

Global Smart Vision Sensor Market Growth 2026-2032

<https://marketpublishers.com/r/G5008B3B58C1EN.html>

Date: July 2026

Pages: 191

Price: US\$ 3,660.00 (Single User License)

ID: G5008B3B58C1EN

Abstracts

The global Smart Vision Sensor market size is predicted to grow from US\$ 4921 million in 2025 to US\$ 11001 million in 2032; it is expected to grow at a CAGR of 12.2% from 2026 to 2032.

Smart vision sensors are integrated visual sensing and decision making devices for industrial automation environments. Their core purpose is to combine image acquisition, optical illumination, image processing, rule based algorithms or artificial intelligence inference, industrial communication and result output into compact hardware, replacing manual visual inspection and multiple single point photoelectric sensors for presence detection, assembly completeness verification, defect inspection, dimensional measurement, positioning guidance, counting, sorting, optical character recognition, barcode reading and process monitoring. These products are typically deployed on production lines, packaging lines, logistics lines, robotic workstations, warehouse sorting equipment and quality inspection stations, and are purchased and configured by machine builders, system integrators, factory automation teams and quality engineering teams. Their technology paradigm is evolving from traditional rule based vision toward pre trained AI, deep learning, on device inference, 3D point clouds, structured light, stereo vision, laser profiling, web based configuration, PLC connectivity, PROFINET, EtherNet/IP, OPC UA and IO Link industrial protocols. Delivery formats include compact vision sensors, smart cameras, AI smart cameras, 3D smart sensors, robotic 3D cameras and supporting software tools. Business models mainly include hardware sales, software licensing, engineering integration, technical support and application package services. The recommended research scope should focus on intelligent vision hardware with image acquisition, processing and industrial output capabilities, while excluding bare image sensors, ordinary industrial cameras, security cameras, standalone lighting and lenses.

The long term logic of the smart vision sensor industry comes from rising manufacturing

demand for quality consistency, flexible production and closed loop automation control. Traditional production lines rely on manual visual inspection, photoelectric switches, proximity sensors and simple sensors for presence detection. However, as product varieties increase, defect patterns become smaller, assembly positions vary, and characters and barcodes need to be traced, both manual inspection and single point sensors struggle to meet requirements for speed, stability and traceability at the same time. The value of smart vision sensors lies in integrating image acquisition, illumination, image processing, decision logic and industrial communication into one device, enabling factories to generate OK or NG outputs within production cycle time and convert image results into signals that can be directly used by PLCs, robots, MES or databases.

Industry competition is upgrading around three directions, namely edge AI, 3D sensing and industrial connectivity. Edge AI reduces the dependence of traditional machine vision on engineering expertise and rule based parameter tuning, enabling on site personnel to complete defect classification, region segmentation and anomaly detection through a small number of samples, browser interfaces or drag and drop workflows. 3D sensing addresses the limitations of 2D imaging in height, volume, occlusion, transparent parts, reflective parts and randomly piled objects. In industrial connectivity, PROFINET, EtherNet/IP, OPC UA, Modbus TCP, IO Link, M12 connection and PLC direct connection have become procurement thresholds, because customers are no longer buying only a single camera, but field devices that can be embedded into automation architectures, production databases and remote maintenance systems.

From an industry landscape perspective, smart vision sensors represent a global but highly engineering driven market. Japanese vendors emphasize ease of use, stability and factory sales networks. German and European vendors have advantages in industrial sensor portfolios, fieldbus connectivity, mechanical reliability and integration with automation systems. U.S. vendors cover machine vision algorithms, code reading, industrial automation control and AI based inspection. Mainland Chinese and Taiwan vendors are extending from industrial cameras, 3D cameras, machine vision software and edge AI hardware toward integrated smart vision devices. Downstream consumption regions will expand with investment in vehicle electrification, electronics manufacturing, semiconductor packaging, logistics automation, food and pharmaceutical traceability and flexible manufacturing.

LP Information, Inc. (LPI) ' newest research report, the "Smart Vision Sensor Industry Forecast" looks at past sales and reviews total world Smart Vision Sensor sales in 2025, providing a comprehensive analysis by region and market sector of projected

Smart Vision Sensor sales for 2026 through 2032. With Smart Vision Sensor sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Smart Vision Sensor industry.

This Insight Report provides a comprehensive analysis of the global Smart Vision 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 Smart Vision Sensor portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Smart Vision Sensor market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Smart Vision Sensor and breaks down the forecast by Algorithm Configuration Method, 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 Smart Vision Sensor.

This report presents a comprehensive overview, market shares, and growth opportunities of Smart Vision Sensor market by product type, application, key manufacturers and key regions and countries.

Segmentation by Algorithm Configuration Method:

Rule-Based Tool Configuration

AI Training-Based Configuration

Template Matching Configuration

Open Programmable Configuration

Segmentation by Product Form:

Compact Vision Sensor

Smart Camera

AI Smart Camera

3D Smart Vision Sensor

Segmentation by Imaging Dimension:

2D Vision

3D Vision

Laser Profile

Segmentation by Application:

Car Body Visual Inspection System

Online Visual Measurement System For Steel Pipe Straightness And Section Size

3D Shape Visual Measurement

Packaging Production Line

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 analysing the company's coverage, product portfolio, its market penetration.

Cognex Corporation

KEYENCE Corporation

OMRON Corporation

OPTEX FA Co., Ltd.

SICK AG

Baumer Group

SensoPart Industriesensorik GmbH

ifm electronic gmbh

Balluff GmbH

Banner Engineering Corp.

Datalogic S.p.A.

Pepperl+Fuchs SE

Leuze electronic GmbH + Co. KG

Zebra Technologies Corporation

IDS Imaging Development Systems GmbH

IMAGO Technologies GmbH

ABB Ltd.

Turck Holding GmbH

wenglor sensoric group

Festo SE & Co. KG

Teledyne Technologies Incorporated

TKH Group N.V.

Zivid AS

WEG S.A.

Overview AI, Inc.

Autonics Corporation

DONG IL TECHNOLOGY Co., Ltd.

Hangzhou Hikrobot Co., Ltd.

Guangdong OPT Machine Vision Tech Co., Ltd.

Zhejiang HuaRay Technology Co., Ltd.

Mech-Mind Robotics Technologies Ltd.

Orbbec Inc.

ADLINK Technology Inc.

LUSTER LightTech Co., Ltd.

di-soric GmbH & Co. KG

Rockwell Automation, Inc.

