

Global 4K AI Vision Processing SoC Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GCC6BD8AE737EN.html>

Date: July 2026

Pages: 181

Price: US\$ 3,480.00 (Single User License)

ID: GCC6BD8AE737EN

Abstracts

According to our (Global Info Research) latest study, the global 4K AI Vision Processing SoC market size was valued at US\$ 4301 million in 2025 and is forecast to a readjusted size of US\$ 10529 million by 2032 with a CAGR of 13.5% during review period.

In 2025, global sales of 4K AI Vision Processing SoC reached approximately 290 million units, with an average market price of about USD 14.41 unit, an annual production capacity of roughly 350 million units, and an industry-average gross margin of approximately 40%.

A 4K AI Vision Processing SoC refers to a system-on-chip designed for real-time 4K-class image or video acquisition, image signal processing, local AI inference and computer vision analytics. It typically integrates an image signal processor, video encoder and decoder, neural processing unit, computer vision accelerator, CPU/DSP subsystem, memory controller, security engine and multi-camera input interfaces. Its core role is not limited to 4K imaging, HDR/WDR processing, low-light enhancement, distortion correction, image enhancement and H.264/H.265/AV1 compression; it also enables on-device AI workloads such as human and vehicle detection, face recognition, driver monitoring, lane and object perception, industrial defect inspection, robotic perception and smart camera analytics. This study focuses on 4K AI vision processing chips used in smart security cameras, IP cameras, dashcams, ADAS front and surround-view cameras, DMS/OMS systems, robotics, drones, industrial vision, conferencing cameras and edge AI vision devices.

This report is a detailed and comprehensive analysis for global 4K AI Vision Processing SoC market. Both quantitative and qualitative analyses are presented by manufacturers,

by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global 4K AI Vision Processing SoC market size and forecasts, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global 4K AI Vision Processing SoC market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global 4K AI Vision Processing SoC market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global 4K AI Vision Processing SoC market shares of main players, shipments in revenue (\$ Million), sales quantity (Million Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for 4K AI Vision Processing SoC

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global 4K AI Vision Processing SoC market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mobileye Global Inc., Qualcomm Technologies, Ambarella, Renesas Electronics, Horizon Robotics, Texas Instruments, HiSilicon, MediaTek, Samsung Electronics, Fullhan Microelectronics, etc.

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

Market Segmentation

4K AI Vision Processing SoC market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Single 4K Stream

Multi-4K Stream

Market segment by Function

AI Camera SoC

AI ISP SoC

Market segment by Application

Security and Surveillance

Automotive Vision

Robotics and Drones

Others

Major players covered

Mobileye Global Inc.

Qualcomm Technologies

Ambarella

Renesas Electronics

Horizon Robotics

Texas Instruments

HiSilicon

MediaTek

Samsung Electronics

Fullhan Microelectronics

Rockchip Electronics

Hailo Technologies

Black Sesame Technologies

NXP Semiconductors

Axera Semiconductor

Novatek Microelectronics

SigmaStar Technology

Ingenic Semiconductor

Sony Semiconductor Solutions

iCatch Technology

Kneron

Allwinner Technology

SemiDrive Technology

VisioNext

Inuitive

Socionext

Goke Microelectronics

Intel Corporation

Canaan Inc.

SOPHGO Technologies

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe 4K AI Vision Processing SoC product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 4K AI Vision Processing SoC, with price, sales quantity, revenue, and global market share of 4K AI Vision Processing SoC from 2021 to 2026.

Chapter 3, the 4K AI Vision Processing SoC competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 4K AI Vision Processing SoC breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and 4K AI Vision Processing SoC market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of 4K AI Vision Processing SoC.

Chapter 14 and 15, to describe 4K AI Vision Processing SoC sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global 4K AI Vision Processing SoC Consumption Value by Type:
2021 Versus 2025 Versus 2032

1.3.2 Single 4K Stream

1.3.3 Multi-4K Stream

1.4 Market Analysis by Function

1.4.1 Overview: Global 4K AI Vision Processing SoC Consumption Value by Function:
2021 Versus 2025 Versus 2032

1.4.2 AI Camera SoC

1.4.3 AI ISP SoC

1.5 Market Analysis by Application

1.5.1 Overview: Global 4K AI Vision Processing SoC Consumption Value by
Application: 2021 Versus 2025 Versus 2032

1.5.2 Security and Surveillance

1.5.3 Automotive Vision

1.5.4 Robotics and Drones

1.5.5 Others

1.6 Global 4K AI Vision Processing SoC Market Size & Forecast

1.6.1 Global 4K AI Vision Processing SoC Consumption Value (2021 & 2025 & 2032)

1.6.2 Global 4K AI Vision Processing SoC Sales Quantity (2021-2032)

1.6.3 Global 4K AI Vision Processing SoC Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Mobileye Global Inc.

2.1.1 Mobileye Global Inc. Details

2.1.2 Mobileye Global Inc. Major Business

2.1.3 Mobileye Global Inc. 4K AI Vision Processing SoC Product and Services

2.1.4 Mobileye Global Inc. 4K AI Vision Processing SoC Sales Quantity, Average
Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Mobileye Global Inc. Recent Developments/Updates

