

Image Sensors - Global Market Outlook (2015-2022)

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Abstracts

According to Statistics MRC, the Global Image Sensors Market is accounted for \$10.17 billion in 2015 and expected to grow at a CAGR of 11.4% to reach \$21.74 billion by 2022. Factors such as camera enabled mobile phones, increased use of image sensors in biometric applications and rising usage of these sensors in automobile industry are driving the market growth. High speed and low cost CMOS for holographic storage market as well as, optical molecular imaging techniques in healthcare will provide opportunities for image sensors market. However, declining sales of single reflex cameras, higher pricing pressure and high power consumption in CCD image sensors will hinder the market.

CCD and CIS technologies are expected to witness significant CAGR during the forecast period. Consumer electronics was accounted for the largest share in the market followed by medical applications which is expected to be the fastest growing segment. Asia Pacific is the largest and fastest growing market due to proliferation of smartphones. North America is the second largest market followed by Europe in terms of revenue.

Some of the key players in global image sensors market are Canon Inc., Thermo Fisher Scientific, Fujifilm, Galaxycore Inc., Hitachi Ltd., Karl Storz GmbH & Co. KG, On Semiconductor Corporation, Panasonic Corporation, Samsung Electronics Co., Ltd, Sharp Corporation, Sony Corporation, Teledyne Technologies, Inc., Toshiba Corporation and Nikon.

Technologies Covered:

CCD

CMOS

FSI Technology

BSI Technology

3D Stacking Technology

CIS

Specifications Covered:

Array Type

Linear Image Sensor

Area Image Sensor

Processing Type

3D Image Sensors

2D Image Sensors

Spectrum

Visible Spectrum

X-Ray Light

Non Visible Spectrum

Applications Covered:

Defence & Aerospace

Automotive

Industrial

Consumer Electronics

Medical and Surgical

Surveillance

Other Applications

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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