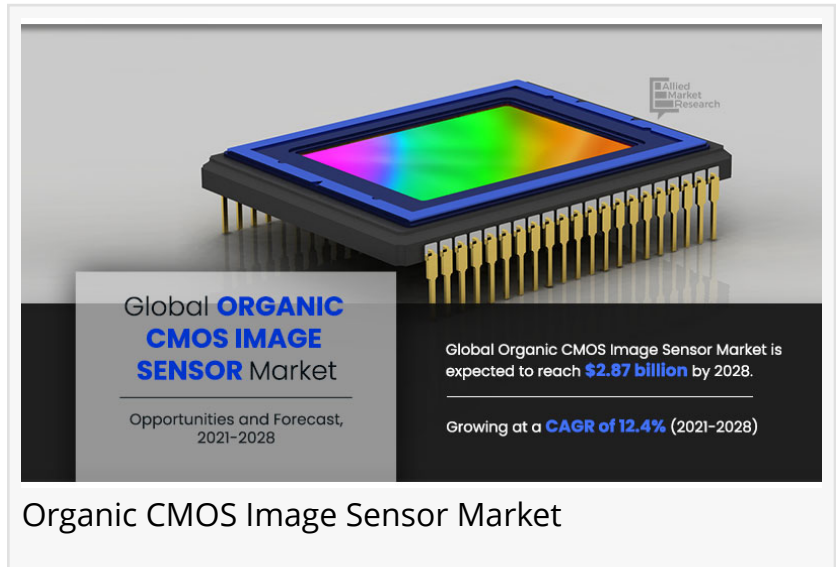


Organic CMOS Image Sensor Market Projected to Reach \$2.87 Billion By 2028, at 12.4% CAGR | Industry Dynamics

The organic CMOS image sensor market in Asia-Pacific is expected to grow at the highest rate during the forecast period,

WILMINGTON, DELAWARE , UNITED STATES, February 12, 2024

/EINPresswire.com/ -- According to a new report published by Allied Market Research, titled, [Organic CMOS Image Sensor Market](#) Size, Share, Competitive Landscape, and Trend Analysis Report by Image Processing, Array Type, Application, and Industry Vertical: Global Opportunity Analysis and Industry Forecast, 2021-2028



Global organic CMOS image sensor industry size was valued at \$1.19 billion in 2020, and is projected to reach \$2.87 billion by 2028, registering a CAGR of 12.4%. North America is expected to be the leading contributor to the global market during the forecast period, followed by Europe and Asia-Pacific.

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The organic CMOS image sensors market holds high potential and experiences new technology innovations & upgrades. Companies in the image sensor market work toward technology improvement for creating high-resolution images. This leads to create organic CMOS image sensors, which can support 8K resolution without image distortion.

The global organic CMOS image sensor market share is anticipated to witness significant growth during the forecast period. Factors, such as high image quality and better color contrast, provided by organic CMOS image sensor drive the global market. In addition, introduction of technologies, such as global shutter technology, is expected to fuel the adoption of organic

CMOS image sensors. However, organic sensor drains battery quickly as compared to the available image sensors, which may hinder the organic CMOS image sensor market growth. Conversely, high reliability for broader applications and faster & cheaper processing methods are anticipated to drive the growth of the market in future.

Moreover, developing nations tend to witness high penetration of organic CMOS image sensor products specially in consumer electronics segments. Surge in introduction of technologies, including 8K resolution and global shutter technology across the globe boosts the organic CMOS image sensor market growth.

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The global organic CMOS image sensor market share is segmented on the basis of image processing, array type, application, industry vertical, and region. By image processing, the market is bifurcated into 2D sensor and 3D sensor. By array type, the market is classified into linear image sensors and area image sensors. Based on application, the market is divided into 3D imaging, video, machine vision, biometrics, and others. Depending on industry vertical, the market is segregated into consumer electronics, automotive, medical & life sciences, security & surveillance, robotics, and others.

Region-wise, the [organic CMOS image sensor market trends](#) have been analyzed across North America, Europe, Asia-Pacific, and LAMEA. North America contributed maximum revenue in 2020. However, between 2020 and 2028, the organic CMOS image sensor industry in Asia-Pacific is expected to grow at a faster rate as compared to other regions. This is attributed to increase in demand from emerging economies such as India, China, Japan, and South Korea.

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The key players profiled in the report include ams AG, Canon Inc, Fujifilm Holdings Corporation, NikkoIA SAS, OmniVision Technologies, Inc., Panasonic Corporation, Samsung Electronics Co. Ltd., Siemens AG, Sony Corporation, and Xenics nv. These players have adopted various strategies, such as product launch, and acquisition, to expand their foothold in the industry.

Key Findings Of The Study

- The consumer electronics segment is projected to be the major industry vertical over the forecast period, followed by Automotive. The rising demand for technologies, such as 8K resolution and global shutter technology, is anticipated to surge the product demand in future.
- Asia-Pacific and North America collectively accounted for more than 60% of the organic CMOS image sensor market share in 2020.
- India is anticipated to witness the highest growth rate during the forecast period.
- The U.S. was the major shareholder in the North America market, accounting for

approximately 57% share in 2020.

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We are in professional corporate relations with various companies, and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Allied Market Research CEO Pawan Kumar is instrumental in inspiring and encouraging everyone associated with the company to maintain high quality of data and help clients in every way possible to achieve success. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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