2.2 Qualcomm Technologies

2.2.1 Qualcomm Technologies Details

- 2.2.2 Qualcomm Technologies Major Business
- 2.2.3 Qualcomm Technologies 4K AI Vision Processing SoC Product and Services
- 2.2.4 Qualcomm Technologies 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.2.5 Qualcomm Technologies Recent Developments/Updates
- 2.3 Ambarella
 - 2.3.1 Ambarella Details
 - 2.3.2 Ambarella Major Business
 - 2.3.3 Ambarella 4K AI Vision Processing SoC Product and Services
 - 2.3.4 Ambarella 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.3.5 Ambarella Recent Developments/Updates
- 2.4 Renesas Electronics
 - 2.4.1 Renesas Electronics Details
 - 2.4.2 Renesas Electronics Major Business
 - 2.4.3 Renesas Electronics 4K AI Vision Processing SoC Product and Services
 - 2.4.4 Renesas Electronics 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 Renesas Electronics Recent Developments/Updates
- 2.5 Horizon Robotics
 - 2.5.1 Horizon Robotics Details
 - 2.5.2 Horizon Robotics Major Business
 - 2.5.3 Horizon Robotics 4K AI Vision Processing SoC Product and Services
 - 2.5.4 Horizon Robotics 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.5.5 Horizon Robotics Recent Developments/Updates
- 2.6 Texas Instruments
 - 2.6.1 Texas Instruments Details
 - 2.6.2 Texas Instruments Major Business
 - 2.6.3 Texas Instruments 4K AI Vision Processing SoC Product and Services
 - 2.6.4 Texas Instruments 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.6.5 Texas Instruments Recent Developments/Updates
- 2.7 HiSilicon
 - 2.7.1 HiSilicon Details
 - 2.7.2 HiSilicon Major Business
 - 2.7.3 HiSilicon 4K AI Vision Processing SoC Product and Services
 - 2.7.4 HiSilicon 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 HiSilicon Recent Developments/Updates

2.8 MediaTek

2.8.1 MediaTek Details

2.8.2 MediaTek Major Business

2.8.3 MediaTek 4K AI Vision Processing SoC Product and Services

2.8.4 MediaTek 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 MediaTek Recent Developments/Updates

2.9 Samsung Electronics

2.9.1 Samsung Electronics Details

2.9.2 Samsung Electronics Major Business

2.9.3 Samsung Electronics 4K AI Vision Processing SoC Product and Services

2.9.4 Samsung Electronics 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Samsung Electronics Recent Developments/Updates

2.10 Fullhan Microelectronics

2.10.1 Fullhan Microelectronics Details

2.10.2 Fullhan Microelectronics Major Business

2.10.3 Fullhan Microelectronics 4K AI Vision Processing SoC Product and Services

2.10.4 Fullhan Microelectronics 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 Fullhan Microelectronics Recent Developments/Updates

2.11 Rockchip Electronics

2.11.1 Rockchip Electronics Details

2.11.2 Rockchip Electronics Major Business

2.11.3 Rockchip Electronics 4K AI Vision Processing SoC Product and Services

2.11.4 Rockchip Electronics 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.11.5 Rockchip Electronics Recent Developments/Updates

2.12 Hailo Technologies

2.12.1 Hailo Technologies Details

2.12.2 Hailo Technologies Major Business

2.12.3 Hailo Technologies 4K AI Vision Processing SoC Product and Services

2.12.4 Hailo Technologies 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.12.5 Hailo Technologies Recent Developments/Updates

2.13 Black Sesame Technologies

2.13.1 Black Sesame Technologies Details

2.13.2 Black Sesame Technologies Major Business

2.13.3 Black Sesame Technologies 4K AI Vision Processing SoC Product and Services

2.13.4 Black Sesame Technologies 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.13.5 Black Sesame Technologies Recent Developments/Updates

2.14 NXP Semiconductors

2.14.1 NXP Semiconductors Details

2.14.2 NXP Semiconductors Major Business

2.14.3 NXP Semiconductors 4K AI Vision Processing SoC Product and Services

2.14.4 NXP Semiconductors 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.14.5 NXP Semiconductors Recent Developments/Updates

2.15 Axera Semiconductor

2.15.1 Axera Semiconductor Details

2.15.2 Axera Semiconductor Major Business

2.15.3 Axera Semiconductor 4K AI Vision Processing SoC Product and Services

2.15.4 Axera Semiconductor 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.15.5 Axera Semiconductor Recent Developments/Updates

2.16 Novatek Microelectronics

2.16.1 Novatek Microelectronics Details

2.16.2 Novatek Microelectronics Major Business

2.16.3 Novatek Microelectronics 4K AI Vision Processing SoC Product and Services

2.16.4 Novatek Microelectronics 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.16.5 Novatek Microelectronics Recent Developments/Updates

2.17 SigmaStar Technology

2.17.1 SigmaStar Technology Details

2.17.2 SigmaStar Technology Major Business

2.17.3 SigmaStar Technology 4K AI Vision Processing SoC Product and Services

2.17.4 SigmaStar Technology 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.17.5 SigmaStar Technology Recent Developments/Updates

