

# Global Back-illuminated GS CMOS Sensor Market Growth 2024-2030

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## Abstracts

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The global Back-illuminated GS CMOS Sensor market size is projected to grow from US\$ 275.9 million in 2023 to US\$ 580.1 million in 2030; it is expected to grow at a CAGR of 11.2% from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the “Back-illuminated GS CMOS Sensor Industry Forecast” looks at past sales and reviews total world Back-illuminated GS CMOS Sensor sales in 2023, providing a comprehensive analysis by region and market sector of projected Back-illuminated GS CMOS Sensor sales for 2024 through 2030. With Back-illuminated GS CMOS Sensor sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Back-illuminated GS CMOS Sensor industry.

This Insight Report provides a comprehensive analysis of the global Back-illuminated GS CMOS Sensor landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Back-illuminated GS CMOS Sensor portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Back-illuminated GS CMOS Sensor market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Back-illuminated GS CMOS Sensor and breaks down the forecast by Resolution, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of

bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Back-illuminated GS CMOS Sensor.

With the development of machine vision, more and more industrial production lines are introducing global shutter image sensors to improve production efficiency and quality, mainly including production line detection, defective product screening, barcode recognition, automated assembly line operation, and other fields; With the commercial implementation of AI and 5G technology, machine vision has also ushered in an emerging downstream commercial application market, mainly including unmanned aerial vehicles, sweeping robots, AR/VR and other fields, which undoubtedly puts higher requirements on the technical level of image sensors.

This report presents a comprehensive overview, market shares, and growth opportunities of Back-illuminated GS CMOS Sensor market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by resolution

?2MP

2-5MP

?5MP

#### Segmentation by application

Industrial Cameras

Smart Transportation

UAV

Smart Home

Others

This report also splits the market by region:

### Americas

United States

Canada

Mexico

Brazil

### APAC

China

Japan

Korea

Southeast Asia

India

Australia

### Europe

Germany

France

UK

Italy

Russia

### Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Sony

STMicroelectronics

SmartSens Technology

ON Semiconductor

ams OSRAM

OMNIVISION

Teledyne Technologies

Pixart

Canon

Gpixel

Key Questions Addressed in this Report

What is the 10-year outlook for the global Back-illuminated GS CMOS Sensor market?

What factors are driving Back-illuminated GS CMOS Sensor market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Back-illuminated GS CMOS Sensor market opportunities vary by end market size?

How does Back-illuminated GS CMOS Sensor break out resolution, application?

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