

Asia-Pacific Image Sensor Market (2016 - 2022)

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Abstracts

Image sensors are widely used in a wide range of applications such as from photographic to medical. Image sensors have a pronounced impact on the automotive sector, especially in the Advanced Driver Assistance Systems (ADAS). The CMOS technology was the highest revenue generating segment in 2015, and would be the dominant segment during the forecast period majorly due to its compact nature, low power consumption, and cost-effectiveness, making it ideal for use in various applications. It is used in static RAM, microprocessors, microcontrollers, and other analog circuits such as data converters and highly integrated transceivers.

The growing concerns over surveillance & security in public places such as parks, public places, malls, railway stations, and terrorist activities are significantly contributing to the need for higher resolution cameras. The demand for cell phones and digital still cameras has resulted in shortage in lenses and picture sensors. Also, the dynamic nature of semiconductor business would also act as a restraint to the market growth during the forecast period. Based on application, the market is segmented into aerospace, automotive, consumer electronics, healthcare, industrial, entertainment, security & surveillance, and others. The others application segment includes motion capture and barcode and document scanners.

Based on country, Asia-Pacific Image Sensor market is segmented into China, Japan, India, Taiwan, South Korea, Singapore, and Rest of Asia-Pacific. China remained the dominant region in the Asia-Pacific Image Sensor market in 2015. India and South Korea would witness promising CAGR during the forecast period (2016-2022).

The report covers the analysis of key stake holders of the Image Sensor market. Key companies profiled in the report include Toshiba Corporation, NXP Semiconductors N.V, Texas Instruments Incorporated, STMicroelectronics N.V., Samsung Electronics Co. Ltd., Sony Corporation, Apple Inc., e2v Technologies Inc., Panasonic Corporation

and Galaxycore Shanghai Limited Corporation.

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