

Global Image Sensor Market Size, Demand, Segmentation to 2011-2021

Image Sensor Market Information, by Application (Mobile Phones, Tablets, PC Camera, DSC, Automotive, Medical, Security), by Technology (CMOS and CCD)2016-2021

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Objective of Image Sensor Market Study:

To provide detailed analysis of the market structure along with forecast for the next 6 years of the various segments and sub-segments of the global image sensor market. To provide insights about factors affecting the market growth. To analyze the 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).

Taste the market data and market information presented through more than 70 market data tables and figures spread in 112 numbers of pages of the project report. Avail the in-depth table of content TOC & market synopsis on "[Global Image Sensor Market Information from 2011 to 2021](#)"

To provide country level analysis of the market with respect to the current market size and future prospective. To provide country level analysis of the market for segment by technology, application, operating spectrum, array type 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 image sensor market.

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Market Synopsis of Image Sensor Market:



Market Research
Future

Market Scenario

The major growth driver of image sensor market includes rising demand for camera enabled mobile phones, low power consumption and compactness of CMOS image sensor, and increased use of image sensors in biometric applications among others. Hence the market for image sensor market is expected to grow above ~10% CAGR (2015-2021). However, high power consumption in CCD image sensors and falling market of digital still camera are the factors among others which are hindering the growth of image sensor market.

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Key Findings

Asia-Pacific is expected to dominate image sensors market surpassing the revenues of North America during the forecast period. The growing implementation of CMOS image sensor in consumer electronics application such as tablets, mobile phones, and PC camera's is driving the image sensor. The market for CCD image sensors is expected to decrease at a CAGR of ~2.5 during 2016-2021; attributed to the surging application of low cost CMOS image sensors as a replacement of CCD image sensors in various applications. The image sensors market is expected to witness significant growth in mobile phones application during the forecast period, influenced largely by increasing market of smartphone, smart wearable devices and handheld personal computers.

Segments

Segmentation by Application: Mobile Phones, Tablets, PC Camera, Digital Still Cameras (DSC), Automotive, Medical Imaging, and Security & Surveillance

Segmentation by Technology: CCD and CMOS among others.

Segmentation by Operating Spectrum: Visible and Invisible.
Segmentation by Array Type: Linear Array type and Area Array Type.

Regional Analysis of Image Sensor Market:

North-America is dominating the Global Image Sensor Market with the largest market share, and thereby accounting high market above ~35%. The Asia-Pacific region is expected to grow at high CAGR during the forecast period 2016-2021 from ~USD 4 billion in 2016 to ~USD 8 billion by 2021. The European market for image sensor market is expected to grow at above ~5% CAGR (2016-2021).

Key Players

Some of the major players in global image sensor market includes Sony Corporation (Japan), Samsung Semiconductor Inc. (South Korea), OmniVision Technologies Inc. (U.S.), Aptina Imaging Corporation (ON Semiconductor) (U.S.), Himax Imaging (Taiwan), GalaxyCore Inc. (China), SK Hynix Inc. (Korea), and STMicroelectronics N.V (Switzerland) among others.

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