Key Questions Addressed in this Report

What is the 10-year outlook for the global Smart Vision Sensor market?
What factors are driving Smart Vision Sensor market growth, globally and by region?
Which technologies are poised for the fastest growth by market and region?
How do Smart Vision Sensor market opportunities vary by end market size?
How does Smart Vision Sensor break out by Algorithm Configuration Method, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Smart Vision Sensor Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Smart Vision Sensor by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Smart Vision Sensor by Country/Region, 2021, 2025 & 2032
- 2.2 Smart Vision Sensor Segment by Algorithm Configuration Method
 - 2.2.1 Rule-Based Tool Configuration
 - 2.2.2 AI Training-Based Configuration
 - 2.2.3 Template Matching Configuration
 - 2.2.4 Open Programmable Configuration
 - 2.2.5 Smart Vision Sensor Sales by Algorithm Configuration Method
 - 2.2.5.1 Global Smart Vision Sensor Sales Market Share by Algorithm Configuration Method (2021-2026)
 - 2.2.5.2 Global Smart Vision Sensor Revenue and Market Share by Algorithm Configuration Method (2021-2026)
 - 2.2.5.3 Global Smart Vision Sensor Sale Price by Algorithm Configuration Method (2021-2026)
- 2.3 Smart Vision Sensor Segment by Product Form
 - 2.3.1 Compact Vision Sensor
 - 2.3.2 Smart Camera
 - 2.3.3 AI Smart Camera
 - 2.3.4 3D Smart Vision Sensor
 - 2.3.5 Smart Vision Sensor Sales by Product Form

- 2.3.5.1 Global Smart Vision Sensor Sales Market Share by Product Form (2021-2026)
- 2.3.5.2 Global Smart Vision Sensor Revenue and Market Share by Product Form (2021-2026)
- 2.3.5.3 Global Smart Vision Sensor Sale Price by Product Form (2021-2026)
- 2.4 Smart Vision Sensor Segment by Imaging Dimension
 - 2.4.1 2D Vision
 - 2.4.2 3D Vision
 - 2.4.3 Laser Profile
 - 2.4.4 Smart Vision Sensor Sales by Imaging Dimension
 - 2.4.4.1 Global Smart Vision Sensor Sales Market Share by Imaging Dimension (2021-2026)
 - 2.4.4.2 Global Smart Vision Sensor Revenue and Market Share by Imaging Dimension (2021-2026)
 - 2.4.4.3 Global Smart Vision Sensor Sale Price by Imaging Dimension (2021-2026)
- 2.5 Smart Vision Sensor Segment by Application
 - 2.5.1 Car Body Visual Inspection System
 - 2.5.2 Online Visual Measurement System For Steel Pipe Straightness And Section Size
 - 2.5.3 3D Shape Visual Measurement
 - 2.5.4 Packaging Production Line
 - 2.5.5 Smart Vision Sensor Sales by Application
 - 2.5.5.1 Global Smart Vision Sensor Sale Market Share by Application (2021-2026)
 - 2.5.5.2 Global Smart Vision Sensor Revenue and Market Share by Application (2021-2026)
 - 2.5.5.3 Global Smart Vision Sensor Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

- 3.1 Global Smart Vision Sensor Breakdown Data by Company
 - 3.1.1 Global Smart Vision Sensor Annual Sales by Company (2021-2026)
 - 3.1.2 Global Smart Vision Sensor Sales Market Share by Company (2021-2026)
- 3.2 Global Smart Vision Sensor Annual Revenue by Company (2021-2026)
 - 3.2.1 Global Smart Vision Sensor Revenue by Company (2021-2026)
 - 3.2.2 Global Smart Vision Sensor Revenue Market Share by Company (2021-2026)
- 3.3 Global Smart Vision Sensor Sale Price by Company
- 3.4 Key Manufacturers Smart Vision Sensor Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers Smart Vision Sensor Product Location Distribution

- 3.4.2 Players Smart Vision Sensor Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR SMART VISION SENSOR BY GEOGRAPHIC REGION

- 4.1 World Historic Smart Vision Sensor Market Size by Geographic Region (2021-2026)
 - 4.1.1 Global Smart Vision Sensor Annual Sales by Geographic Region (2021-2026)
 - 4.1.2 Global Smart Vision Sensor Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic Smart Vision Sensor Market Size by Country/Region (2021-2026)
 - 4.2.1 Global Smart Vision Sensor Annual Sales by Country/Region (2021-2026)
 - 4.2.2 Global Smart Vision Sensor Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas Smart Vision Sensor Sales Growth
- 4.4 APAC Smart Vision Sensor Sales Growth
- 4.5 Europe Smart Vision Sensor Sales Growth
- 4.6 Middle East & Africa Smart Vision Sensor Sales Growth

5 AMERICAS

- 5.1 Americas Smart Vision Sensor Sales by Country
 - 5.1.1 Americas Smart Vision Sensor Sales by Country (2021-2026)
 - 5.1.2 Americas Smart Vision Sensor Revenue by Country (2021-2026)
- 5.2 Americas Smart Vision Sensor Sales by Algorithm Configuration Method (2021-2026)
- 5.3 Americas Smart Vision Sensor Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Smart Vision Sensor Sales by Region
 - 6.1.1 APAC Smart Vision Sensor Sales by Region (2021-2026)
 - 6.1.2 APAC Smart Vision Sensor Revenue by Region (2021-2026)

6.2 APAC Smart Vision Sensor Sales by Algorithm Configuration Method (2021-2026)

6.3 APAC Smart Vision Sensor Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Smart Vision Sensor by Country

7.1.1 Europe Smart Vision Sensor Sales by Country (2021-2026)

7.1.2 Europe Smart Vision Sensor Revenue by Country (2021-2026)

7.2 Europe Smart Vision Sensor Sales by Algorithm Configuration Method (2021-2026)

7.3 Europe Smart Vision Sensor Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Smart Vision Sensor by Country

8.1.1 Middle East & Africa Smart Vision Sensor Sales by Country (2021-2026)

8.1.2 Middle East & Africa Smart Vision Sensor Revenue by Country (2021-2026)

8.2 Middle East & Africa Smart Vision Sensor Sales by Algorithm Configuration Method (2021-2026)

8.3 Middle East & Africa Smart Vision Sensor Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Smart Vision Sensor

10.3 Manufacturing Process Analysis of Smart Vision Sensor

10.4 Industry Chain Structure of Smart Vision Sensor

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Smart Vision Sensor Distributors

11.3 Smart Vision Sensor Customer

12 WORLD FORECAST REVIEW FOR SMART VISION SENSOR BY GEOGRAPHIC REGION

12.1 Global Smart Vision Sensor Market Size Forecast by Region

12.1.1 Global Smart Vision Sensor Forecast by Region (2027-2032)

12.1.2 Global Smart Vision Sensor Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Smart Vision Sensor Forecast by Algorithm Configuration Method (2027-2032)