2.18 Ingenic Semiconductor

2.18.1 Ingenic Semiconductor Details

2.18.2 Ingenic Semiconductor Major Business

2.18.3 Ingenic Semiconductor 4K AI Vision Processing SoC Product and Services

2.18.4 Ingenic Semiconductor 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

- 2.18.5 Ingenic Semiconductor Recent Developments/Updates
- 2.19 Sony Semiconductor Solutions
 - 2.19.1 Sony Semiconductor Solutions Details
 - 2.19.2 Sony Semiconductor Solutions Major Business
 - 2.19.3 Sony Semiconductor Solutions 4K AI Vision Processing SoC Product and Services
 - 2.19.4 Sony Semiconductor Solutions 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.19.5 Sony Semiconductor Solutions Recent Developments/Updates
- 2.20 iCatch Technology
 - 2.20.1 iCatch Technology Details
 - 2.20.2 iCatch Technology Major Business
 - 2.20.3 iCatch Technology 4K AI Vision Processing SoC Product and Services
 - 2.20.4 iCatch Technology 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.20.5 iCatch Technology Recent Developments/Updates
- 2.21 Kneron
 - 2.21.1 Kneron Details
 - 2.21.2 Kneron Major Business
 - 2.21.3 Kneron 4K AI Vision Processing SoC Product and Services
 - 2.21.4 Kneron 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.21.5 Kneron Recent Developments/Updates
- 2.22 Allwinner Technology
 - 2.22.1 Allwinner Technology Details
 - 2.22.2 Allwinner Technology Major Business
 - 2.22.3 Allwinner Technology 4K AI Vision Processing SoC Product and Services
 - 2.22.4 Allwinner Technology 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.22.5 Allwinner Technology Recent Developments/Updates
- 2.23 SemiDrive Technology
 - 2.23.1 SemiDrive Technology Details
 - 2.23.2 SemiDrive Technology Major Business
 - 2.23.3 SemiDrive Technology 4K AI Vision Processing SoC Product and Services
 - 2.23.4 SemiDrive Technology 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.23.5 SemiDrive Technology Recent Developments/Updates
- 2.24 VisioNexT
 - 2.24.1 VisioNexT Details

- 2.24.2 VisioNexT Major Business
- 2.24.3 VisioNexT 4K AI Vision Processing SoC Product and Services
- 2.24.4 VisioNexT 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.24.5 VisioNexT Recent Developments/Updates
- 2.25 Inuitive
 - 2.25.1 Inuitive Details
 - 2.25.2 Inuitive Major Business
 - 2.25.3 Inuitive 4K AI Vision Processing SoC Product and Services
 - 2.25.4 Inuitive 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.25.5 Inuitive Recent Developments/Updates
- 2.26 Socionext
 - 2.26.1 Socionext Details
 - 2.26.2 Socionext Major Business
 - 2.26.3 Socionext 4K AI Vision Processing SoC Product and Services
 - 2.26.4 Socionext 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.26.5 Socionext Recent Developments/Updates
- 2.27 Goke Microelectronics
 - 2.27.1 Goke Microelectronics Details
 - 2.27.2 Goke Microelectronics Major Business
 - 2.27.3 Goke Microelectronics 4K AI Vision Processing SoC Product and Services
 - 2.27.4 Goke Microelectronics 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.27.5 Goke Microelectronics Recent Developments/Updates
- 2.28 Intel Corporation
 - 2.28.1 Intel Corporation Details
 - 2.28.2 Intel Corporation Major Business
 - 2.28.3 Intel Corporation 4K AI Vision Processing SoC Product and Services
 - 2.28.4 Intel Corporation 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.28.5 Intel Corporation Recent Developments/Updates
- 2.29 Canaan Inc.
 - 2.29.1 Canaan Inc. Details
 - 2.29.2 Canaan Inc. Major Business
 - 2.29.3 Canaan Inc. 4K AI Vision Processing SoC Product and Services
 - 2.29.4 Canaan Inc. 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

- 2.29.5 Canaan Inc. Recent Developments/Updates
- 2.30 SOPHGO Technologies
 - 2.30.1 SOPHGO Technologies Details
 - 2.30.2 SOPHGO Technologies Major Business
 - 2.30.3 SOPHGO Technologies 4K AI Vision Processing SoC Product and Services
 - 2.30.4 SOPHGO Technologies 4K AI Vision Processing SoC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.30.5 SOPHGO Technologies Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: 4K AI VISION PROCESSING SOC BY MANUFACTURER

- 3.1 Global 4K AI Vision Processing SoC Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global 4K AI Vision Processing SoC Revenue by Manufacturer (2021-2026)
- 3.3 Global 4K AI Vision Processing SoC Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
 - 3.4.1 Producer Shipments of 4K AI Vision Processing SoC by Manufacturer Revenue (\$MM) and Market Share (%): 2025
 - 3.4.2 Top 3 4K AI Vision Processing SoC Manufacturer Market Share in 2025
 - 3.4.3 Top 6 4K AI Vision Processing SoC Manufacturer Market Share in 2025
- 3.5 4K AI Vision Processing SoC Market: Overall Company Footprint Analysis
 - 3.5.1 4K AI Vision Processing SoC Market: Region Footprint
 - 3.5.2 4K AI Vision Processing SoC Market: Company Product Type Footprint
 - 3.5.3 4K AI Vision Processing SoC Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global 4K AI Vision Processing SoC Market Size by Region
 - 4.1.1 Global 4K AI Vision Processing SoC Sales Quantity by Region (2021-2032)
 - 4.1.2 Global 4K AI Vision Processing SoC Consumption Value by Region (2021-2032)
 - 4.1.3 Global 4K AI Vision Processing SoC Average Price by Region (2021-2032)
- 4.2 North America 4K AI Vision Processing SoC Consumption Value (2021-2032)
- 4.3 Europe 4K AI Vision Processing SoC Consumption Value (2021-2032)
- 4.4 Asia-Pacific 4K AI Vision Processing SoC Consumption Value (2021-2032)
- 4.5 South America 4K AI Vision Processing SoC Consumption Value (2021-2032)
- 4.6 Middle East & Africa 4K AI Vision Processing SoC Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

