

# Global CMOS Image Sensor Market Research Report 2022 Professional Edition

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## Abstracts

The global CMOS Image Sensor market was valued at 52.17 Million USD in 2021 and will grow with a CAGR of 7.06% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact which will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market vendors, types, applications/end users and geography(North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

Image sensor is a sensor that detects and conveys the information that constitutes an image. The image sensor is usually divided by two kinds: CCD and CMOS. Strong moves in the CIS markets have greatly modified the competitive landscape. Sony is now a market revenue and technology leader. OmniVision and Samsung have remained strong. Meanwhile, the Integrated Device Manufacturer (IDM) model has been a great strength for Canon and Nikon, which have weathered the slow-down in digital still-cameras. In the next five years, the global consumption of CMOS Image Sensor will show upward tendency further, consumption is expected in 2020 will be 5535 (million units). The average operating rate will remain at 80% to 90%. Smartphone applications still take the lion's share of the CMOS Image Sensor (CIS) market. While automotive is the big story in 2014, as car manufacturers like Tesla, Nissan and Ford are showing off their first camera-enabled features. Despite the presence of competition problems, due to the clear global recovery trend, investors are still optimistic about this area, in future still more new investment will enter into the field. Technology and cost are two major problems. Although sales of CMOS Image Sensor brought a lot of opportunities, for the new entrants with only advantage in capital without sufficient support in technology and

downstream channels, the research group did not recommend taking risk the enter this market.

By Market Verdors:

Sony

Samsung

OmniVision

Canon

On Semi (Aptina)

Toshiba

ST

Nikon

PixelPlus

Pixart

SiliconFile

GalaxyCore

By Types:

Front-illuminated (FI) CMOS

Backside-illuminated (BSI) CMOS sensor

By Applications:

Industrial/Space/Defence

Security

Medical

Automotive

Computing

Consumer

Mobile

Key Indicators Analysed

**Market Players & Competitor Analysis:** The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market's competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

**Global and Regional Market Analysis:** The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

**Market Trends:** Market key trends which include Increased Competition and Continuous Innovations.

**Opportunities and Drivers:** Identifying the Growing Demands and New Technology

**Porters Five Force Analysis:** The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements

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Bottom-up and Top-down Approaches for This Report

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