

North America Infrared Detectors Market (2016 - 2022)

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Abstracts

Infrared detectors are widely in use to detect infrared radiation and motion and to measure heat. Infrared detectors are integrated into various devices such as in surveillance, automobiles, testing, detection, and measurement. These detectors convert infrared radiation into electrical signals and are among the most significant group of sensors in defense applications. The infrared based detectors are very effective as compared to other detectors due to compact size and ability to detect infrared light from a far of distance. However, high installation cost and limited accuracy in certain conditions would be factors that would limit the market growth. Breakthroughs in infrared detector technology and price corrections due to the same would be favorable factors for the market participants. Additionally, widespread adoption of smartphones and other technologies are also actively contributing to the growth of the market.

Based on the type, the Infrared Detector market is segmented into Pyroelectric, Mercury Cadmium Telluride, Indium Gallium Arsenide, Microbolometer and Others. Based on technology, the market is segmented into Cooled IR Detector and Uncooled IR Detector. Based on wavelength, the market is segmented into Short Range, Medium Range and Long Range. The Applications highlighted in this report People & Motion Sensing, Temperature Measurement, Industrial, Spectroscopy & Biomedical Imaging, Military & Defense, Automotive and Others.

Based on Country, North America Infrared Detectors market is segmented into US, Canada, Mexico and Rest of North America. US remained the dominant Country in the North America Infrared Detectors market in 2015. Canada would witness promising CAGR during the forecast period (2016-2022).

The report covers the analysis of key stake holders of the Infrared Detectors market. Key companies profiled in the report include Honeywell International, Inc., BAE

Systems, Flir Systems, Inc., Texas Instruments Incorporated, Raytheon Company, Excelitas Technologies Corp., Nippon Ceramic Co., Ltd. and Hamamatsu Photonics K.K.

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