- 5.1 Global 4K AI Vision Processing SoC Sales Quantity by Type (2021-2032)
- 5.2 Global 4K AI Vision Processing SoC Consumption Value by Type (2021-2032)
- 5.3 Global 4K AI Vision Processing SoC Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global 4K AI Vision Processing SoC Sales Quantity by Application (2021-2032)
- 6.2 Global 4K AI Vision Processing SoC Consumption Value by Application (2021-2032)
- 6.3 Global 4K AI Vision Processing SoC Average Price by Application (2021-2032)

7 NORTH AMERICA

- 7.1 North America 4K AI Vision Processing SoC Sales Quantity by Type (2021-2032)
- 7.2 North America 4K AI Vision Processing SoC Sales Quantity by Application (2021-2032)
- 7.3 North America 4K AI Vision Processing SoC Market Size by Country
 - 7.3.1 North America 4K AI Vision Processing SoC Sales Quantity by Country (2021-2032)
 - 7.3.2 North America 4K AI Vision Processing SoC Consumption Value by Country (2021-2032)
 - 7.3.3 United States Market Size and Forecast (2021-2032)
 - 7.3.4 Canada Market Size and Forecast (2021-2032)
 - 7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

- 8.1 Europe 4K AI Vision Processing SoC Sales Quantity by Type (2021-2032)
- 8.2 Europe 4K AI Vision Processing SoC Sales Quantity by Application (2021-2032)
- 8.3 Europe 4K AI Vision Processing SoC Market Size by Country
 - 8.3.1 Europe 4K AI Vision Processing SoC Sales Quantity by Country (2021-2032)
 - 8.3.2 Europe 4K AI Vision Processing SoC Consumption Value by Country (2021-2032)
 - 8.3.3 Germany Market Size and Forecast (2021-2032)
 - 8.3.4 France Market Size and Forecast (2021-2032)
 - 8.3.5 United Kingdom Market Size and Forecast (2021-2032)
 - 8.3.6 Russia Market Size and Forecast (2021-2032)
 - 8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific 4K AI Vision Processing SoC Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific 4K AI Vision Processing SoC Sales Quantity by Application
(2021-2032)

9.3 Asia-Pacific 4K AI Vision Processing SoC Market Size by Region

9.3.1 Asia-Pacific 4K AI Vision Processing SoC Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific 4K AI Vision Processing SoC Consumption Value by Region
(2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America 4K AI Vision Processing SoC Sales Quantity by Type (2021-2032)

10.2 South America 4K AI Vision Processing SoC Sales Quantity by Application
(2021-2032)

10.3 South America 4K AI Vision Processing SoC Market Size by Country

10.3.1 South America 4K AI Vision Processing SoC Sales Quantity by Country
(2021-2032)

10.3.2 South America 4K AI Vision Processing SoC Consumption Value by Country
(2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa 4K AI Vision Processing SoC Sales Quantity by Type
(2021-2032)

11.2 Middle East & Africa 4K AI Vision Processing SoC Sales Quantity by Application
(2021-2032)

11.3 Middle East & Africa 4K AI Vision Processing SoC Market Size by Country

11.3.1 Middle East & Africa 4K AI Vision Processing SoC Sales Quantity by Country
(2021-2032)

11.3.2 Middle East & Africa 4K AI Vision Processing SoC Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 4K AI Vision Processing SoC Market Drivers

12.2 4K AI Vision Processing SoC Market Restraints

12.3 4K AI Vision Processing SoC Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of 4K AI Vision Processing SoC and Key Manufacturers

13.2 Manufacturing Costs Percentage of 4K AI Vision Processing SoC

13.3 4K AI Vision Processing SoC Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 4K AI Vision Processing SoC Typical Distributors

14.3 4K AI Vision Processing SoC Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global 4K AI Vision Processing SoC Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global 4K AI Vision Processing SoC Consumption Value by Function, (USD Million), 2021 & 2025 & 2032

Table 3. Global 4K AI Vision Processing SoC Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 4. Mobileye Global Inc. Basic Information, Manufacturing Base and Competitors

Table 5. Mobileye Global Inc. Major Business

Table 6. Mobileye Global Inc. 4K AI Vision Processing SoC Product and Services

Table 7. Mobileye Global Inc. 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 8. Mobileye Global Inc. Recent Developments/Updates

Table 9. Qualcomm Technologies Basic Information, Manufacturing Base and Competitors

Table 10. Qualcomm Technologies Major Business

Table 11. Qualcomm Technologies 4K AI Vision Processing SoC Product and Services

Table 12. Qualcomm Technologies 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 13. Qualcomm Technologies Recent Developments/Updates

Table 14. Ambarella Basic Information, Manufacturing Base and Competitors

Table 15. Ambarella Major Business

Table 16. Ambarella 4K AI Vision Processing SoC Product and Services

Table 17. Ambarella 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 18. Ambarella Recent Developments/Updates

Table 19. Renesas Electronics Basic Information, Manufacturing Base and Competitors

Table 20. Renesas Electronics Major Business

Table 21. Renesas Electronics 4K AI Vision Processing SoC Product and Services

Table 22. Renesas Electronics 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 23. Renesas Electronics Recent Developments/Updates

Table 24. Horizon Robotics Basic Information, Manufacturing Base and Competitors

Table 25. Horizon Robotics Major Business

Table 26. Horizon Robotics 4K AI Vision Processing SoC Product and Services

Table 27. Horizon Robotics 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 28. Horizon Robotics Recent Developments/Updates

Table 29. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 30. Texas Instruments Major Business

Table 31. Texas Instruments 4K AI Vision Processing SoC Product and Services

Table 32. Texas Instruments 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 33. Texas Instruments Recent Developments/Updates

