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# Europe Image Sensor Market by Technology (Complementary Metal Oxide Semiconductor, Charged Coupled Device, Contact Image Sensor), by Application, by Geography - Analysis and Forecast to 2019

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## Abstracts

The report “Europe Image Sensor Market Forecast, 2014-2019” analyzes the image sensor market in Europe and the factors driving the market in the region.

Europe is well known due to its automotive and consumer market. The potential application of image sensors in vehicles are growing, with estimates that in the future there will be 5 to 20 cameras in a car, used in a mix of machine and human vision applications. Thus, image sensors have great scope in the field of automotive sector in Europe. In Europe, vehicles are used for busy city streets, where lane-departure systems are less effective. Blind-spot cameras use image sensors and they are capable of providing a warning signal to the driver. Blind-spot detection has been offered on some Volvo models since 2005 in Europe.

The European New Car Assessment Programme (Euro NCAP) launched a reward programme, Euro NCAP Advanced, to encourage adoption of highly developed safety techniques which will help increase the demand for image sensors in the automotive and transportation segment. Image sensors are becoming more popular in a wide range of industrial automation applications. Machine vision systems, robots, wafer inspections, quality checks and printed circuit boards are the key application areas which make use of image sensors. Hence, increased industrial automation will be able to drive the image sensor market in Europe.

Growth of the image sensor market is driven by several applications, such as the

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growing demand for camera-enabled mobile phones. Cameras have become one of the important parameters for mobile device manufacturers, as the end-user's buying decision largely depends on the type of camera or pixel size. CMOS image sensor is preferred over the CCD image sensor in mobile cameras because of their lower power consumption, faster frame rates, ease of integration, and lower manufacturing costs. Hence, there is a huge demand for CMOS image sensors from mobile device manufacturers. The European image Sensor market in the consumer application sector was valued at $1,237. 9 million, and is projected to reach $1,310. 9 million by 2019.

The image sensor market is competitive in nature, marked with new product developments and mergers and acquisitions (M&A). New product launches and M&A are the key strategies adopted by market players to ensure their growth in the market. The report also provides an extensive competitive landscape of companies operating in this market. The main companies operating in the image sensor market and extensively covered in this report are Aptina Imaging Corporation, OmniVision Technologies, Ltd., Toshiba Corporation, Samsung Electronics, and Sony Corporation.

Markets Covered

Image Sensor market, By Application

- Consumer
- Medical
- Industrial
- Surveillance
- Automotive
- Defense and Aerospace

Image Sensor market, By Technology

- CMOS Image sensor

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CCD Image sensor

Contact Image Sensors

Image Sensor market, By Country

U.K.

Germany

France

Italy

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