

# Global Back-illuminated GS CMOS Sensor Supply, Demand and Key Producers, 2024-2030

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## Abstracts

The global Back-illuminated GS CMOS Sensor market size is expected to reach \$ 577.6 million by 2030, rising at a market growth of 10.3% CAGR during the forecast period (2024-2030).

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 studies the global Back-illuminated GS CMOS Sensor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Back-illuminated GS CMOS Sensor, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Back-illuminated GS CMOS Sensor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Back-illuminated GS CMOS Sensor total production and demand, 2019-2030, (K Units)

Global Back-illuminated GS CMOS Sensor total production value, 2019-2030, (USD Million)

Global Back-illuminated GS CMOS Sensor production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global Back-illuminated GS CMOS Sensor consumption by region & country, CAGR, 2019-2030 & (K Units)

U.S. VS China: Back-illuminated GS CMOS Sensor domestic production, consumption, key domestic manufacturers and share

Global Back-illuminated GS CMOS Sensor production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (K Units)

Global Back-illuminated GS CMOS Sensor production by Resolution, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global Back-illuminated GS CMOS Sensor production by Application production, value, CAGR, 2019-2030, (USD Million) & (K Units).

This reports profiles key players in the global Back-illuminated GS CMOS Sensor market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Sony, STMicroelectronics, SmartSens Technology, ON Semiconductor, ams OSRAM, OMNIVISION, Teledyne Technologies, Pixart and Canon, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Back-illuminated GS CMOS Sensor market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by

manufacturer, by Resolution, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

#### Global Back-illuminated GS CMOS Sensor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Back-illuminated GS CMOS Sensor Market, Segmentation by Resolution

?2MP

2-5MP

?5MP

#### Global Back-illuminated GS CMOS Sensor Market, Segmentation by Application

Industrial Cameras

Smart Transportation

UAV

Smart Home

Others

#### Companies Profiled:

Sony

STMicroelectronics

SmartSens Technology

ON Semiconductor

ams OSRAM

OMNIVISION

Teledyne Technologies

Pixart

Canon

Gpixel

#### Key Questions Answered

1. How big is the global Back-illuminated GS CMOS Sensor market?
2. What is the demand of the global Back-illuminated GS CMOS Sensor market?
3. What is the year over year growth of the global Back-illuminated GS CMOS Sensor market?
4. What is the production and production value of the global Back-illuminated GS CMOS

Sensor market?

5. Who are the key producers in the global Back-illuminated GS CMOS Sensor market?

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