Table 34. HiSilicon Basic Information, Manufacturing Base and Competitors

Table 35. HiSilicon Major Business

Table 36. HiSilicon 4K AI Vision Processing SoC Product and Services

Table 37. HiSilicon 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 38. HiSilicon Recent Developments/Updates

Table 39. MediaTek Basic Information, Manufacturing Base and Competitors

Table 40. MediaTek Major Business

Table 41. MediaTek 4K AI Vision Processing SoC Product and Services

Table 42. MediaTek 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 43. MediaTek Recent Developments/Updates

Table 44. Samsung Electronics Basic Information, Manufacturing Base and Competitors

Table 45. Samsung Electronics Major Business

Table 46. Samsung Electronics 4K AI Vision Processing SoC Product and Services

Table 47. Samsung Electronics 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 48. Samsung Electronics Recent Developments/Updates

Table 49. Fullhan Microelectronics Basic Information, Manufacturing Base and Competitors

Table 50. Fullhan Microelectronics Major Business

Table 51. Fullhan Microelectronics 4K AI Vision Processing SoC Product and Services

Table 52. Fullhan Microelectronics 4K AI Vision Processing SoC Sales Quantity (Million

Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 53. Fullhan Microelectronics Recent Developments/Updates

Table 54. Rockchip Electronics Basic Information, Manufacturing Base and Competitors

Table 55. Rockchip Electronics Major Business

Table 56. Rockchip Electronics 4K AI Vision Processing SoC Product and Services

Table 57. Rockchip Electronics 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 58. Rockchip Electronics Recent Developments/Updates

Table 59. Hailo Technologies Basic Information, Manufacturing Base and Competitors

Table 60. Hailo Technologies Major Business

Table 61. Hailo Technologies 4K AI Vision Processing SoC Product and Services

Table 62. Hailo Technologies 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 63. Hailo Technologies Recent Developments/Updates

Table 64. Black Sesame Technologies Basic Information, Manufacturing Base and Competitors

Table 65. Black Sesame Technologies Major Business

Table 66. Black Sesame Technologies 4K AI Vision Processing SoC Product and Services

Table 67. Black Sesame Technologies 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 68. Black Sesame Technologies Recent Developments/Updates

Table 69. NXP Semiconductors Basic Information, Manufacturing Base and Competitors

Table 70. NXP Semiconductors Major Business

Table 71. NXP Semiconductors 4K AI Vision Processing SoC Product and Services

Table 72. NXP Semiconductors 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 73. NXP Semiconductors Recent Developments/Updates

Table 74. Axera Semiconductor Basic Information, Manufacturing Base and Competitors

Table 75. Axera Semiconductor Major Business

Table 76. Axera Semiconductor 4K AI Vision Processing SoC Product and Services

Table 77. Axera Semiconductor 4K AI Vision Processing SoC Sales Quantity (Million

Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 78. Axera Semiconductor Recent Developments/Updates

Table 79. Novatek Microelectronics Basic Information, Manufacturing Base and Competitors

Table 80. Novatek Microelectronics Major Business

Table 81. Novatek Microelectronics 4K AI Vision Processing SoC Product and Services

Table 82. Novatek Microelectronics 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 83. Novatek Microelectronics Recent Developments/Updates

Table 84. SigmaStar Technology Basic Information, Manufacturing Base and Competitors

Table 85. SigmaStar Technology Major Business

Table 86. SigmaStar Technology 4K AI Vision Processing SoC Product and Services

Table 87. SigmaStar Technology 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 88. SigmaStar Technology Recent Developments/Updates

Table 89. Ingenic Semiconductor Basic Information, Manufacturing Base and Competitors

Table 90. Ingenic Semiconductor Major Business

Table 91. Ingenic Semiconductor 4K AI Vision Processing SoC Product and Services

Table 92. Ingenic Semiconductor 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 93. Ingenic Semiconductor Recent Developments/Updates

Table 94. Sony Semiconductor Solutions Basic Information, Manufacturing Base and Competitors

Table 95. Sony Semiconductor Solutions Major Business

Table 96. Sony Semiconductor Solutions 4K AI Vision Processing SoC Product and Services

Table 97. Sony Semiconductor Solutions 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 98. Sony Semiconductor Solutions Recent Developments/Updates

Table 99. iCatch Technology Basic Information, Manufacturing Base and Competitors

Table 100. iCatch Technology Major Business

Table 101. iCatch Technology 4K AI Vision Processing SoC Product and Services

Table 102. iCatch Technology 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. iCatch Technology Recent Developments/Updates

Table 104. Kneron Basic Information, Manufacturing Base and Competitors

Table 105. Kneron Major Business

Table 106. Kneron 4K AI Vision Processing SoC Product and Services

Table 107. Kneron 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 108. Kneron Recent Developments/Updates

Table 109. Allwinner Technology Basic Information, Manufacturing Base and Competitors

Table 110. Allwinner Technology Major Business

Table 111. Allwinner Technology 4K AI Vision Processing SoC Product and Services

Table 112. Allwinner Technology 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 113. Allwinner Technology Recent Developments/Updates

Table 114. SemiDrive Technology Basic Information, Manufacturing Base and Competitors

Table 115. SemiDrive Technology Major Business

Table 116. SemiDrive Technology 4K AI Vision Processing SoC Product and Services

Table 117. SemiDrive Technology 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 118. SemiDrive Technology Recent Developments/Updates

