

Asia-Pacific IR Detector Market by Technology (Mercury Cadmium Telluride (MCT), Indium Gallium Arsenide (InGaAs), Pyroelectric, Thermopiles, and Microbolometers), by Spectral Range (SWIR, MWIR, and LWIR), and by Application (People and Motion Sensing, Temperature Measurement, Fire and Gas Detection, Spectroscopy, Biomedical Imaging, and Smart Homes) Forecasts till 2019

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Abstracts

The Asia-Pacific IR detector market is estimated to grow with a CAGR of 13.1% during the forecast period. The growth of the Asia-Pacific 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. 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 Asia-Pacific IR detector market has been broadly classified by technology such as mercury cadmium telluride (MCT), indium gallium arsenide (InGaAs), pyroelectric, thermopiles, and microbolometers.

The IR detector technologies enable the systems that help 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 market in the Asia-Pacific region are people and motion sensing, temperature measurement, fire and gas detection, spectroscopy, biomedical imaging, and smart homes.

There are a number of players in Asia-Pacific's IR detector market which makes it competitive. As of 2014, the Asia-Pacific IR detector market had top market players such as Murata Manufacturing (Japan), Hamamatsu Photonics (Japan), FLIR (U.S.), ULIS (France), Raytheon (U.S.), Melexis NV (Belgium), Texas Instruments (U.S.), and OMRON (Japan). Currently, two companies dominate the IR detector market, namely Excelitas (U.S.) & Nicera (Japan), with both companies accounting 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

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