

Global AI Vision System Chips Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/G5725112CA2EEN.html>

Date: March 2026

Pages: 142

Price: US\$ 2,980.00 (Single User License)

ID: G5725112CA2EEN

Abstracts

AI vision system chips are special integrated circuits that integrate advanced image processing and artificial intelligence algorithms and are widely used in smart phones, security monitoring, self-driving cars, robots, smart home devices, etc. These chips not only have the functions of traditional image signal processors, such as automatic exposure, white balance and noise reduction, but also integrate deep learning accelerators to efficiently perform complex image recognition and intelligent analysis tasks at the hardware level.

The global AI Vision System Chips market size was estimated at USD 865.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 11.60% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global AI Vision System Chips market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global AI Vision System Chips market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables

stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the AI Vision System Chips market.

Global AI Vision System Chips Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

Sony
Ambarella
Huawei HiSilicon
Nextchip
Goke Microelectronics
Rockchip Electronics
Axera Semiconductor
Shanghai TaskOrientedAI
Vimicro Technology Corporation
Shanghai Visinex Technology
Shanghai Timesintelli
Shanghai NextVPU

Market Segmentation (by Type)

Below 5TOPs

5TOPs-10TOPs
Above 10TOPs

Market Segmentation (by Application)

Smart Network Camera
Smart Doorbell
Smart Screen Camera
In-vehicle Vision Products
Others

Geographic Segmentation

North America (USA, Canada, Mexico)
Europe (Germany, UK, France, Russia, Italy, Rest of Europe)
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)
South America (Brazil, Argentina, Columbia, Rest of South America)
The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study
Neutral perspective on the market performance
Recent industry trends and developments
Competitive landscape & strategies of key players
Potential & niche segments and regions exhibiting promising growth covered
Historical, current, and projected market size, in terms of value
In-depth analysis of the AI Vision System Chips Market
Overview of the regional outlook of the AI Vision System Chips Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division

standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the AI Vision System Chips Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of AI Vision System Chips, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development

potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales

team, who will ensure that your requirements are met.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of AI Vision System Chips
- 1.2 Key Market Segments
 - 1.2.1 AI Vision System Chips Segment by Type
 - 1.2.2 AI Vision System Chips Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 AI VISION SYSTEM CHIPS MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global AI Vision System Chips Market Size (M USD) Estimates and Forecasts (2020-2035)
 - 2.1.2 Global AI Vision System Chips Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 AI VISION SYSTEM CHIPS MARKET COMPETITIVE LANDSCAPE

- 3.1 Company Assessment Quadrant
- 3.2 Global AI Vision System Chips Product Life Cycle
- 3.3 Global AI Vision System Chips Sales by Manufacturers (2020-2025)
- 3.4 Global AI Vision System Chips Revenue Market Share by Manufacturers (2020-2025)
- 3.5 AI Vision System Chips Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global AI Vision System Chips Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 AI Vision System Chips Market Competitive Situation and Trends
 - 3.8.1 AI Vision System Chips Market Concentration Rate
 - 3.8.2 Global 5 and 10 Largest AI Vision System Chips Players Market Share by Revenue
 - 3.8.3 Mergers & Acquisitions, Expansion

4 AI VISION SYSTEM CHIPS INDUSTRY CHAIN ANALYSIS

- 4.1 AI Vision System Chips Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF AI VISION SYSTEM CHIPS MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
 - 5.4.1 New Product Developments
 - 5.4.2 Mergers & Acquisitions
 - 5.4.3 Expansions
 - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
 - 5.5.1 Industry Policies Analysis
 - 5.5.2 Economic Environment Analysis
 - 5.5.3 Social Environment Analysis
 - 5.5.4 Technological Environment Analysis
- 5.6 Global AI Vision System Chips Market Porter's Five Forces Analysis
 - 5.6.1 Global Trade Frictions
 - 5.6.2 U.S. Tariff Policy ? April 2025
 - 5.6.3 Global Trade Frictions and Their Impacts to AI Vision System Chips Market
- 5.7 ESG Ratings of Leading Companies