Table 119. VisioNexT Basic Information, Manufacturing Base and Competitors

Table 120. VisioNexT Major Business

Table 121. VisioNexT 4K AI Vision Processing SoC Product and Services

Table 122. VisioNexT 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 123. VisioNexT Recent Developments/Updates

Table 124. Inuitive Basic Information, Manufacturing Base and Competitors

Table 125. Inuitive Major Business

Table 126. Inuitive 4K AI Vision Processing SoC Product and Services

Table 127. Inuitive 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 128. Inuitive Recent Developments/Updates

Table 129. Socionext Basic Information, Manufacturing Base and Competitors

Table 130. Socionext Major Business

Table 131. Socionext 4K AI Vision Processing SoC Product and Services

Table 132. Socionext 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Socionext Recent Developments/Updates

Table 134. Goke Microelectronics Basic Information, Manufacturing Base and Competitors

Table 135. Goke Microelectronics Major Business

Table 136. Goke Microelectronics 4K AI Vision Processing SoC Product and Services

Table 137. Goke Microelectronics 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 138. Goke Microelectronics Recent Developments/Updates

Table 139. Intel Corporation Basic Information, Manufacturing Base and Competitors

Table 140. Intel Corporation Major Business

Table 141. Intel Corporation 4K AI Vision Processing SoC Product and Services

Table 142. Intel Corporation 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 143. Intel Corporation Recent Developments/Updates

Table 144. Canaan Inc. Basic Information, Manufacturing Base and Competitors

Table 145. Canaan Inc. Major Business

Table 146. Canaan Inc. 4K AI Vision Processing SoC Product and Services

Table 147. Canaan Inc. 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 148. Canaan Inc. Recent Developments/Updates

Table 149. SOPHGO Technologies Basic Information, Manufacturing Base and Competitors

Table 150. SOPHGO Technologies Major Business

Table 151. SOPHGO Technologies 4K AI Vision Processing SoC Product and Services

Table 152. SOPHGO Technologies 4K AI Vision Processing SoC Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 153. SOPHGO Technologies Recent Developments/Updates

Table 154. Global 4K AI Vision Processing SoC Sales Quantity by Manufacturer (2021-2026) & (Million Units)

Table 155. Global 4K AI Vision Processing SoC Revenue by Manufacturer (2021-2026) & (USD Million)

Table 156. Global 4K AI Vision Processing SoC Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 157. Market Position of Manufacturers in 4K AI Vision Processing SoC, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 158. Head Office and 4K AI Vision Processing SoC Production Site of Key Manufacturer

Table 159. 4K AI Vision Processing SoC Market: Company Product Type Footprint

Table 160. 4K AI Vision Processing SoC Market: Company Product Application Footprint

Table 161. 4K AI Vision Processing SoC New Market Entrants and Barriers to Market Entry

Table 162. 4K AI Vision Processing SoC Mergers, Acquisition, Agreements, and Collaborations

Table 163. Global 4K AI Vision Processing SoC Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 164. Global 4K AI Vision Processing SoC Sales Quantity by Region (2021-2026) & (Million Units)

Table 165. Global 4K AI Vision Processing SoC Sales Quantity by Region (2027-2032) & (Million Units)

Table 166. Global 4K AI Vision Processing SoC Consumption Value by Region (2021-2026) & (USD Million)

Table 167. Global 4K AI Vision Processing SoC Consumption Value by Region (2027-2032) & (USD Million)

Table 168. Global 4K AI Vision Processing SoC Average Price by Region (2021-2026) & (US\$/Unit)

Table 169. Global 4K AI Vision Processing SoC Average Price by Region (2027-2032) & (US\$/Unit)

Table 170. Global 4K AI Vision Processing SoC Sales Quantity by Type (2021-2026) & (Million Units)

Table 171. Global 4K AI Vision Processing SoC Sales Quantity by Type (2027-2032) & (Million Units)

Table 172. Global 4K AI Vision Processing SoC Consumption Value by Type (2021-2026) & (USD Million)

Table 173. Global 4K AI Vision Processing SoC Consumption Value by Type (2027-2032) & (USD Million)

Table 174. Global 4K AI Vision Processing SoC Average Price by Type (2021-2026) & (US\$/Unit)

Table 175. Global 4K AI Vision Processing SoC Average Price by Type (2027-2032) & (US\$/Unit)

Table 176. Global 4K AI Vision Processing SoC Sales Quantity by Application (2021-2026) & (Million Units)

Table 177. Global 4K AI Vision Processing SoC Sales Quantity by Application (2027-2032) & (Million Units)

Table 178. Global 4K AI Vision Processing SoC Consumption Value by Application (2021-2026) & (USD Million)

Table 179. Global 4K AI Vision Processing SoC Consumption Value by Application (2027-2032) & (USD Million)

Table 180. Global 4K AI Vision Processing SoC Average Price by Application (2021-2026) & (US\$/Unit)

Table 181. Global 4K AI Vision Processing SoC Average Price by Application (2027-2032) & (US\$/Unit)

Table 182. North America 4K AI Vision Processing SoC Sales Quantity by Type (2021-2026) & (Million Units)

Table 183. North America 4K AI Vision Processing SoC Sales Quantity by Type (2027-2032) & (Million Units)

Table 184. North America 4K AI Vision Processing SoC Sales Quantity by Application (2021-2026) & (Million Units)

Table 185. North America 4K AI Vision Processing SoC Sales Quantity by Application (2027-2032) & (Million Units)

Table 186. North America 4K AI Vision Processing SoC Sales Quantity by Country (2021-2026) & (Million Units)

