

Global CMOS and sCMOS Image Sensor Market Research Report- Forecast to 2027

Global CMOS and sCMOS Image Sensor Market, by CMOS Technology (BSI, FSI), by Application (Consumer Electronics), by Processing & Spectrum - Forecast 2027

PUNE, MAHARASHTRA, INDIA, August 16, 2016 /EINPresswire.com/ -- CMOS Image Sensor Market Objective Study:

- To provide detailed analysis of the market structure along with forecast for the next 10 years of the various segments and sub-segments of the [global CMOS and sCMOS Image Sensor Market](#).
- To provide insights about factors affecting the market growth.
- To Analyze the CMOS and sCMOS Image Sensor Market Development based on various factors- price analysis, supply chain analysis, porters five force analysis etc.
- To provide historical and forecast revenue of the market segments and sub-segments with respect to four main geographies and their countries- North America, Europe, Asia, and Rest of the World (ROW).
- To provide country level analysis of the market with respect to the current market size and future prospective.

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Key Players

Sony Corporation (Japan),
Panasonic Corporation
(Japan), Galaxy Core Inc.
(China), SK Hynix Inc. (South
Korea), Omni Vision
Technologies Inc. (US),
Samsung electronics (South
Korea)”

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- To provide country level analysis of the market for segment by Technology, processing, applications and sub-segments.
- To provide strategic profiling of key players in the market, comprehensively analyzing their core competencies, and drawing a competitive landscape for the market
- To track and analyze competitive developments such as joint ventures, strategic alliances, mergers and acquisitions, new product developments, and research and developments in the global CMOS and sCMOS Image Sensor Market .

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Report

Market Synopsis of CMOS and sCMOS Image Sensor Market:

Market Scenario

The major growth driver of CMOS and sCMOS Image sensor market include increasing demand for small HD camcorders and smartphones, growing digital technology, and rising concern about security and surveillance among consumers, among others.

Taste the market data and market information presented through more than 50 market data tables and figures spread in 110 numbers of pages of the project report. Avail the in-depth table of content TOC & market synopsis on [“CMOS and sCMOS Image Sensor Market Research Report- Forecast to 2027”](#)

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Segments

Segmentation by CMOS Technology:

FSI (Front side illumination) and BSI (Back side illumination) among others.

Segmentation by Processing & Spectrum:

2D processing, 3D processing, visible spectrum and invisible spectrum among others.

Segmentation by Applications:

consumer electronics, automobile, aerospace and defense, surveillance and medical among others.

Regional Analysis of CMOS Image Sensor Market:

North America dominated the Global CMOS and sCMOS Image sensor market with the largest market share due to growing consumer electronics market and other portable devices, and therefore accounting for \$XX million market value and is expected to grow over \$XX billion by 2027. CMOS Image sensor market in Asia-Pacific market is expected to grow at CAGR of XX% from \$ XX million in 2016 to \$XX million by 2027. The European market for CMOS and sCMOS Image sensor market is expected to grow at XX% CAGR (2016-2027).

Key Players

Some of the major players in Global CMOS and sCMOS Image sensor market include Sony Corporation (Japan), Panasonic Corporation (Japan), Galaxy Core Inc. (China), SK Hynix Inc. (South Korea), Omni Vision Technologies Inc. (US), Samsung electronics (South Korea), TOSHIBA CORPORATION (Japan) and Canon Inc. (Japan) among others.

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Industry News:

- E2V has announced in June 2016 that it is going to launch a new onyx 1.3 megapixel CMOS image sensor which is develop to serve low light applications.
- Sony Corporation has announced in February 2016 about its new product 1/ 2.6 22.5 megapixel Exmor which is a type of stacked CMOS image sensor to provide high compact size, greater image quality and high performance.
- Samsung has announced in year 2015 about industry's first 1.0 micro-mega pixel based 16 megapixel CMOS image sensor to develop the advanced mobile devices.
- In June 2016, Andor technology Ltd. has launched iStar scientific CMOS detector. The detector has superfast frame rate capabilities (more than 4000 fps), and high throughput fiber-optic coupling properties among others.

Americas

North America

- US
- Canada

Latin America

Europe

Western Europe

- Germany
- France
- UK

- Rest of Western Europe
- Eastern Europe
- Asia– Pacific
- Asia
- China
- India
- Japan
- South Korea
- Rest of Asia
- Pacific

The Middle East& Africa

The report for CMOS and sCMOS Image Sensor Market of Market Research Future comprises of extensive primary research along with the detailed analysis of qualitative as well as quantitative aspects by various industry experts, key opinion leaders to gain the deeper insight of the market and industry performance. The report gives the clear picture of current market scenario which includes historical and projected market size in terms of value and volume, technological advancement, macro economical and governing factors in the market.

Related Report:-

[Photovoltaic Market Research Report- Global Forecast to 2027](#)

The major growth driver of Photovoltaic Market includes growing population which drives the demand for effective and reliable electricity supply, increasing solar installations with energy storage and stringent government rules and regulations among others.

However, varying weather conditions and high technological cost are the major factors which are hindering the growth of Photovoltaic Market.

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In order to stay updated with technology and work process of the industry, MRFR often plans & conducts meet with the industry experts and industrial visits for its research analyst members.

Contact:

Ruwin Mendez

Market Research Future

Office No. 528, Amanora Chambers

Magarpatta Road, Hadapsar,

Pune - 411028

Maharashtra, India

+1 (339) 368 6938

Email: sales@marketresearchfuture.com

Norah Trent
Market Research Future
+1 (339) 368 6938
email us here

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