

Infrared Detector Market - Industry Trends, Opportunities and Forecasts to 2023

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Abstracts

Infrared Detector Market is projected to witness a compound annual growth rate of 11.44% to reach a total market size of US\$673.501 million by 2023, from US\$391.946 million in 2018. The major factors driving the market growth are increasing awareness of IR detectors in manufacturing and industrial applications, the surge in demand for consumer electronics and increasing security concerns. Other factors contributing to the growth include night sighting capabilities and emerging applications across various industries. Conversely, the major restraining factor to the Infrared Detector Market is the high cost of the technology, availability of substitutes for infrared gas detectors and performance issues in harsh environmental conditions.

Research Methodology

This section of the report presents detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segments covered as part of the report.

Market Dynamics

Comprehensive market dynamics has been analyzed through key market driving factors, challenges to growth and the opportunities which exist for vendors in the current scenario. This section of the report also provides supplier and industry outlook as a whole; key industry, global and regional regulations which are determining the market growth and a brief technological aspect of Infrared Detector Solutions. Complete industry analysis has also been covered by Porter's five forces model as a part of this report section.

Segmentation

Infrared Detector Market has been segmented on the basis of type, wavelength, technology, application and geography as follows:

By Wavelength

Short-Wave

Medium-Wave

Long-Wave

By Technology

Cooled

Uncooled

By End User Industry

Manufacturing

Automotive

Military and Defense

Healthcare

Others

By Geography

Americas

North America

South America

Europe Middle East and Africa

Europe

Middle East and Africa

Asia Pacific

Market Players

Competitive intelligence section deals with major players in the market, their market shares, growth strategies, products, financials, and recent investments among others. Key industry players profiled as part of the report are Flir Systems, Raytheon Company, Infra TEC, Sofradir, and Omron Corporation among others.

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