

Global IR (Infrared) Camera Market Size study, by Material (Germanium, Silicon, Zinc Selenide, Sapphire), by Application (Military & Defense, Industrial, Commercial, Medical Imaging), and by Regional Forecasts 2018-2025

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Abstracts

Global IR (Infrared) Camera Market to reach USD 9.1 billion by 2025.

Global IR (Infrared) Camera Market valued approximately USD 4 billion in 2016 is anticipated to grow with a healthy growth rate of more than 9.5% over the forecast period 2017-2025.

Decreasing prices owing to technological proliferation is expected to be a key growth factor for the Infrared (IR) camera market. Increased commercialization owing to advancements in microbolometer technology is also expected to fuel market growth over the next few years. On account of increased adoption in industrial and commercial applications, they are used across numerous security & surveillance applications.

Recent technological advancements have led to miniaturization, which is expected favorably impact market growth over the forecast period. These cameras are capable of viewing across a long-wave infrared region, and can also detect objects in total darkness. High investment, availability of cost-effective products due to mass production, and a range of diverse applications integrating this technology are expected to be the key market drivers. Further, the IR camera market is also expected to witness growth owing to declining product price.

Decreasing defense budgets in developed markets are expected to pose a challenge to market growth over the forecast period. Increasing adoption of high-resolution cameras

and smartphones is expected to provide a sizeable opportunity for market growth. Further, IR camera plays a significant part in providing night-vision option for automobiles. For instance, FLIR Systems provides camera cores for Rolls Royce, BMW, Audi and Mercedes-Benz models through a partnership with Autoliv Electronics.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Material:

Germanium

Silicon

Zinc Selenide

Sapphire

By Application:

Military & Defence

Industrial

Commercial

Medical Imaging

By Regions:

North America

U.S.

Canada

Europe

UK

Germany

Asia Pacific

China

India

Japan

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2015, 2016

Base year – 2017

Forecast period – 2018 to 2025

The industry is seeming to be fairly competitive. Some of the leading market players include Current Corporation, Dali Technology., DRS Technologies Inc., E.D. Bullard Company FLIR Systems, Inc, Fluke Corporation, General Dynamics Corporation, Guangzhou SAT Infrared Technology Co., Ltd, Infrared Integrated Systems Ltd

(IRISYS), Axis Communication AB and so on. Acquisitions and effective mergers are some of the strategies adopted by the key manufacturers. New product launches and continuous technological innovations are the key strategies adopted by the major players.

Target Audience of the Global IR (Infrared) Camera Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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