6 AI VISION SYSTEM CHIPS MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global AI Vision System Chips Sales Market Share by Type (2020-2025)
- 6.3 Global AI Vision System Chips Market Size by Type (2020-2025)
- 6.4 Global AI Vision System Chips Price by Type (2020-2025)

7 AI VISION SYSTEM CHIPS MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)

- 7.2 Global AI Vision System Chips Market Sales by Application (2020-2025)
- 7.3 Global AI Vision System Chips Market Size (M USD) by Application (2020-2025)
- 7.4 Global AI Vision System Chips Sales Growth Rate by Application (2020-2025)

8 AI VISION SYSTEM CHIPS MARKET SALES BY REGION

- 8.1 Global AI Vision System Chips Sales by Region
 - 8.1.1 Global AI Vision System Chips Sales by Region
 - 8.1.2 Global AI Vision System Chips Sales Market Share by Region
- 8.2 Global AI Vision System Chips Market Size by Region
 - 8.2.1 Global AI Vision System Chips Market Size by Region
 - 8.2.2 Global AI Vision System Chips Market Size by Region
- 8.3 North America
 - 8.3.1 North America AI Vision System Chips Sales by Country
 - 8.3.2 North America AI Vision System Chips Market Size by Country
 - 8.3.3 U.S. Market Overview
 - 8.3.4 Canada Market Overview
 - 8.3.5 Mexico Market Overview
- 8.4 Europe
 - 8.4.1 Europe AI Vision System Chips Sales by Country
 - 8.4.2 Europe AI Vision System Chips Market Size by Country
 - 8.4.3 Germany Market Overview
 - 8.4.4 France Market Overview
 - 8.4.5 U.K. Market Overview
 - 8.4.6 Italy Market Overview
 - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
 - 8.5.1 Asia Pacific AI Vision System Chips Sales by Region
 - 8.5.2 Asia Pacific AI Vision System Chips Market Size by Region
 - 8.5.3 China Market Overview
 - 8.5.4 Japan Market Overview
 - 8.5.5 South Korea Market Overview
 - 8.5.6 India Market Overview
 - 8.5.7 Southeast Asia Market Overview
- 8.6 South America
 - 8.6.1 South America AI Vision System Chips Sales by Country
 - 8.6.2 South America AI Vision System Chips Market Size by Country
 - 8.6.3 Brazil Market Overview
 - 8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa AI Vision System Chips Sales by Region

8.7.2 Middle East and Africa AI Vision System Chips Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

9 AI VISION SYSTEM CHIPS MARKET PRODUCTION BY REGION

9.1 Global Production of AI Vision System Chips by Region(2020-2025)

9.2 Global AI Vision System Chips Revenue Market Share by Region (2020-2025)

9.3 Global AI Vision System Chips Production, Revenue, Price and Gross Margin (2020-2025)

9.4 North America AI Vision System Chips Production

9.4.1 North America AI Vision System Chips Production Growth Rate (2020-2025)

9.4.2 North America AI Vision System Chips Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe AI Vision System Chips Production

9.5.1 Europe AI Vision System Chips Production Growth Rate (2020-2025)

9.5.2 Europe AI Vision System Chips Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan AI Vision System Chips Production (2020-2025)

9.6.1 Japan AI Vision System Chips Production Growth Rate (2020-2025)

9.6.2 Japan AI Vision System Chips Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China AI Vision System Chips Production (2020-2025)