12.7 Global Smart Vision Sensor Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Cognex Corporation

13.1.1 Cognex Corporation Company Information

13.1.2 Cognex Corporation Smart Vision Sensor Product Portfolios and Specifications

13.1.3 Cognex Corporation Smart Vision Sensor Sales, Revenue, Price and Gross

Margin (2021-2026)

13.1.4 Cognex Corporation Main Business Overview

13.1.5 Cognex Corporation Latest Developments

13.2 KEYENCE Corporation

13.2.1 KEYENCE Corporation Company Information

13.2.2 KEYENCE Corporation Smart Vision Sensor Product Portfolios and Specifications

13.2.3 KEYENCE Corporation Smart Vision Sensor Sales, Revenue, Price and Gross

Margin (2021-2026)

13.2.4 KEYENCE Corporation Main Business Overview

13.2.5 KEYENCE Corporation Latest Developments

13.3 OMRON Corporation

13.3.1 OMRON Corporation Company Information

13.3.2 OMRON Corporation Smart Vision Sensor Product Portfolios and Specifications

13.3.3 OMRON Corporation Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 OMRON Corporation Main Business Overview

13.3.5 OMRON Corporation Latest Developments

13.4 OPTEX FA Co., Ltd.

13.4.1 OPTEX FA Co., Ltd. Company Information

13.4.2 OPTEX FA Co., Ltd. Smart Vision Sensor Product Portfolios and Specifications

13.4.3 OPTEX FA Co., Ltd. Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 OPTEX FA Co., Ltd. Main Business Overview

13.4.5 OPTEX FA Co., Ltd. Latest Developments

13.5 SICK AG

13.5.1 SICK AG Company Information

13.5.2 SICK AG Smart Vision Sensor Product Portfolios and Specifications

13.5.3 SICK AG Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 SICK AG Main Business Overview

13.5.5 SICK AG Latest Developments

13.6 Baumer Group

13.6.1 Baumer Group Company Information

13.6.2 Baumer Group Smart Vision Sensor Product Portfolios and Specifications

13.6.3 Baumer Group Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 Baumer Group Main Business Overview

13.6.5 Baumer Group Latest Developments

13.7 SensoPart Industriesensorik GmbH

13.7.1 SensoPart Industriesensorik GmbH Company Information

13.7.2 SensoPart Industriesensorik GmbH Smart Vision Sensor Product Portfolios and Specifications

13.7.3 SensoPart Industriesensorik GmbH Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 SensoPart Industriesensorik GmbH Main Business Overview

13.7.5 SensoPart Industriesensorik GmbH Latest Developments

13.8 ifm electronic gmbh

13.8.1 ifm electronic gmbh Company Information

13.8.2 ifm electronic gmbh Smart Vision Sensor Product Portfolios and Specifications

13.8.3 ifm electronic gmbh Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 ifm electronic gmbh Main Business Overview

13.8.5 ifm electronic gmbh Latest Developments

13.9 Balluff GmbH

13.9.1 Balluff GmbH Company Information

13.9.2 Balluff GmbH Smart Vision Sensor Product Portfolios and Specifications

13.9.3 Balluff GmbH Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Balluff GmbH Main Business Overview

13.9.5 Balluff GmbH Latest Developments

13.10 Banner Engineering Corp.

13.10.1 Banner Engineering Corp. Company Information

13.10.2 Banner Engineering Corp. Smart Vision Sensor Product Portfolios and Specifications

13.10.3 Banner Engineering Corp. Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Banner Engineering Corp. Main Business Overview

13.10.5 Banner Engineering Corp. Latest Developments

13.11 Datalogic S.p.A.

13.11.1 Datalogic S.p.A. Company Information

13.11.2 Datalogic S.p.A. Smart Vision Sensor Product Portfolios and Specifications

13.11.3 Datalogic S.p.A. Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 Datalogic S.p.A. Main Business Overview

13.11.5 Datalogic S.p.A. Latest Developments

13.12 Pepperl+Fuchs SE

13.12.1 Pepperl+Fuchs SE Company Information

- 13.12.2 Pepperl+Fuchs SE Smart Vision Sensor Product Portfolios and Specifications
- 13.12.3 Pepperl+Fuchs SE Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.12.4 Pepperl+Fuchs SE Main Business Overview
- 13.12.5 Pepperl+Fuchs SE Latest Developments
- 13.13 Leuze electronic GmbH + Co. KG
 - 13.13.1 Leuze electronic GmbH + Co. KG Company Information
 - 13.13.2 Leuze electronic GmbH + Co. KG Smart Vision Sensor Product Portfolios and Specifications
 - 13.13.3 Leuze electronic GmbH + Co. KG Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.13.4 Leuze electronic GmbH + Co. KG Main Business Overview
 - 13.13.5 Leuze electronic GmbH + Co. KG Latest Developments
- 13.14 Zebra Technologies Corporation
 - 13.14.1 Zebra Technologies Corporation Company Information
 - 13.14.2 Zebra Technologies Corporation Smart Vision Sensor Product Portfolios and Specifications
 - 13.14.3 Zebra Technologies Corporation Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.14.4 Zebra Technologies Corporation Main Business Overview
 - 13.14.5 Zebra Technologies Corporation Latest Developments
- 13.15 IDS Imaging Development Systems GmbH
 - 13.15.1 IDS Imaging Development Systems GmbH Company Information
 - 13.15.2 IDS Imaging Development Systems GmbH Smart Vision Sensor Product Portfolios and Specifications
 - 13.15.3 IDS Imaging Development Systems GmbH Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.15.4 IDS Imaging Development Systems GmbH Main Business Overview
 - 13.15.5 IDS Imaging Development Systems GmbH Latest Developments
- 13.16 IMAGO Technologies GmbH
 - 13.16.1 IMAGO Technologies GmbH Company Information
 - 13.16.2 IMAGO Technologies GmbH Smart Vision Sensor Product Portfolios and Specifications
 - 13.16.3 IMAGO Technologies GmbH Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.16.4 IMAGO Technologies GmbH Main Business Overview
 - 13.16.5 IMAGO Technologies GmbH Latest Developments
- 13.17 ABB Ltd.
 - 13.17.1 ABB Ltd. Company Information

