Infrared Detector Market: By Type (Indium Gallium Arsenide, Thermopiles, Microbolometers, Others), By Application (Temperature Measurement System, People & Motion, Gas & Fire Detection, Others) & Geography - Forecast (2014-2021)

Description: An infrared detector is a detector that reacts to infrared (IR) radiation using cooled and uncooled technology which can be used for various security warning systems. Globally infrared device market is expected to witness a significant growth driven by increasing applications in people and motion sensing at various retail and departmental shops and public places such as airports, and railway stations.

This report identifies the global infrared detector market size in for the year 2014-2016, and forecast of the same for year 2021. It also highlights the potential growth opportunities in the coming years, while also reviewing the market drivers, restraints, growth indicators, challenges, market dynamics, competitive landscape, and other key aspects with respect to infrared detector market.

Infrared Detector Market

Global Infrared detector market was dominated by Asia-Pacific in 2015 followed by North America and Europe as second and third largest regional markets for infrared detectors in 2015. Asia-Pacific is expected to witness highest growth during the period of study due to increasing applications of IR detectors in temperature measurement, military and defence, and industrial applications.

This report segments global infrared detector market on the basis of type, technology and application as follows:

On the basis of types of infrared detectors this report on global infrared detector market is segmented as: Indium Gallium Arsenide (Ingaas), Pyroelectric using crystal, ceramic, thin film or CMOS, Thermopiles, Microbolometers and Others

This report also segments global infrared detector market on the basis of technology, which included major segments as: Cooled IR Detector Technology and Uncooled IR Detector Technology

On the basis of applications of infrared detectors this market research report on global infrared detector market is segmented as: People & Motion Detection System, Temperature Measurement System (Low-end temperature measurement systems, High-end temperature measurement systems), Gas & Fire Detection System, Smart Buildings IR Systems, Spectroscopy & Bio Medical Imaging and Others

This report has been further segmented into major regions, which includes detailed analysis of each region such as: North America, Europe, Asia-Pacific (APAC), and Rest of the World (RoW) covering all the major country level markets for infrared detectors in each of the region.

This report identifies all the major companies operating in the Infrared Detector market. Some of the major companies' profiles in detail are as follows:

Honeywell International Inc.
Nippon Ceramic Co., Ltd.
Texas Instruments Inc.
FLIR Systems Inc.
Excelitas Technologies Corp.
Murata Manufacturing Co., Ltd