9.7.1 China AI Vision System Chips Production Growth Rate (2020-2025)

9.7.2 China AI Vision System Chips Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Sony

10.1.1 Sony Basic Information

10.1.2 Sony AI Vision System Chips Product Overview

10.1.3 Sony AI Vision System Chips Product Market Performance

- 10.1.4 Sony Business Overview
- 10.1.5 Sony SWOT Analysis
- 10.1.6 Sony Recent Developments
- 10.2 Ambarella
 - 10.2.1 Ambarella Basic Information
 - 10.2.2 Ambarella AI Vision System Chips Product Overview
 - 10.2.3 Ambarella AI Vision System Chips Product Market Performance
 - 10.2.4 Ambarella Business Overview
 - 10.2.5 Ambarella SWOT Analysis
 - 10.2.6 Ambarella Recent Developments
- 10.3 Huawei HiSilicon
 - 10.3.1 Huawei HiSilicon Basic Information
 - 10.3.2 Huawei HiSilicon AI Vision System Chips Product Overview
 - 10.3.3 Huawei HiSilicon AI Vision System Chips Product Market Performance
 - 10.3.4 Huawei HiSilicon Business Overview
 - 10.3.5 Huawei HiSilicon SWOT Analysis
 - 10.3.6 Huawei HiSilicon Recent Developments
- 10.4 Nextchip
 - 10.4.1 Nextchip Basic Information
 - 10.4.2 Nextchip AI Vision System Chips Product Overview
 - 10.4.3 Nextchip AI Vision System Chips Product Market Performance
 - 10.4.4 Nextchip Business Overview
 - 10.4.5 Nextchip Recent Developments
- 10.5 Goke Microelectronics
 - 10.5.1 Goke Microelectronics Basic Information
 - 10.5.2 Goke Microelectronics AI Vision System Chips Product Overview
 - 10.5.3 Goke Microelectronics AI Vision System Chips Product Market Performance
 - 10.5.4 Goke Microelectronics Business Overview
 - 10.5.5 Goke Microelectronics Recent Developments
- 10.6 Rockchip Electronics
 - 10.6.1 Rockchip Electronics Basic Information
 - 10.6.2 Rockchip Electronics AI Vision System Chips Product Overview
 - 10.6.3 Rockchip Electronics AI Vision System Chips Product Market Performance
 - 10.6.4 Rockchip Electronics Business Overview
 - 10.6.5 Rockchip Electronics Recent Developments
- 10.7 Axera Semiconductor
 - 10.7.1 Axera Semiconductor Basic Information
 - 10.7.2 Axera Semiconductor AI Vision System Chips Product Overview
 - 10.7.3 Axera Semiconductor AI Vision System Chips Product Market Performance

- 10.7.4 Axera Semiconductor Business Overview
- 10.7.5 Axera Semiconductor Recent Developments
- 10.8 Shanghai TaskOrientedAI
 - 10.8.1 Shanghai TaskOrientedAI Basic Information
 - 10.8.2 Shanghai TaskOrientedAI AI Vision System Chips Product Overview
 - 10.8.3 Shanghai TaskOrientedAI AI Vision System Chips Product Market Performance
 - 10.8.4 Shanghai TaskOrientedAI Business Overview
 - 10.8.5 Shanghai TaskOrientedAI Recent Developments
- 10.9 Vimicro Technology Corporation
 - 10.9.1 Vimicro Technology Corporation Basic Information
 - 10.9.2 Vimicro Technology Corporation AI Vision System Chips Product Overview
 - 10.9.3 Vimicro Technology Corporation AI Vision System Chips Product Market Performance
 - 10.9.4 Vimicro Technology Corporation Business Overview
 - 10.9.5 Vimicro Technology Corporation Recent Developments
- 10.10 Shanghai Visinex Technology
 - 10.10.1 Shanghai Visinex Technology Basic Information
 - 10.10.2 Shanghai Visinex Technology AI Vision System Chips Product Overview
 - 10.10.3 Shanghai Visinex Technology AI Vision System Chips Product Market Performance
 - 10.10.4 Shanghai Visinex Technology Business Overview
 - 10.10.5 Shanghai Visinex Technology Recent Developments
- 10.11 Shanghai Timesintelli
 - 10.11.1 Shanghai Timesintelli Basic Information
 - 10.11.2 Shanghai Timesintelli AI Vision System Chips Product Overview
 - 10.11.3 Shanghai Timesintelli AI Vision System Chips Product Market Performance
 - 10.11.4 Shanghai Timesintelli Business Overview
 - 10.11.5 Shanghai Timesintelli Recent Developments
- 10.12 Shanghai NextVPU
 - 10.12.1 Shanghai NextVPU Basic Information
 - 10.12.2 Shanghai NextVPU AI Vision System Chips Product Overview
 - 10.12.3 Shanghai NextVPU AI Vision System Chips Product Market Performance
 - 10.12.4 Shanghai NextVPU Business Overview
 - 10.12.5 Shanghai NextVPU Recent Developments

11 AI VISION SYSTEM CHIPS MARKET FORECAST BY REGION

- 11.1 Global AI Vision System Chips Market Size Forecast
- 11.2 Global AI Vision System Chips Market Forecast by Region

- 11.2.1 North America Market Size Forecast by Country
- 11.2.2 Europe AI Vision System Chips Market Size Forecast by Country
- 11.2.3 Asia Pacific AI Vision System Chips Market Size Forecast by Region
- 11.2.4 South America AI Vision System Chips Market Size Forecast by Country
- 11.2.5 Middle East and Africa Forecasted Sales of AI Vision System Chips by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)

- 12.1 Global AI Vision System Chips Market Forecast by Type (2026-2035)
 - 12.1.1 Global Forecasted Sales of AI Vision System Chips by Type (2026-2035)
 - 12.1.2 Global AI Vision System Chips Market Size Forecast by Type (2026-2035)
 - 12.1.3 Global Forecasted Price of AI Vision System Chips by Type (2026-2035)
- 12.2 Global AI Vision System Chips Market Forecast by Application (2026-2035)
 - 12.2.1 Global AI Vision System Chips Sales (K Units) Forecast by Application
 - 12.2.2 Global AI Vision System Chips Market Size (M USD) Forecast by Application (2026-2035)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Global AI Vision System Chips Market Size by Type (M USD)

Table 4. Global AI Vision System Chips Market Size by Application

Table 5. AI Vision System Chips Market Size Comparison by Region (M USD)

Table 6. Global AI Vision System Chips Sales (K Units) by Manufacturers (2020-2025)

Table 7. Global AI Vision System Chips Sales Market Share by Manufacturers (2020-2025)

Table 8. Global AI Vision System Chips Revenue (M USD) by Manufacturers (2020-2025)

Table 9. Global AI Vision System Chips Revenue Share by Manufacturers (2020-2025)

Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in AI Vision System Chips as of 2025)

Table 11. Global Market AI Vision System Chips Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 12. Manufacturers? Manufacturing Sites, Areas Served

Table 13. Manufacturers? Product Type

Table 14. Global AI Vision System Chips Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 15. Mergers & Acquisitions, Expansion Plans

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. AI Vision System Chips Market Challenges

Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026

Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027

Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026

Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 26. Global AI Vision System Chips Sales by Type (K Units)

Table 27. Global AI Vision System Chips Market Size by Type (M USD)

Table 28. Global AI Vision System Chips Sales (K Units) by Type (2020-2025)

Table 29. Global AI Vision System Chips Sales Market Share by Type (2020-2025)