- 13.17.2 ABB Ltd. Smart Vision Sensor Product Portfolios and Specifications
- 13.17.3 ABB Ltd. Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.17.4 ABB Ltd. Main Business Overview
- 13.17.5 ABB Ltd. Latest Developments
- 13.18 Turck Holding GmbH
 - 13.18.1 Turck Holding GmbH Company Information
 - 13.18.2 Turck Holding GmbH Smart Vision Sensor Product Portfolios and Specifications
 - 13.18.3 Turck Holding GmbH Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.18.4 Turck Holding GmbH Main Business Overview
 - 13.18.5 Turck Holding GmbH Latest Developments
- 13.19 wenglor sensoric group
 - 13.19.1 wenglor sensoric group Company Information
 - 13.19.2 wenglor sensoric group Smart Vision Sensor Product Portfolios and Specifications
 - 13.19.3 wenglor sensoric group Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.19.4 wenglor sensoric group Main Business Overview
 - 13.19.5 wenglor sensoric group Latest Developments
- 13.20 Festo SE & Co. KG
 - 13.20.1 Festo SE & Co. KG Company Information
 - 13.20.2 Festo SE & Co. KG Smart Vision Sensor Product Portfolios and Specifications
 - 13.20.3 Festo SE & Co. KG Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.20.4 Festo SE & Co. KG Main Business Overview
 - 13.20.5 Festo SE & Co. KG Latest Developments
- 13.21 Teledyne Technologies Incorporated
 - 13.21.1 Teledyne Technologies Incorporated Company Information
 - 13.21.2 Teledyne Technologies Incorporated Smart Vision Sensor Product Portfolios and Specifications
 - 13.21.3 Teledyne Technologies Incorporated Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.21.4 Teledyne Technologies Incorporated Main Business Overview
 - 13.21.5 Teledyne Technologies Incorporated Latest Developments
- 13.22 TKH Group N.V.
 - 13.22.1 TKH Group N.V. Company Information
 - 13.22.2 TKH Group N.V. Smart Vision Sensor Product Portfolios and Specifications

13.22.3 TKH Group N.V. Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.22.4 TKH Group N.V. Main Business Overview

13.22.5 TKH Group N.V. Latest Developments

13.23 Zivid AS

13.23.1 Zivid AS Company Information

13.23.2 Zivid AS Smart Vision Sensor Product Portfolios and Specifications

13.23.3 Zivid AS Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.23.4 Zivid AS Main Business Overview

13.23.5 Zivid AS Latest Developments

13.24 WEG S.A.

13.24.1 WEG S.A. Company Information

13.24.2 WEG S.A. Smart Vision Sensor Product Portfolios and Specifications

13.24.3 WEG S.A. Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.24.4 WEG S.A. Main Business Overview

13.24.5 WEG S.A. Latest Developments

13.25 Overview AI, Inc.

13.25.1 Overview AI, Inc. Company Information

13.25.2 Overview AI, Inc. Smart Vision Sensor Product Portfolios and Specifications

13.25.3 Overview AI, Inc. Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.25.4 Overview AI, Inc. Main Business Overview

13.25.5 Overview AI, Inc. Latest Developments

13.26 Autonics Corporation

13.26.1 Autonics Corporation Company Information

13.26.2 Autonics Corporation Smart Vision Sensor Product Portfolios and Specifications

13.26.3 Autonics Corporation Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.26.4 Autonics Corporation Main Business Overview

13.26.5 Autonics Corporation Latest Developments

13.27 DONG IL TECHNOLOGY Co., Ltd.

13.27.1 DONG IL TECHNOLOGY Co., Ltd. Company Information

13.27.2 DONG IL TECHNOLOGY Co., Ltd. Smart Vision Sensor Product Portfolios and Specifications

13.27.3 DONG IL TECHNOLOGY Co., Ltd. Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.27.4 DONG IL TECHNOLOGY Co., Ltd. Main Business Overview
- 13.27.5 DONG IL TECHNOLOGY Co., Ltd. Latest Developments
- 13.28 Hangzhou Hikrobot Co., Ltd.
 - 13.28.1 Hangzhou Hikrobot Co., Ltd. Company Information
 - 13.28.2 Hangzhou Hikrobot Co., Ltd. Smart Vision Sensor Product Portfolios and Specifications
 - 13.28.3 Hangzhou Hikrobot Co., Ltd. Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.28.4 Hangzhou Hikrobot Co., Ltd. Main Business Overview
 - 13.28.5 Hangzhou Hikrobot Co., Ltd. Latest Developments
- 13.29 Guangdong OPT Machine Vision Tech Co., Ltd.
 - 13.29.1 Guangdong OPT Machine Vision Tech Co., Ltd. Company Information
 - 13.29.2 Guangdong OPT Machine Vision Tech Co., Ltd. Smart Vision Sensor Product Portfolios and Specifications
 - 13.29.3 Guangdong OPT Machine Vision Tech Co., Ltd. Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.29.4 Guangdong OPT Machine Vision Tech Co., Ltd. Main Business Overview
 - 13.29.5 Guangdong OPT Machine Vision Tech Co., Ltd. Latest Developments
- 13.30 Zhejiang HuaRay Technology Co., Ltd.
 - 13.30.1 Zhejiang HuaRay Technology Co., Ltd. Company Information
 - 13.30.2 Zhejiang HuaRay Technology Co., Ltd. Smart Vision Sensor Product Portfolios and Specifications
 - 13.30.3 Zhejiang HuaRay Technology Co., Ltd. Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.30.4 Zhejiang HuaRay Technology Co., Ltd. Main Business Overview
 - 13.30.5 Zhejiang HuaRay Technology Co., Ltd. Latest Developments
- 13.31 Mech-Mind Robotics Technologies Ltd.
 - 13.31.1 Mech-Mind Robotics Technologies Ltd. Company Information
 - 13.31.2 Mech-Mind Robotics Technologies Ltd. Smart Vision Sensor Product Portfolios and Specifications
 - 13.31.3 Mech-Mind Robotics Technologies Ltd. Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.31.4 Mech-Mind Robotics Technologies Ltd. Main Business Overview
 - 13.31.5 Mech-Mind Robotics Technologies Ltd. Latest Developments
- 13.32 Orbbec Inc.
 - 13.32.1 Orbbec Inc. Company Information
 - 13.32.2 Orbbec Inc. Smart Vision Sensor Product Portfolios and Specifications
 - 13.32.3 Orbbec Inc. Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.32.4 Orbbec Inc. Main Business Overview

13.32.5 Orbbec Inc. Latest Developments

13.33 ADLINK Technology Inc.

13.33.1 ADLINK Technology Inc. Company Information

13.33.2 ADLINK Technology Inc. Smart Vision Sensor Product Portfolios and Specifications

13.33.3 ADLINK Technology Inc. Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.33.4 ADLINK Technology Inc. Main Business Overview

13.33.5 ADLINK Technology Inc. Latest Developments

13.34 LUSTER LightTech Co., Ltd.

13.34.1 LUSTER LightTech Co., Ltd. Company Information

13.34.2 LUSTER LightTech Co., Ltd. Smart Vision Sensor Product Portfolios and Specifications

13.34.3 LUSTER LightTech Co., Ltd. Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.34.4 LUSTER LightTech Co., Ltd. Main Business Overview

13.34.5 LUSTER LightTech Co., Ltd. Latest Developments

13.35 di-soric GmbH & Co. KG

13.35.1 di-soric GmbH & Co. KG Company Information

13.35.2 di-soric GmbH & Co. KG Smart Vision Sensor Product Portfolios and Specifications

13.35.3 di-soric GmbH & Co. KG Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.35.4 di-soric GmbH & Co. KG Main Business Overview

13.35.5 di-soric GmbH & Co. KG Latest Developments

13.36 Rockwell Automation, Inc.

13.36.1 Rockwell Automation, Inc. Company Information

13.36.2 Rockwell Automation, Inc. Smart Vision Sensor Product Portfolios and Specifications

13.36.3 Rockwell Automation, Inc. Smart Vision Sensor Sales, Revenue, Price and Gross Margin (2021-2026)

13.36.4 Rockwell Automation, Inc. Main Business Overview

13.36.5 Rockwell Automation, Inc. Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Smart Vision Sensor Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Smart Vision Sensor Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Rule-Based Tool Configuration

Table 4. Major Players of AI Training-Based Configuration

Table 5. Major Players of Template Matching Configuration

Table 6. Major Players of Open Programmable Configuration

Table 7. Global Smart Vision Sensor Sales by Algorithm Configuration Method (2021-2026) & (K Units)

Table 8. Global Smart Vision Sensor Sales Market Share by Algorithm Configuration Method (2021-2026)

Table 9. Global Smart Vision Sensor Revenue by Algorithm Configuration Method (2021-2026) & (\$ million)

Table 10. Global Smart Vision Sensor Revenue Market Share by Algorithm Configuration Method (2021-2026)

Table 11. Global Smart Vision Sensor Sale Price by Algorithm Configuration Method (2021-2026) & (US\$/Unit)

Table 12. Major Players of Compact Vision Sensor

Table 13. Major Players of Smart Camera

Table 14. Major Players of AI Smart Camera

Table 15. Major Players of 3D Smart Vision Sensor

Table 16. Global Smart Vision Sensor Sales by Product Form (2021-2026) & (K Units)

Table 17. Global Smart Vision Sensor Sales Market Share by Product Form (2021-2026)

Table 18. Global Smart Vision Sensor Revenue by Product Form (2021-2026) & (\$ million)

Table 19. Global Smart Vision Sensor Revenue Market Share by Product Form (2021-2026)

Table 20. Global Smart Vision Sensor Sale Price by Product Form (2021-2026) & (US\$/Unit)

Table 21. Major Players of 2D Vision

Table 22. Major Players of 3D Vision

Table 23. Major Players of Laser Profile

Table 24. Global Smart Vision Sensor Sales by Imaging Dimension (2021-2026) & (K

Units)

Table 25. Global Smart Vision Sensor Sales Market Share by Imaging Dimension (2021-2026)

Table 26. Global Smart Vision Sensor Revenue by Imaging Dimension (2021-2026) & (\$ million)

Table 27. Global Smart Vision Sensor Revenue Market Share by Imaging Dimension (2021-2026)

Table 28. Global Smart Vision Sensor Sale Price by Imaging Dimension (2021-2026) & (US\$/Unit)

Table 29. Global Smart Vision Sensor Sale by Application (2021-2026) & (K Units)

Table 30. Global Smart Vision Sensor Sale Market Share by Application (2021-2026)

Table 31. Global Smart Vision Sensor Revenue by Application (2021-2026) & (\$ million)

Table 32. Global Smart Vision Sensor Revenue Market Share by Application (2021-2026)

Table 33. Global Smart Vision Sensor Sale Price by Application (2021-2026) & (US\$/Unit)

Table 34. Global Smart Vision Sensor Sales by Company (2021-2026) & (K Units)

Table 35. Global Smart Vision Sensor Sales Market Share by Company (2021-2026)

Table 36. Global Smart Vision Sensor Revenue by Company (2021-2026) & (\$ millions)

Table 37. Global Smart Vision Sensor Revenue Market Share by Company (2021-2026)

Table 38. Global Smart Vision Sensor Sale Price by Company (2021-2026) & (US\$/Unit)

Table 39. Key Manufacturers Smart Vision Sensor Producing Area Distribution and Sales Area

Table 40. Players Smart Vision Sensor Products Offered

Table 41. Smart Vision Sensor Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 42. New Products and Potential Entrants

Table 43. Market M&A Activity & Strategy

Table 44. Global Smart Vision Sensor Sales by Geographic Region (2021-2026) & (K Units)

Table 45. Global Smart Vision Sensor Sales Market Share Geographic Region (2021-2026)

Table 46. Global Smart Vision Sensor Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 47. Global Smart Vision Sensor Revenue Market Share by Geographic Region (2021-2026)

Table 48. Global Smart Vision Sensor Sales by Country/Region (2021-2026) & (K Units)

Table 49. Global Smart Vision Sensor Sales Market Share by Country/Region

(2021-2026)

Table 50. Global Smart Vision Sensor Revenue by Country/Region (2021-2026) & (\$ millions)

Table 51. Global Smart Vision Sensor Revenue Market Share by Country/Region (2021-2026)

Table 52. Americas Smart Vision Sensor Sales by Country (2021-2026) & (K Units)

Table 53. Americas Smart Vision Sensor Sales Market Share by Country (2021-2026)

Table 54. Americas Smart Vision Sensor Revenue by Country (2021-2026) & (\$ millions)

Table 55. Americas Smart Vision Sensor Sales by Algorithm Configuration Method (2021-2026) & (K Units)

Table 56. Americas Smart Vision Sensor Sales by Application (2021-2026) & (K Units)

Table 57. APAC Smart Vision Sensor Sales by Region (2021-2026) & (K Units)

Table 58. APAC Smart Vision Sensor Sales Market Share by Region (2021-2026)

Table 59. APAC Smart Vision Sensor Revenue by Region (2021-2026) & (\$ millions)

Table 60. APAC Smart Vision Sensor Sales by Algorithm Configuration Method (2021-2026) & (K Units)

Table 61. APAC Smart Vision Sensor Sales by Application (2021-2026) & (K Units)

Table 62. Europe Smart Vision Sensor Sales by Country (2021-2026) & (K Units)

Table 63. Europe Smart Vision Sensor Revenue by Country (2021-2026) & (\$ millions)

Table 64. Europe Smart Vision Sensor Sales by Algorithm Configuration Method (2021-2026) & (K Units)

Table 65. Europe Smart Vision Sensor Sales by Application (2021-2026) & (K Units)

Table 66. Middle East & Africa Smart Vision Sensor Sales by Country (2021-2026) & (K Units)

Table 67. Middle East & Africa Smart Vision Sensor Revenue Market Share by Country (2021-2026)

Table 68. Middle East & Africa Smart Vision Sensor Sales by Algorithm Configuration Method (2021-2026) & (K Units)

Table 69. Middle East & Africa Smart Vision Sensor Sales by Application (2021-2026) & (K Units)

Table 70. Key Market Drivers & Growth Opportunities of Smart Vision Sensor

Table 71. Key Market Challenges & Risks of Smart Vision Sensor

Table 72. Key Industry Trends of Smart Vision Sensor

Table 73. Smart Vision Sensor Raw Material

Table 74. Key Suppliers of Raw Materials

Table 75. Smart Vision Sensor Distributors List

Table 76. Smart Vision Sensor Customer List

Table 77. Global Smart Vision Sensor Sales Forecast by Region (2027-2032) & (K

Units)

Table 78. Global Smart Vision Sensor Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 79. Americas Smart Vision Sensor Sales Forecast by Country (2027-2032) & (K Units)

Table 80. Americas Smart Vision Sensor Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 81. APAC Smart Vision Sensor Sales Forecast by Region (2027-2032) & (K Units)

Table 82. APAC Smart Vision Sensor Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 83. Europe Smart Vision Sensor Sales Forecast by Country (2027-2032) & (K Units)

Table 84. Europe Smart Vision Sensor Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 85. Middle East & Africa Smart Vision Sensor Sales Forecast by Country (2027-2032) & (K Units)

Table 86. Middle East & Africa Smart Vision Sensor Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 87. Global Smart Vision Sensor Sales Forecast by Algorithm Configuration Method (2027-2032) & (K Units)

Table 88. Global Smart Vision Sensor Revenue Forecast by Algorithm Configuration Method (2027-2032) & (\$ millions)

Table 89. Global Smart Vision Sensor Sales Forecast by Application (2027-2032) & (K Units)

Table 90. Global Smart Vision Sensor Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 91. Cognex Corporation Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 92. Cognex Corporation Smart Vision Sensor Product Portfolios and Specifications

Table 93. Cognex Corporation Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 94. Cognex Corporation Main Business

Table 95. Cognex Corporation Latest Developments

Table 96. KEYENCE Corporation Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 97. KEYENCE Corporation Smart Vision Sensor Product Portfolios and Specifications

Table 98. KEYENCE Corporation Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 99. KEYENCE Corporation Main Business

Table 100. KEYENCE Corporation Latest Developments

Table 101. OMRON Corporation Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 102. OMRON Corporation Smart Vision Sensor Product Portfolios and Specifications

Table 103. OMRON Corporation Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 104. OMRON Corporation Main Business

Table 105. OMRON Corporation Latest Developments

Table 106. OPTEX FA Co., Ltd. Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 107. OPTEX FA Co., Ltd. Smart Vision Sensor Product Portfolios and Specifications

Table 108. OPTEX FA Co., Ltd. Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 109. OPTEX FA Co., Ltd. Main Business

Table 110. OPTEX FA Co., Ltd. Latest Developments

Table 111. SICK AG Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 112. SICK AG Smart Vision Sensor Product Portfolios and Specifications

Table 113. SICK AG Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 114. SICK AG Main Business

Table 115. SICK AG Latest Developments

Table 116. Baumer Group Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 117. Baumer Group Smart Vision Sensor Product Portfolios and Specifications

Table 118. Baumer Group Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 119. Baumer Group Main Business

Table 120. Baumer Group Latest Developments

Table 121. SensoPart Industriesensorik GmbH Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 122. SensoPart Industriesensorik GmbH Smart Vision Sensor Product Portfolios and Specifications

Table 123. SensoPart Industriesensorik GmbH Smart Vision Sensor Sales (K Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 124. SensoPart Industriesensorik GmbH Main Business

Table 125. SensoPart Industriesensorik GmbH Latest Developments

Table 126. ifm electronic gmbh Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 127. ifm electronic gmbh Smart Vision Sensor Product Portfolios and Specifications

Table 128. ifm electronic gmbh Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 129. ifm electronic gmbh Main Business

Table 130. ifm electronic gmbh Latest Developments

Table 131. Balluff GmbH Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 132. Balluff GmbH Smart Vision Sensor Product Portfolios and Specifications

Table 133. Balluff GmbH Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 134. Balluff GmbH Main Business

Table 135. Balluff GmbH Latest Developments

Table 136. Banner Engineering Corp. Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 137. Banner Engineering Corp. Smart Vision Sensor Product Portfolios and Specifications

Table 138. Banner Engineering Corp. Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 139. Banner Engineering Corp. Main Business

Table 140. Banner Engineering Corp. Latest Developments

Table 141. Datalogic S.p.A. Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 142. Datalogic S.p.A. Smart Vision Sensor Product Portfolios and Specifications

Table 143. Datalogic S.p.A. Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 144. Datalogic S.p.A. Main Business

Table 145. Datalogic S.p.A. Latest Developments

Table 146. Pepperl+Fuchs SE Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 147. Pepperl+Fuchs SE Smart Vision Sensor Product Portfolios and Specifications

Table 148. Pepperl+Fuchs SE Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 149. Pepperl+Fuchs SE Main Business

Table 150. Pepperl+Fuchs SE Latest Developments

Table 151. Leuze electronic GmbH + Co. KG Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 152. Leuze electronic GmbH + Co. KG Smart Vision Sensor Product Portfolios and Specifications

Table 153. Leuze electronic GmbH + Co. KG Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 154. Leuze electronic GmbH + Co. KG Main Business

Table 155. Leuze electronic GmbH + Co. KG Latest Developments

Table 156. Zebra Technologies Corporation Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 157. Zebra Technologies Corporation Smart Vision Sensor Product Portfolios and Specifications

Table 158. Zebra Technologies Corporation Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 159. Zebra Technologies Corporation Main Business

Table 160. Zebra Technologies Corporation Latest Developments

Table 161. IDS Imaging Development Systems GmbH Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 162. IDS Imaging Development Systems GmbH Smart Vision Sensor Product Portfolios and Specifications

Table 163. IDS Imaging Development Systems GmbH Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 164. IDS Imaging Development Systems GmbH Main Business

Table 165. IDS Imaging Development Systems GmbH Latest Developments

Table 166. IMAGO Technologies GmbH Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 167. IMAGO Technologies GmbH Smart Vision Sensor Product Portfolios and Specifications

Table 168. IMAGO Technologies GmbH Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 169. IMAGO Technologies GmbH Main Business