Contents:
1. Infrared Detector - Market Overview
2. Executive Summary
3. Market Landscape
   3.1. Market Share Analysis
   3.2. Comparative Analysis
   3.2.1. Product Benchmarking
3.2.2. End User Profiling
3.2.3. Top 5 Financials Analysis
4. Infrared Detector - Market Forces
4.1. Drivers
4.1.1. Increasing IR devices in people and motion sensing applications
4.2. Restraints
4.2.1. Low Reliability and Usability in Harsh Environmental Conditions
4.3. Opportunities
4.3.1. Spot Thermometry for Smartphones & Tablets
4.4. Challenges
4.5. Porter's Five Forces Analysis
4.5.1. Bargaining Power of Suppliers
4.5.2. Bargaining Power of Buyers
4.5.3. Threat of New Entrants
4.5.4. Threat of Substitutes
4.5.5. Degree of Competition
5. Infrared Detector - Strategic Analysis
5.1. Value Chain Analysis
5.2. Pricing Analysis
5.3. Opportunities Analysis
5.4. Product/Market Life Cycle Analysis
5.5. Suppliers and Distributors
6.1. Indium Gallium Arsenide (Ingaas)
6.2. Pyroelectric using crystal, ceramic, thin film or CMOS
6.3. Thermopiles
6.4. Microbolometers
6.5. Others
7.1. Cooled IR Detector Technology
7.2. Uncooled IR Detector Technology
8.1. People & Motion Detection System
8.2. Temperature Measurement System
8.2.1. Low-end temperature measurement systems
8.2.2. High-end temperature measurement systems
8.3. Gas & Fire Detection System
8.4. Smart Buildings IR Systems
8.5. Spectroscopy & Bio Medical Imaging
8.6. Others
9.1. Europe
9.1.1. Germany
9.1.2. France
9.1.3. Italy
9.1.4. Spain
9.1.5. Russia
9.1.6. U.K.
9.1.7. Rest of Europe
9.2. Asia Pacific
9.2.1. China
9.2.2. India
9.2.3. Japan
9.2.4. South Korea
9.2.5. Rest of Asia-Pacific
9.3. North America
9.3.1. U.S.
9.3.2. Canada
9.3.3. Mexico
9.4. Rest of the World (RoW)
9.4.1. Brazil
9.4.2. Rest of RoW
10. Infrared Detector- Market Entropy
10.1. Expansion
10.2. Technological Developments
10.3. Merger & Acquisitions, and Joint Ventures
10.4. Supply-Contract
11. Company Profiles (Top 10 Companies)
11.1. Honeywell International Inc.
11.1.1. Introduction
11.1.2. Financials
11.1.3. Key Insights
11.1.4. Key Strategy
11.1.5. Product Portfolio
11.1.6. SWOT Analysis
11.2. Nippon Ceramic Co., Ltd.
11.2.1. Introduction
11.2.2. Financials
11.2.3. Key Insights
11.2.4. Key Strategy
11.2.5. Product Portfolio
11.2.6. SWOT Analysis
11.3. Texas Instruments Inc.
11.3.1. Introduction
11.3.2. Financials
11.3.3. Key Insights
11.3.4. Key Strategy
11.3.5. Product Portfolio
11.3.6. SWOT Analysis
11.4. FLIR Systems Inc.
11.4.1. Introduction
11.4.2. Financials
11.4.3. Key Insights
11.4.4. Key Strategy
11.4.5. Product Portfolio
11.4.6. SWOT Analysis
11.5. Excelitas Technologies Corp.
11.5.1. Introduction
11.5.2. Financials
11.5.3. Key Insights
11.5.4. Key Strategy
11.5.5. Product Portfolio
11.5.6. SWOT Analysis
11.6. Omron Corporation
11.6.1. Introduction
11.6.2. Financials
11.6.3. Key Insights
11.6.4. Key Strategy
11.6.5. Product Portfolio
11.6.6. SWOT Analysis
11.7. Raytheon Company
11.7.1. Introduction
11.7.2. Financials
11.7.3. Key Insights
11.7.4. Key Strategy
11.7.5. Product Portfolio
11.7.6. SWOT Analysis
11.8. Murata Manufacturing Co., Ltd
11.8.1. Introduction
11.8.2. Financials
11.8.3. Key Insights
11.8.4. Key Strategy
11.8.5. Product Portfolio
11.8.6. SWOT Analysis
11.9. ULIS
11.9.1. Introduction
11.9.2. Financials
11.9.3. Key Insights
11.9.4. Key Strategy
11.9.5. Product Portfolio
11.9.6. SWOT Analysis
11.10. Infra TEC GmbH
11.10.1. Introduction
11.10.2. Financials
11.10.3. Key Insights
11.10.4. Key Strategy
11.10.5. Product Portfolio
11.10.6. SWOT Analysis

*More than 40 Companies are profiled in this Research Report, Complete List available on Request*

**Financials would be provided on a best efforts basis for private companies**

12. Appendix
12.1. Abbreviations
12.2. Sources
12.3. Research Methodology
12.4. Expert Insights

Ordering:

Order Online - [http://www.researchandmarkets.com/reports/3820825/](http://www.researchandmarkets.com/reports/3820825/)

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

- **Product Name:** Infrared Detector Market: By Type(Indium Gallium Arsenide, Thermopiles, Microbolometers, Others), By Application(Temperature Measurement System, People & Motion, Gas & Fire Detection, Others) & Geography-Forecast (2014-2021)
- **Web Address:** [http://www.researchandmarkets.com/reports/3820825/](http://www.researchandmarkets.com/reports/3820825/)
- **Office Code:** SCBR9PBN

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 5250</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>USD 6250</td>
</tr>
<tr>
<td>Electronic (PDF) - Enteprisewide:</td>
<td>USD 8450</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in **BLOCK CAPITALS**

- **Title:** [Mr] [Mrs] [Dr] [Miss] [Ms] [Prof] [ ]
- **First Name:** ___________________________  **Last Name:** ___________________________
- **Email Address:** * ___________________________
- **Job Title:** ___________________________
- **Organisation:** ___________________________
- **Address:** ___________________________
- **City:** ___________________________
- **Postal / Zip Code:** ___________________________
- **Country:** ___________________________
- **Phone Number:** ___________________________
- **Fax Number:** ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card:      You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check:          Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer:  Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: 

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp