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Image Sensors Market - Forecasts from 2017 to 2022

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Abstracts

Global Image Sensors Market is expected to be worth US$22.199 billion in 2022, growing at a compound annual growth rate of 9.26% from US$14.257 billion in 2017. Some of the major factors driving the demand for image sensors include rising demand for smartphones, increasing safety regulations, growing gaming and entertainment market, and rising demand for machine vision systems. Consumer electronics is the fastest growing segment of Image Sensors market. The demand for advanced image sensors in various defense and security applications will boost the demand for innovative image sensors over the forecast period. The use of image sensors for ophthalmology and digital radiography in the healthcare industry will further fuel the growth of this market. However, high energy consumption in the complex manufacturing process of image sensors is hindering the market growth.

The first section of the report deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segmentation which have been covered as part of the report.

Next section provides comprehensive market dynamics through an overview section along with growth drivers, challenges, and opportunities which exist in the current market. This section of the report also provides supplier and industry outlook as a whole; key industry, global and regional regulations which are determining the market growth and a brief technological aspect of Image Sensors. Complete industry analysis has also been covered by Porter’s Five Forces model as a part of this report section.

Thirdly, Image Sensors market has been segmented by technology, applications, and geography. By technology type, the market is segmented as CMOS, CIS, CCD, and Hybrid Image Sensors. By end user industry, the segmentation has been done as Automotive, Consumer Electronics, Military and Defense, Transportation, Healthcare,

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and others.

Important regions for vendors in terms of market size are covered through detailed geographical segmentation and country level forecasts. Geographical regions covered as a part of this section are Americas, Europe Middle East and Africa, and Asia Pacific.

Finally, competitive intelligence section deals with major players in the market, their market shares, growth strategies, products, financials, and recent investments among others. Key industry player profiles as part of this section are OmniVision Technologies, CMOSIS, Galaxy Core Inc., ON Semiconductor, and Teledyne along with several other players.

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