2014-2019 (USD MN)

TABLE 24 SOUTH AMERICA IR DETECTOR MARKET IN SPECTROSCOPY APPLICATION, BY GEOGRAPHY, 2014-2019 (USD MN)

TABLE 25 SOUTH AMERICA IR DETECTOR MARKET IN BIO MEDICAL IMAGING APPLICATION, BY GEOGRAPHY, 2014-2019 (USD MN)

TABLE 26 SOUTH AMERICA IR DETECTOR MARKET IN SMART HOMES APPLICATION, BY GEOGRAPHY, 2014-2019 (USD MN)

TABLE 27 SOUTH AMERICA IR DETECTOR MARKET, BY GEOGRAPHY, 2013-2019 (USD MILLION)

TABLE 28 BRAZIL IR DETECTOR MARKET, BY APPLICATION, 2013-2019 (USD MN)

TABLE 29 ARGENTINA IR DETECTOR MARKET, BY APPLICATION, 2013 – 2019 (USD MN)

TABLE 30 REST OF SOUTH AMERICA IR DETECTOR MARKET, BY APPLICATION, 2013-2019 (USD MN)

TABLE 31 SOUTH AMERICA IR DETECTOR MARKET: COMPANY SHARE ANALYSIS, 2014 (%)

TABLE 32 SOUTH AMERICA IR DETECTOR MARKET: MERGERS & ACQUISITIONS

TABLE 33 SOUTH AMERICA IR DETECTOR MARKET: NEW PRODUCT DEVELOPMENTS AND ANNOUNCEMENTS

TABLE 34 SOUTH AMERICA IR DETECTOR MARKET: NEW AGREEMENTS

TABLE 35 FLIR SYSTEMS, MARKET REVENUE, BY SEGMENT, 2009-2013 (USD MN)

TABLE 36 FLIR SYSTEMS, MARKET REVENUE, BY GEOGRAPHY, 2009-2013 (USD MN)

TABLE 37 MURATA MANUFACTURING CO., LTD.: MARKET REVENUE BY PRODUCT, 2010 - 2014 (USD MN)

TABLE 38 MARKET REVENUE BY BUSINESS SEGMENT, 2010 – 2014 (USD MN)

TABLE 39 MARKET REVENUE BY GEOGRAPHY, 2009 - 2013 (USD MN)

TABLE 40 MELEXIS: MARKET REVENUE BY DIVISION, 2009- 2013 (USD MN)

TABLE 41 OMORON: MARKET REVENUE BY BUSINESS SEGMENT: (USD MN)

TABLE 42 OMORON: OPERATING DATA (USD MN)

List Of Figures

LIST OF FIGURES

FIGURE 1 SOUTH AMERICA IR DETECTOR MARKET SEGMENTATION & COVERAGE

FIGURE 2 SOUTH AMERICA IR DETECTOR MARKET: INTEGRATED ECOSYSTEM

FIGURE 3 RESEARCH METHODOLOGY

FIGURE 4 TOP-DOWN APPROACH

FIGURE 5 BOTTOM-UP APPROACH

FIGURE 6 DEMAND SIDE APPROACH

FIGURE 7 MACRO INDICATOR-BASED APPROACH

FIGURE 8 SOUTH AMERICA IR DETECTOR MARKET SNAPSHOT

FIGURE 9 SOUTH AMERICA IR DETECTOR MARKET: COMPARISON WITH THE PARENT MARKET

FIGURE 10 DEMAND SIDE ANALYSIS

FIGURE 11 SOUTH AMERICA IR DETECTOR TECHNOLOGY MARKET, BY GEOGRAPHY, 2014 (USD MN)

FIGURE 12 SOUTH AMERICA: IR DETECTOR MARKET, BY TECHNOLOGY, 2013-2019 (USD MN)

FIGURE 13 SOUTH AMERICA MERCURY CADMIUM TELLURIDE IR DETECTOR MARKET, BY GEOGRAPHY, 2013–2019 (USD MN)

FIGURE 14 SOUTH AMERICA: INDIUM GALLIUM ARSENIDE IR DETECTOR MARKET, BY GEOGRAPHY, 2013-2019 (USD MN)

FIGURE 15 SOUTH AMERICA PYROELECTRIC IR DETECTOR MARKET, BY GEOGRAPHY, 2013 – 2019 (USD MN)

FIGURE 16 SOUTH AMERICA: THERMOPILE IR DETECTOR MARKET, BY GEOGRAPHY, 2013-2019 (USD MN)

FIGURE 17 SOUTH AMERICA MICRO BOLOMETER IR DETECTOR MARKET, BY GEOGRAPHY, 2013-2019 (USD MN)

FIGURE 18 FIGURE: EUROPE IR DETECTOR MARKET, BY SPECTRAL RANGE (USD MN)

FIGURE 19 FIGURE: SOUTH AMERICA IR DETECTOR MARKET: SPECTRAL RANGE COMPARISON WITH OPTOELECTRONICS MARKET, 2013–2019 (USD MN)

FIGURE 20 SOUTH AMERICA SWIR DETECTOR MARKET, BY GEOGRAPHY

FIGURE 21 SOUTH AMERICA MWIR DETECTOR MARKET, BY GEOGRAPHY

FIGURE 22 SOUTH AMERICA MWIR DETECTOR MARKET, BY GEOGRAPHY

FIGURE 23 SOUTH AMERICA IR DETECTOR MARKET, BY APPLICATION, 2014-2019 (USD MN)

FIGURE 24 SOUTH AMERICA IR DETECTOR MARKET IN PEOPLE & MOTION SENSING APPLICATION, BY GEOGRAPHY, 2014-2019 (USD MN)

FIGURE 25 SOUTH AMERICA IR DETECTOR MARKET IN TEMPERATURE MEASUREMENT APPLICATION, BY GEOGRAPHY, 2014-2019 (USD MN)

FIGURE 26 SOUTH AMERICA IR DETECTOR MARKET IN FIRE AND GAS DETECTION APPLICATION, BY GEOGRAPHY, 2014-2019 (USD MN)

FIGURE 27 SOUTH AMERICA IR DETECTOR MARKET IN SPECTROSCOPY APPLICATION, BY GEOGRAPHY, 2014-2019 (USD MN)

FIGURE 28 SOUTH AMERICA IR DETECTOR MARKET IN BIO MEDICAL IMAGING APPLICATION, BY GEOGRAPHY, 2014-2019 (USD MN)

FIGURE 29 SOUTH AMERICA IR DETECTOR MARKET IN SMART HOMES APPLICATION, BY GEOGRAPHY, 2014-2019 (USD MN)

FIGURE 30 MARKET OVERVIEW

FIGURE 31 BRAZIL IR DETECTOR MARKET OVERVIEW, 2014 & 2019 (USD MN)

FIGURE 32 BRAZIL IR DETECTOR MARKET, BY APPLICATION, 2013-2019 (USD MILLION)

FIGURE 33 BRAZIL IR DETECTOR MARKET, BY APPLICATION SNAPSHOT

FIGURE 34 ARGENTINA IR DETECTOR MARKET OVERVIEW, 2014 & 2019 (USD MN)

FIGURE 35 ARGENTINA IR DETECTOR MARKET, BY APPLICATION, 2013 – 2019 (USD MN)

FIGURE 36 ARGENTINA IR DETECTOR MARKET, BY APPLICATION SNAPSHOT

FIGURE 37 REST OF SOUTH AMERICA IR DETECTOR MARKET OVERVIEW, 2014 & 2019 (USD MN)

FIGURE 38 REST OF SOUTH AMERICA IR DETECTOR MARKET, BY APPLICATION, 2013-2019 (USD MN)

FIGURE 39 REST OF SOUTH AMERICA IR DETECTOR MARKET, BY APPLICATION SNAPSHOT

FIGURE 40 SOUTH AMERICAN IR DETECTOR MARKET: COMPANY SHARE ANALYSIS

FIGURE 41 IR DETECTOR: COMPANY PRODUCT COVERAGE, BY TECHNOLOGY, 2014

I would like to order

Product name: South America IR Detector Market by Technology (Mercury Cadmium Telluride, Indium Gallium Arsenide, Pyroelectric, Thermopiles, and Microbolometers), by Spectral Range (SWIR, MWIR, and LWIR), and by Country - Analysis and Forecast (2014 - 2019)

Product link: <https://marketpublishers.com/r/S3808E79EECEN.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/S3808E79EECEN.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