Table 187. North America 4K AI Vision Processing SoC Sales Quantity by Country (2027-2032) & (Million Units)

Table 188. North America 4K AI Vision Processing SoC Consumption Value by Country (2021-2026) & (USD Million)

Table 189. North America 4K AI Vision Processing SoC Consumption Value by Country (2027-2032) & (USD Million)

Table 190. Europe 4K AI Vision Processing SoC Sales Quantity by Type (2021-2026) & (Million Units)

Table 191. Europe 4K AI Vision Processing SoC Sales Quantity by Type (2027-2032) & (Million Units)

Table 192. Europe 4K AI Vision Processing SoC Sales Quantity by Application (2021-2026) & (Million Units)

Table 193. Europe 4K AI Vision Processing SoC Sales Quantity by Application (2027-2032) & (Million Units)

Table 194. Europe 4K AI Vision Processing SoC Sales Quantity by Country

(2021-2026) & (Million Units)

Table 195. Europe 4K AI Vision Processing SoC Sales Quantity by Country

(2027-2032) & (Million Units)

Table 196. Europe 4K AI Vision Processing SoC Consumption Value by Country

(2021-2026) & (USD Million)

Table 197. Europe 4K AI Vision Processing SoC Consumption Value by Country

(2027-2032) & (USD Million)

Table 198. Asia-Pacific 4K AI Vision Processing SoC Sales Quantity by Type

(2021-2026) & (Million Units)

Table 199. Asia-Pacific 4K AI Vision Processing SoC Sales Quantity by Type

(2027-2032) & (Million Units)

Table 200. Asia-Pacific 4K AI Vision Processing SoC Sales Quantity by Application

(2021-2026) & (Million Units)

Table 201. Asia-Pacific 4K AI Vision Processing SoC Sales Quantity by Application

(2027-2032) & (Million Units)

Table 202. Asia-Pacific 4K AI Vision Processing SoC Sales Quantity by Region

(2021-2026) & (Million Units)

Table 203. Asia-Pacific 4K AI Vision Processing SoC Sales Quantity by Region

(2027-2032) & (Million Units)

Table 204. Asia-Pacific 4K AI Vision Processing SoC Consumption Value by Region

(2021-2026) & (USD Million)

Table 205. Asia-Pacific 4K AI Vision Processing SoC Consumption Value by Region

(2027-2032) & (USD Million)

Table 206. South America 4K AI Vision Processing SoC Sales Quantity by Type

(2021-2026) & (Million Units)

Table 207. South America 4K AI Vision Processing SoC Sales Quantity by Type

(2027-2032) & (Million Units)

Table 208. South America 4K AI Vision Processing SoC Sales Quantity by Application

(2021-2026) & (Million Units)

Table 209. South America 4K AI Vision Processing SoC Sales Quantity by Application

(2027-2032) & (Million Units)

Table 210. South America 4K AI Vision Processing SoC Sales Quantity by Country

(2021-2026) & (Million Units)

Table 211. South America 4K AI Vision Processing SoC Sales Quantity by Country

(2027-2032) & (Million Units)

Table 212. South America 4K AI Vision Processing SoC Consumption Value by Country

(2021-2026) & (USD Million)

Table 213. South America 4K AI Vision Processing SoC Consumption Value by Country

(2027-2032) & (USD Million)

Table 214. Middle East & Africa 4K AI Vision Processing SoC Sales Quantity by Type (2021-2026) & (Million Units)

Table 215. Middle East & Africa 4K AI Vision Processing SoC Sales Quantity by Type (2027-2032) & (Million Units)

Table 216. Middle East & Africa 4K AI Vision Processing SoC Sales Quantity by Application (2021-2026) & (Million Units)

Table 217. Middle East & Africa 4K AI Vision Processing SoC Sales Quantity by Application (2027-2032) & (Million Units)

Table 218. Middle East & Africa 4K AI Vision Processing SoC Sales Quantity by Country (2021-2026) & (Million Units)

Table 219. Middle East & Africa 4K AI Vision Processing SoC Sales Quantity by Country (2027-2032) & (Million Units)

Table 220. Middle East & Africa 4K AI Vision Processing SoC Consumption Value by Country (2021-2026) & (USD Million)

Table 221. Middle East & Africa 4K AI Vision Processing SoC Consumption Value by Country (2027-2032) & (USD Million)

Table 222. 4K AI Vision Processing SoC Raw Material

Table 223. Key Manufacturers of 4K AI Vision Processing SoC Raw Materials

Table 224. 4K AI Vision Processing SoC Typical Distributors

Table 225. 4K AI Vision Processing SoC Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. 4K AI Vision Processing SoC Picture

Figure 2. Global 4K AI Vision Processing SoC Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global 4K AI Vision Processing SoC Revenue Market Share by Type in 2025

Figure 4. Single 4K Stream Examples

Figure 5. Multi-4K Stream Examples

Figure 6. Global 4K AI Vision Processing SoC Revenue by Function, (USD Million), 2021 & 2025 & 2032

Figure 7. Global 4K AI Vision Processing SoC Revenue Market Share by Function in 2025

Figure 8. AI Camera SoC Examples

Figure 9. AI ISP SoC Examples

Figure 10. Global 4K AI Vision Processing SoC Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 11. Global 4K AI Vision Processing SoC Revenue Market Share by Application in 2025

Figure 12. Security and Surveillance Examples

Figure 13. Automotive Vision Examples

Figure 14. Robotics and Drones Examples

Figure 15. Others Examples

Figure 16. Global 4K AI Vision Processing SoC Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 17. Global 4K AI Vision Processing SoC Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 18. Global 4K AI Vision Processing SoC Sales Quantity (2021-2032) & (Million Units)

