

Global CMOS Image Sensors Market 2023-2029

<https://marketpublishers.com/r/GE50CEEF3A7FEN.html>

Date: March 2023

Pages: 80

Price: US\$ 2,550.00 (Single User License)

ID: GE50CEEF3A7FEN

Abstracts

CMOS (Complementary Metal-Oxide-Semiconductor) image sensors are semiconductor devices that convert light into electrical signals. One of the key advantages of CMOS image sensors is their ability to capture high-quality images at high speeds. They can capture images with high resolution and high dynamic range, and they can also capture video at high frame rates. This makes them ideal for use in applications such as sports photography, surveillance cameras, and machine vision systems. The global CMOS image sensors market is likely to register a CAGR of over 5.85% with an incremental growth of USD 9.3 billion during the forecast period 2023-2029.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global CMOS image sensors market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the end user, and region. The global market for CMOS image sensors can be segmented by end user: consumer electronics, healthcare, industrial, security and surveillance, automotive, aerospace and defense, computing, others. Among these, the consumer electronics segment was accounted for the highest revenue generator in 2022. CMOS image sensors market is further segmented by region: Americas, Europe, China, Japan, Rest of the World. China is estimated to account for the largest share of the global CMOS image sensors market.

Market Segmentation

By end user: consumer electronics, healthcare, industrial, security and surveillance, automotive, aerospace and defense, computing, others

By region: Americas, Europe, China, Japan, Rest of the World

The market research report covers the analysis of key stake holders of the global CMOS image sensors market. Some of the leading players profiled in the report include Canon Inc., GalaxyCore Shanghai Limited Corporation, Hamamatsu Photonics K.K., Omnivision Technologies Inc., On Semiconductor Corporation, Panasonic Corporation, Samsung Electronics Co., Ltd., SK Hynix Inc., Sony Corporation, STMicroelectronics NV, Teledyne Technologies Incorporated, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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Scope of the Report

To analyze and forecast the market size of the global CMOS image sensors market.

To classify and forecast the global CMOS image sensors market based on end user, region.

To identify drivers and challenges for the global CMOS image sensors market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global CMOS image sensors market.

To identify and analyze the profile of leading players operating in the global CMOS image sensors market.

Why Choose This Report

Gain a reliable outlook of the global CMOS image sensors market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

Contents

PART 1. INTRODUCTION

Report description
Objectives of the study
Market segment
Years considered for the report
Currency
Key target audience

PART 2. METHODOLOGY

PART 3. EXECUTIVE SUMMARY

PART 4. MARKET OVERVIEW

Introduction
Drivers
Restraints

PART 5. MARKET BREAKDOWN BY END USER

Consumer electronics
Healthcare
Industrial
Security and surveillance
Automotive
Aerospace and defense
Computing
Others

PART 6. MARKET BREAKDOWN BY REGION

Americas
Europe
China
Japan
Rest of the World

PART 7. KEY COMPANIES

Canon Inc.
GalaxyCore Shanghai Limited Corporation
Hamamatsu Photonics K.K.
Omnivision Technologies Inc.
On Semiconductor Corporation
Panasonic Corporation
Samsung Electronics Co., Ltd.
SK Hynix Inc.
Sony Corporation
STMicroelectronics NV
Teledyne Technologies Incorporated

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