Table 170. IMAGO Technologies GmbH Latest Developments

Table 171. ABB Ltd. Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 172. ABB Ltd. Smart Vision Sensor Product Portfolios and Specifications

Table 173. ABB Ltd. Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 174. ABB Ltd. Main Business

Table 175. ABB Ltd. Latest Developments

Table 176. Turck Holding GmbH Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 177. Turck Holding GmbH Smart Vision Sensor Product Portfolios and Specifications

Table 178. Turck Holding GmbH Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 179. Turck Holding GmbH Main Business

Table 180. Turck Holding GmbH Latest Developments

Table 181. wenglor sensoric group Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 182. wenglor sensoric group Smart Vision Sensor Product Portfolios and Specifications

Table 183. wenglor sensoric group Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 184. wenglor sensoric group Main Business

Table 185. wenglor sensoric group Latest Developments

Table 186. Festo SE & Co. KG Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 187. Festo SE & Co. KG Smart Vision Sensor Product Portfolios and Specifications

Table 188. Festo SE & Co. KG Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 189. Festo SE & Co. KG Main Business

Table 190. Festo SE & Co. KG Latest Developments

Table 191. Teledyne Technologies Incorporated Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 192. Teledyne Technologies Incorporated Smart Vision Sensor Product Portfolios and Specifications

Table 193. Teledyne Technologies Incorporated Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 194. Teledyne Technologies Incorporated Main Business

Table 195. Teledyne Technologies Incorporated Latest Developments

Table 196. TKH Group N.V. Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 197. TKH Group N.V. Smart Vision Sensor Product Portfolios and Specifications

Table 198. TKH Group N.V. Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 199. TKH Group N.V. Main Business
Table 200. TKH Group N.V. Latest Developments
Table 201. Zivid AS Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors
Table 202. Zivid AS Smart Vision Sensor Product Portfolios and Specifications
Table 203. Zivid AS Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 204. Zivid AS Main Business
Table 205. Zivid AS Latest Developments
Table 206. WEG S.A. Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors
Table 207. WEG S.A. Smart Vision Sensor Product Portfolios and Specifications
Table 208. WEG S.A. Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 209. WEG S.A. Main Business
Table 210. WEG S.A. Latest Developments
Table 211. Overview AI, Inc. Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors
Table 212. Overview AI, Inc. Smart Vision Sensor Product Portfolios and Specifications
Table 213. Overview AI, Inc. Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 214. Overview AI, Inc. Main Business
Table 215. Overview AI, Inc. Latest Developments
Table 216. Autonics Corporation Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors
Table 217. Autonics Corporation Smart Vision Sensor Product Portfolios and Specifications
Table 218. Autonics Corporation Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 219. Autonics Corporation Main Business
Table 220. Autonics Corporation Latest Developments
Table 221. DONG IL TECHNOLOGY Co., Ltd. Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors
Table 222. DONG IL TECHNOLOGY Co., Ltd. Smart Vision Sensor Product Portfolios and Specifications
Table 223. DONG IL TECHNOLOGY Co., Ltd. Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 224. DONG IL TECHNOLOGY Co., Ltd. Main Business
Table 225. DONG IL TECHNOLOGY Co., Ltd. Latest Developments

Table 226. Hangzhou Hikrobot Co., Ltd. Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 227. Hangzhou Hikrobot Co., Ltd. Smart Vision Sensor Product Portfolios and Specifications

Table 228. Hangzhou Hikrobot Co., Ltd. Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 229. Hangzhou Hikrobot Co., Ltd. Main Business

Table 230. Hangzhou Hikrobot Co., Ltd. Latest Developments

Table 231. Guangdong OPT Machine Vision Tech Co., Ltd. Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 232. Guangdong OPT Machine Vision Tech Co., Ltd. Smart Vision Sensor Product Portfolios and Specifications

Table 233. Guangdong OPT Machine Vision Tech Co., Ltd. Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 234. Guangdong OPT Machine Vision Tech Co., Ltd. Main Business

Table 235. Guangdong OPT Machine Vision Tech Co., Ltd. Latest Developments

Table 236. Zhejiang HuaRay Technology Co., Ltd. Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 237. Zhejiang HuaRay Technology Co., Ltd. Smart Vision Sensor Product Portfolios and Specifications

Table 238. Zhejiang HuaRay Technology Co., Ltd. Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 239. Zhejiang HuaRay Technology Co., Ltd. Main Business

Table 240. Zhejiang HuaRay Technology Co., Ltd. Latest Developments

Table 241. Mech-Mind Robotics Technologies Ltd. Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 242. Mech-Mind Robotics Technologies Ltd. Smart Vision Sensor Product Portfolios and Specifications

Table 243. Mech-Mind Robotics Technologies Ltd. Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 244. Mech-Mind Robotics Technologies Ltd. Main Business

Table 245. Mech-Mind Robotics Technologies Ltd. Latest Developments

Table 246. Orbbec Inc. Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors

Table 247. Orbbec Inc. Smart Vision Sensor Product Portfolios and Specifications

Table 248. Orbbec Inc. Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 249. Orbbec Inc. Main Business

Table 250. Orbbec Inc. Latest Developments

Table 251. ADLINK Technology Inc. Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors
Table 252. ADLINK Technology Inc. Smart Vision Sensor Product Portfolios and Specifications
Table 253. ADLINK Technology Inc. Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 254. ADLINK Technology Inc. Main Business
Table 255. ADLINK Technology Inc. Latest Developments
Table 256. LUSTER LightTech Co., Ltd. Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors
Table 257. LUSTER LightTech Co., Ltd. Smart Vision Sensor Product Portfolios and Specifications
Table 258. LUSTER LightTech Co., Ltd. Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 259. LUSTER LightTech Co., Ltd. Main Business
Table 260. LUSTER LightTech Co., Ltd. Latest Developments
Table 261. di-soric GmbH & Co. KG Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors
Table 262. di-soric GmbH & Co. KG Smart Vision Sensor Product Portfolios and Specifications
Table 263. di-soric GmbH & Co. KG Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 264. di-soric GmbH & Co. KG Main Business
Table 265. di-soric GmbH & Co. KG Latest Developments
Table 266. Rockwell Automation, Inc. Basic Information, Smart Vision Sensor Manufacturing Base, Sales Area and Its Competitors
Table 267. Rockwell Automation, Inc. Smart Vision Sensor Product Portfolios and Specifications
Table 268. Rockwell Automation, Inc. Smart Vision Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 269. Rockwell Automation, Inc. Main Business
Table 270. Rockwell Automation, Inc. Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Smart Vision Sensor
- Figure 2. Smart Vision Sensor Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Smart Vision Sensor Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global Smart Vision Sensor Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Smart Vision Sensor Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Smart Vision Sensor Sales Market Share by Country/Region (2025)
- Figure 10. Smart Vision Sensor Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Rule-Based Tool Configuration
- Figure 12. Product Picture of AI Training-Based Configuration
- Figure 13. Product Picture of Template Matching Configuration
- Figure 14. Product Picture of Open Programmable Configuration
- Figure 15. Global Smart Vision Sensor Sales Market Share by Algorithm Configuration Method in 2026
- Figure 16. Global Smart Vision Sensor Revenue Market Share by Algorithm Configuration Method (2021-2026)
- Figure 17. Product Picture of Compact Vision Sensor
- Figure 18. Product Picture of Smart Camera
- Figure 19. Product Picture of AI Smart Camera
- Figure 20. Product Picture of 3D Smart Vision Sensor
- Figure 21. Global Smart Vision Sensor Sales Market Share by Product Form in 2026
- Figure 22. Global Smart Vision Sensor Revenue Market Share by Product Form (2021-2026)
- Figure 23. Product Picture of 2D Vision
- Figure 24. Product Picture of 3D Vision
- Figure 25. Product Picture of Laser Profile
- Figure 26. Global Smart Vision Sensor Sales Market Share by Imaging Dimension in 2026
- Figure 27. Global Smart Vision Sensor Revenue Market Share by Imaging Dimension (2021-2026)
- Figure 28. Smart Vision Sensor Consumed in Car Body Visual Inspection System

