

# Global CMOS Sensors for Robots Supply, Demand and Key Producers, 2024-2030

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## Abstracts

The global CMOS Sensors for Robots market size is expected to reach \$ 383 million by 2030, rising at a market growth of 7.9% CAGR during the forecast period (2024-2030).

With the development of CMOS technology, CMOS sensors are now widely considered an appropriate fit for machine vision in robots thanks to their smaller footprint, lower cost, and lower power consumption compared with CCD sensors.

This report studies the global CMOS Sensors for Robots production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for CMOS Sensors for Robots, 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 CMOS Sensors for Robots that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global CMOS Sensors for Robots total production and demand, 2019-2030, (K Units)

Global CMOS Sensors for Robots total production value, 2019-2030, (USD Million)

Global CMOS Sensors for Robots production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global CMOS Sensors for Robots consumption by region & country, CAGR, 2019-2030

& (K Units)

U.S. VS China: CMOS Sensors for Robots domestic production, consumption, key domestic manufacturers and share

Global CMOS Sensors for Robots production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (K Units)

Global CMOS Sensors for Robots production by Type, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global CMOS Sensors for Robots production by Application production, value, CAGR, 2019-2030, (USD Million) & (K Units).

This reports profiles key players in the global CMOS Sensors for Robots 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 Canon, SONY, OmniVision, Canon, On Semi (Aptina), Toshiba, ST, Nikon and PixelPlus, 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 CMOS Sensors for Robots 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 Type, 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 CMOS Sensors for Robots Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global CMOS Sensors for Robots Market, Segmentation by Type

Rolling Shutter

Global Shutter

#### Global CMOS Sensors for Robots Market, Segmentation by Application

Industrial Robots

Commercial Robots

#### Companies Profiled:

Canon

SONY

OmniVision

Canon

On Semi (Aptina)

Toshiba

ST

Nikon

PixelPlus

Pixart

SiliconFile

GalaxyCore

Smartsens Technology

### Key Questions Answered

1. How big is the global CMOS Sensors for Robots market?
2. What is the demand of the global CMOS Sensors for Robots market?
3. What is the year over year growth of the global CMOS Sensors for Robots market?
4. What is the production and production value of the global CMOS Sensors for Robots market?
5. Who are the key producers in the global CMOS Sensors for Robots market?

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