- Table 30. Global AI Vision System Chips Market Size (M USD) by Type (2020-2025)
- Table 31. Global AI Vision System Chips Market Share by Type (2020-2025)
- Table 32. Global AI Vision System Chips Price (USD/Unit) by Type (2020-2025)
- Table 33. Global AI Vision System Chips Sales (K Units) by Application
- Table 34. Global AI Vision System Chips Market Size by Application
- Table 35. Global AI Vision System Chips Sales by Application (2020-2025) & (K Units)
- Table 36. Global AI Vision System Chips Sales Market Share by Application (2020-2025)
- Table 37. Global AI Vision System Chips Market Size by Application (2020-2025) & (M USD)
- Table 38. Global AI Vision System Chips Market Share by Application (2020-2025)
- Table 39. Global AI Vision System Chips Sales Growth Rate by Application (2020-2025)
- Table 40. Global AI Vision System Chips Sales by Region (2020-2025) & (K Units)
- Table 41. Global AI Vision System Chips Sales Market Share by Region (2020-2025)
- Table 42. Global AI Vision System Chips Market Size by Region (2020-2025) & (M USD)
- Table 43. Global AI Vision System Chips Market Size by Region (2020-2025)
- Table 44. North America AI Vision System Chips Sales by Country (2020-2025) & (K Units)
- Table 45. North America AI Vision System Chips Market Size by Country (2020-2025) & (M USD)
- Table 46. Europe AI Vision System Chips Sales by Country (2020-2025) & (K Units)
- Table 47. Europe AI Vision System Chips Market Size by Country (2020-2025) & (M USD)
- Table 48. Asia Pacific AI Vision System Chips Sales by Region (2020-2025) & (K Units)
- Table 49. Asia Pacific AI Vision System Chips Market Size by Region (2020-2025) & (M USD)
- Table 50. South America AI Vision System Chips Sales by Country (2020-2025) & (K Units)
- Table 51. South America AI Vision System Chips Market Size by Country (2020-2025) & (M USD)
- Table 52. Middle East and Africa AI Vision System Chips Sales by Region (2020-2025) & (K Units)
- Table 53. Middle East and Africa AI Vision System Chips Market Size by Region (2020-2025) & (M USD)
- Table 54. Global AI Vision System Chips Production (K Units) by Region(2020-2025)
- Table 55. Global AI Vision System Chips Revenue (US\$ Million) by Region (2020-2025)
- Table 56. Global AI Vision System Chips Revenue Market Share by Region (2020-2025)

Table 57. Global AI Vision System Chips Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. North America AI Vision System Chips Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Europe AI Vision System Chips Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. Japan AI Vision System Chips Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. China AI Vision System Chips Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 62. Sony Basic Information

Table 63. Sony AI Vision System Chips Product Overview

Table 64. Sony AI Vision System Chips Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. Sony Business Overview

Table 66. Sony SWOT Analysis

Table 67. Sony Recent Developments

Table 68. Ambarella Basic Information

Table 69. Ambarella AI Vision System Chips Product Overview

Table 70. Ambarella AI Vision System Chips Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 71. Ambarella Business Overview

Table 72. Ambarella SWOT Analysis

Table 73. Ambarella Recent Developments

Table 74. Huawei HiSilicon Basic Information

Table 75. Huawei HiSilicon AI Vision System Chips Product Overview

Table 76. Huawei HiSilicon AI Vision System Chips Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 77. Huawei HiSilicon Business Overview

Table 78. Huawei HiSilicon SWOT Analysis

Table 79. Huawei HiSilicon Recent Developments

Table 80. Nextchip Basic Information

Table 81. Nextchip AI Vision System Chips Product Overview

Table 82. Nextchip AI Vision System Chips Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 83. Nextchip Business Overview