Figure 19. Global 4K AI Vision Processing SoC Price (2021-2032) & (US\$/Unit)

Figure 20. Global 4K AI Vision Processing SoC Sales Quantity Market Share by Manufacturer in 2025

Figure 21. Global 4K AI Vision Processing SoC Revenue Market Share by Manufacturer in 2025

Figure 22. Producer Shipments of 4K AI Vision Processing SoC by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 23. Top 3 4K AI Vision Processing SoC Manufacturer (Revenue) Market Share in 2025

Figure 24. Top 6 4K AI Vision Processing SoC Manufacturer (Revenue) Market Share in 2025

Figure 25. Global 4K AI Vision Processing SoC Sales Quantity Market Share by Region (2021-2032)

Figure 26. Global 4K AI Vision Processing SoC Consumption Value Market Share by Region (2021-2032)

Figure 27. North America 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 28. Europe 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 29. Asia-Pacific 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 30. South America 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 31. Middle East & Africa 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 32. Global 4K AI Vision Processing SoC Sales Quantity Market Share by Type (2021-2032)

Figure 33. Global 4K AI Vision Processing SoC Consumption Value Market Share by Type (2021-2032)

Figure 34. Global 4K AI Vision Processing SoC Average Price by Type (2021-2032) & (US\$/Unit)

Figure 35. Global 4K AI Vision Processing SoC Sales Quantity Market Share by Application (2021-2032)

Figure 36. Global 4K AI Vision Processing SoC Revenue Market Share by Application (2021-2032)

Figure 37. Global 4K AI Vision Processing SoC Average Price by Application (2021-2032) & (US\$/Unit)

Figure 38. North America 4K AI Vision Processing SoC Sales Quantity Market Share by Type (2021-2032)

Figure 39. North America 4K AI Vision Processing SoC Sales Quantity Market Share by Application (2021-2032)

Figure 40. North America 4K AI Vision Processing SoC Sales Quantity Market Share by Country (2021-2032)

Figure 41. North America 4K AI Vision Processing SoC Consumption Value Market Share by Country (2021-2032)

Figure 42. United States 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 43. Canada 4K AI Vision Processing SoC Consumption Value (2021-2032) &

(USD Million)

Figure 44. Mexico 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 45. Europe 4K AI Vision Processing SoC Sales Quantity Market Share by Type (2021-2032)

Figure 46. Europe 4K AI Vision Processing SoC Sales Quantity Market Share by Application (2021-2032)

Figure 47. Europe 4K AI Vision Processing SoC Sales Quantity Market Share by Country (2021-2032)

Figure 48. Europe 4K AI Vision Processing SoC Consumption Value Market Share by Country (2021-2032)

Figure 49. Germany 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 50. France 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 51. United Kingdom 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 52. Russia 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 53. Italy 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 54. Asia-Pacific 4K AI Vision Processing SoC Sales Quantity Market Share by Type (2021-2032)

Figure 55. Asia-Pacific 4K AI Vision Processing SoC Sales Quantity Market Share by Application (2021-2032)

Figure 56. Asia-Pacific 4K AI Vision Processing SoC Sales Quantity Market Share by Region (2021-2032)

Figure 57. Asia-Pacific 4K AI Vision Processing SoC Consumption Value Market Share by Region (2021-2032)

Figure 58. China 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 59. Japan 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 60. South Korea 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 61. India 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 62. Southeast Asia 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 63. Australia 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 64. South America 4K AI Vision Processing SoC Sales Quantity Market Share by Type (2021-2032)

Figure 65. South America 4K AI Vision Processing SoC Sales Quantity Market Share by Application (2021-2032)

Figure 66. South America 4K AI Vision Processing SoC Sales Quantity Market Share by Country (2021-2032)

Figure 67. South America 4K AI Vision Processing SoC Consumption Value Market Share by Country (2021-2032)

Figure 68. Brazil 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 69. Argentina 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 70. Middle East & Africa 4K AI Vision Processing SoC Sales Quantity Market Share by Type (2021-2032)

Figure 71. Middle East & Africa 4K AI Vision Processing SoC Sales Quantity Market Share by Application (2021-2032)

Figure 72. Middle East & Africa 4K AI Vision Processing SoC Sales Quantity Market Share by Country (2021-2032)

Figure 73. Middle East & Africa 4K AI Vision Processing SoC Consumption Value Market Share by Country (2021-2032)

Figure 74. Turkey 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 75. Egypt 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 76. Saudi Arabia 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 77. South Africa 4K AI Vision Processing SoC Consumption Value (2021-2032) & (USD Million)

Figure 78. 4K AI Vision Processing SoC Market Drivers

Figure 79. 4K AI Vision Processing SoC Market Restraints

Figure 80. 4K AI Vision Processing SoC Market Trends

Figure 81. Porters Five Forces Analysis

Figure 82. Manufacturing Cost Structure Analysis of 4K AI Vision Processing SoC in 2025

Figure 83. Manufacturing Process Analysis of 4K AI Vision Processing SoC

Figure 84. 4K AI Vision Processing SoC Industrial Chain

Figure 85. Sales Channel: Direct to End-User vs Distributors

Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology

Figure 89. Research Process and Data Source

I would like to order

Product name: Global 4K AI Vision Processing SoC Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GCC6BD8AE737EN.html>

Price: US\$ 3,480.00 (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/GCC6BD8AE737EN.html>