

Infrared Sensors - Global Market Outlook (2017-2023)

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Abstracts

According to Statistics MRC, the Global Infrared Sensors market is expected to grow from \$ 11.58 billion in 2016 to reach \$ 20.82 billion by 2023 with a CAGR of 8.7%. Factors favouring the market are growing demand for home automation products, rising need for wireless communication. However, huge costs of thermopile sensors, microbolometers, strict government regulations are some of the major restraints.

Depending on spectrum range, medium wavelength infrared (MWIR) and long wavelength infrared (LWIR) detectors is dominating the market with the highest market share as they are widely applicable in military and civil applications. Rising demand for infrared sensors in defence applications and motion sensing has acquired largest market share for North America followed by Europe.

Some of the key players in global infrared sensors market include Wuhan guide infrared co., ltd, Qioptiq ltd, Pelco, Nippon Avionics Co. Ltd, L-3 communications holdings, Inc, Infrared integrated systems ltd (irisys), General dynamics corporation, Fluke corporation, FLIR systems, Inc, E.D. Bullard company, DRS Technologies, Inc, Dali Technology, Current corporation, Bosch security systems and Axis communications AB.

Types Covered:

Communication Modules (IrDA)

IrDA-MIR

IrDA-SIR

IrDA-FIR

IR Receivers

IR Linear Arrays

Passive IR Sensor

Tilt Sensor

Photointerruptor

Thermopile IR Sensor

Photo Reflector

Photodiode

IR Emitters (LEDs)

Functionalities Covered:

Quantum

Thermal

Working Mechanisms Covered:

Active

Passive

Spectrum Ranges Covered:

Long Wave (LWIR)

Short Wave IR (SWIR)

Far Wave (FWIR)

Mid Wave IR (MWIR)

End Users Covered:

Commercial Applications

Healthcare

Automotive

Military and Defense

Semiconductors

Telecommunications

Manufacturing Industry

Other End Users

Detections Covered:

Cooled

Uncooled

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia Pacific

Rest of the World

Middle East

Brazil

Argentina

South Africa

Egypt

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market

estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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NOTE: Tables for North America, Europe, Asia Pacific, South America and Middle East
& Africa are represented in the same manner.

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