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Image Sensor Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the image sensor market looks promising with opportunities in the consumer electronics, healthcare, automotive, industrial, aerospace, security & surveillance, and other end use industries. The global image sensor market is expected to grow with a CAGR of 8% to 10% from 2020 to 2025. The major growth drivers for this market are growth of the smartphone industry, increasing adoption of image cameras for automotive applications, and an increase in incorporation of high resolution cameras in the healthcare industry.

A total of XX figures / charts and XX tables are provided in more than 150 pages report will help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the image sensor market report, please download the report brochure.

Growth in various segments of the image sensor market are given below:

The study includes trends and forecast for the global image sensor market by technology, end use industry, and region as follows

By Technology [$M shipment analysis for 2014 – 2025]:

CMOSCCDOthers

By End Use Industry [$M shipment analysis for 2014 – 2025]:

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Consumer ElectronicsHealthcareAutomotiveIndustrialAerospaceSecurity & SurveillanceOthers

By Region [$M shipment analysis for 2014 – 2025]:

North AmericaUnited StatesCanadaMexicoEuropeGermanyUKFranceAsia PacificChinaJapanIndiaSouth KoreaRest of the World

Some of the image sensor manufacturers profiled in this report include, Sony, Samsung, OmniVision Technologies, STMicroelectronics, ON Semiconductor, and Panasonic.

In this market, CMOS, CCD, and others sensors are major technology.

Within the image sensor market, security & surveillance will remain the largest end use industry, and it is expected to witness the highest growth over the forecast period due to increasing concerns for surveillance & security in public places including parks, public squares, malls, and railway stations as well as the increasing terroristattacks.

APAC is expected to witness the highest growth over the forecast period due to growth of smartphones and rising concern about safety in the automotive industry.

Features of the Global Image Sensor Market

Market size estimates: Global image sensor market size estimation in terms of value ($M) shipment.Trend and forecast analysis: Market trend (2014-2019) and forecast (2020-2025) by various segments and regions.Segmentation analysis: Market size by various segments such as by technology, end use industry, and region.Regional analysis: Global image sensor market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.Growth opportunities: Analysis on growth opportunities in different technology, end use industry and regions for global image sensor market.Strategic analysis: This includes M&A, new product development, and competitive landscape of the global image sensor market.Analysis of competitive intensity of the industry based on Porter’s Five Forces model.

This report answers following 11 key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the image sensor market by technology (MEMS images, fiber optic images (FOG), ring

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laser images (RLG), hemispherical resonating images (HRG), dynamically tuned images (DTG), and others), end use industry (consumer electronics, automotive, aerospace and defense, industrial, marine, and others), and region (North America, Europe, Asia Pacific (APAC), and Rest of the World (ROW))?
Q. 2 Which segments will grow at a faster pace and why?
Q.3 Which regions will grow at a faster pace and why?
Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the market?
Q.5 What are the business risks and threats to the image sensor market?
Q.6 What are the emerging trends in the image sensor market and the reasons behind them?
Q.7 What are some changing demands of customers in the image sensor market?
Q.8 What are the new developments in the image sensor market? Which companies are leading these developments?
Q.9 Who are the major players in the image sensor market? What strategic initiatives are being implemented by key players for business growth?
Q.10 What are some of the competitive products and processes in the image sensor market, and how big of a threat do they pose for loss of market share via material or product substitution?
Q.11 What M&A activities did take place in the last five years in the image sensor market?

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7.3: OmniVision Technologies
7.4: STMicroelectronics
7.5: ON Semiconductor
7.6: Panasonic

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