Figure 29. Global Smart Vision Sensor Market: Car Body Visual Inspection System (2021-2026) & (K Units)

Figure 30. Smart Vision Sensor Consumed in Online Visual Measurement System For Steel Pipe Straightness And Section Size

Figure 31. Global Smart Vision Sensor Market: Online Visual Measurement System For Steel Pipe Straightness And Section Size (2021-2026) & (K Units)

Figure 32. Smart Vision Sensor Consumed in 3D Shape Visual Measurement

Figure 33. Global Smart Vision Sensor Market: 3D Shape Visual Measurement (2021-2026) & (K Units)

Figure 34. Smart Vision Sensor Consumed in Packaging Production Line

Figure 35. Global Smart Vision Sensor Market: Packaging Production Line (2021-2026) & (K Units)

Figure 36. Global Smart Vision Sensor Sale Market Share by Application (2025)

Figure 37. Global Smart Vision Sensor Revenue Market Share by Application in 2025

Figure 38. Smart Vision Sensor Sales by Company in 2025 (K Units)

Figure 39. Global Smart Vision Sensor Sales Market Share by Company in 2025

Figure 40. Smart Vision Sensor Revenue by Company in 2025 (\$ millions)

Figure 41. Global Smart Vision Sensor Revenue Market Share by Company in 2025

Figure 42. Global Smart Vision Sensor Sales Market Share by Geographic Region (2021-2026)

Figure 43. Global Smart Vision Sensor Revenue Market Share by Geographic Region in 2025

Figure 44. Americas Smart Vision Sensor Sales 2021-2026 (K Units)

Figure 45. Americas Smart Vision Sensor Revenue 2021-2026 (\$ millions)

Figure 46. APAC Smart Vision Sensor Sales 2021-2026 (K Units)

Figure 47. APAC Smart Vision Sensor Revenue 2021-2026 (\$ millions)

Figure 48. Europe Smart Vision Sensor Sales 2021-2026 (K Units)

Figure 49. Europe Smart Vision Sensor Revenue 2021-2026 (\$ millions)

Figure 50. Middle East & Africa Smart Vision Sensor Sales 2021-2026 (K Units)

Figure 51. Middle East & Africa Smart Vision Sensor Revenue 2021-2026 (\$ millions)

Figure 52. Americas Smart Vision Sensor Sales Market Share by Country in 2025

Figure 53. Americas Smart Vision Sensor Revenue Market Share by Country (2021-2026)

Figure 54. Americas Smart Vision Sensor Sales Market Share by Algorithm Configuration Method (2021-2026)

Figure 55. Americas Smart Vision Sensor Sales Market Share by Application (2021-2026)

Figure 56. United States Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)

Figure 57. Canada Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)

- Figure 58. Mexico Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 59. Brazil Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 60. APAC Smart Vision Sensor Sales Market Share by Region in 2025
- Figure 61. APAC Smart Vision Sensor Revenue Market Share by Region (2021-2026)
- Figure 62. APAC Smart Vision Sensor Sales Market Share by Algorithm Configuration Method (2021-2026)
- Figure 63. APAC Smart Vision Sensor Sales Market Share by Application (2021-2026)
- Figure 64. China Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 65. Japan Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 66. South Korea Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 67. Southeast Asia Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 68. India Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 69. Australia Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 70. China Taiwan Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 71. Europe Smart Vision Sensor Sales Market Share by Country in 2025
- Figure 72. Europe Smart Vision Sensor Revenue Market Share by Country (2021-2026)
- Figure 73. Europe Smart Vision Sensor Sales Market Share by Algorithm Configuration Method (2021-2026)
- Figure 74. Europe Smart Vision Sensor Sales Market Share by Application (2021-2026)
- Figure 75. Germany Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 76. France Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 77. UK Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 78. Italy Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 79. Russia Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 80. Middle East & Africa Smart Vision Sensor Sales Market Share by Country (2021-2026)
- Figure 81. Middle East & Africa Smart Vision Sensor Sales Market Share by Algorithm Configuration Method (2021-2026)
- Figure 82. Middle East & Africa Smart Vision Sensor Sales Market Share by Application (2021-2026)
- Figure 83. Egypt Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 84. South Africa Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 85. Israel Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 86. Turkey Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 87. GCC Countries Smart Vision Sensor Revenue Growth 2021-2026 (\$ millions)
- Figure 88. Manufacturing Cost Structure Analysis of Smart Vision Sensor in 2026
- Figure 89. Manufacturing Process Analysis of Smart Vision Sensor
- Figure 90. Industry Chain Structure of Smart Vision Sensor
- Figure 91. Channels of Distribution

Figure 92. Global Smart Vision Sensor Sales Market Forecast by Region (2027-2032)

Figure 93. Global Smart Vision Sensor Revenue Market Share Forecast by Region (2027-2032)

Figure 94. Global Smart Vision Sensor Sales Market Share Forecast by Algorithm Configuration Method (2027-2032)

Figure 95. Global Smart Vision Sensor Revenue Market Share Forecast by Algorithm Configuration Method (2027-2032)

Figure 96. Global Smart Vision Sensor Sales Market Share Forecast by Application (2027-2032)

Figure 97. Global Smart Vision Sensor Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Smart Vision Sensor Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G5008B3B58C1EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G5008B3B58C1EN.html>