Table 84. Nextchip Recent Developments

Table 85. Goke Microelectronics Basic Information

Table 86. Goke Microelectronics AI Vision System Chips Product Overview

- Table 87. Goke Microelectronics AI Vision System Chips Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 88. Goke Microelectronics Business Overview
- Table 89. Goke Microelectronics Recent Developments
- Table 90. Rockchip Electronics Basic Information
- Table 91. Rockchip Electronics AI Vision System Chips Product Overview
- Table 92. Rockchip Electronics AI Vision System Chips Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 93. Rockchip Electronics Business Overview
- Table 94. Rockchip Electronics Recent Developments
- Table 95. Axera Semiconductor Basic Information
- Table 96. Axera Semiconductor AI Vision System Chips Product Overview
- Table 97. Axera Semiconductor AI Vision System Chips Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 98. Axera Semiconductor Business Overview
- Table 99. Axera Semiconductor Recent Developments
- Table 100. Shanghai TaskOrientedAI Basic Information
- Table 101. Shanghai TaskOrientedAI AI Vision System Chips Product Overview
- Table 102. Shanghai TaskOrientedAI AI Vision System Chips Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 103. Shanghai TaskOrientedAI Business Overview
- Table 104. Shanghai TaskOrientedAI Recent Developments
- Table 105. Vimicro Technology Corporation Basic Information
- Table 106. Vimicro Technology Corporation AI Vision System Chips Product Overview
- Table 107. Vimicro Technology Corporation AI Vision System Chips Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 108. Vimicro Technology Corporation Business Overview
- Table 109. Vimicro Technology Corporation Recent Developments
- Table 110. Shanghai Visinex Technology Basic Information
- Table 111. Shanghai Visinex Technology AI Vision System Chips Product Overview
- Table 112. Shanghai Visinex Technology AI Vision System Chips Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 113. Shanghai Visinex Technology Business Overview
- Table 114. Shanghai Visinex Technology Recent Developments
- Table 115. Shanghai Timesintelli Basic Information
- Table 116. Shanghai Timesintelli AI Vision System Chips Product Overview
- Table 117. Shanghai Timesintelli AI Vision System Chips Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 118. Shanghai Timesintelli Business Overview

- Table 119. Shanghai Timesintelli Recent Developments
- Table 120. Shanghai NextVPU Basic Information
- Table 121. Shanghai NextVPU AI Vision System Chips Product Overview
- Table 122. Shanghai NextVPU AI Vision System Chips Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 123. Shanghai NextVPU Business Overview
- Table 124. Shanghai NextVPU Recent Developments
- Table 125. Global AI Vision System Chips Sales Forecast by Region (2026-2035) & (K Units)
- Table 126. Global AI Vision System Chips Market Size Forecast by Region (2026-2035) & (M USD)
- Table 127. North America AI Vision System Chips Sales Forecast by Country (2026-2035) & (K Units)
- Table 128. North America AI Vision System Chips Market Size Forecast by Country (2026-2035) & (M USD)
- Table 129. Europe AI Vision System Chips Sales Forecast by Country (2026-2035) & (K Units)
- Table 130. Europe AI Vision System Chips Market Size Forecast by Country (2026-2035) & (M USD)
- Table 131. Asia Pacific AI Vision System Chips Sales Forecast by Region (2026-2035) & (K Units)
- Table 132. Asia Pacific AI Vision System Chips Market Size Forecast by Region (2026-2035) & (M USD)
- Table 133. South America AI Vision System Chips Sales Forecast by Country (2026-2035) & (K Units)
- Table 134. South America AI Vision System Chips Market Size Forecast by Country (2026-2035) & (M USD)
- Table 135. Middle East and Africa AI Vision System Chips Sales Forecast by Country (2026-2035) & (Units)
- Table 136. Middle East and Africa AI Vision System Chips Market Size Forecast by Country (2026-2035) & (M USD)
- Table 137. Global AI Vision System Chips Sales Forecast by Type (2026-2035) & (K Units)
- Table 138. Global AI Vision System Chips Market Size Forecast by Type (2026-2035) & (M USD)
- Table 139. Global AI Vision System Chips Price Forecast by Type (2026-2035) & (USD/Unit)
- Table 140. Global AI Vision System Chips Sales (K Units) Forecast by Application (2026-2035)

Table 141. Global AI Vision System Chips Market Size Forecast by Application
(2026-2035) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of AI Vision System Chips
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global AI Vision System Chips Market Size (M USD), 2025-2035
- Figure 5. Global AI Vision System Chips Market Size (M USD) (2020-2035)
- Figure 6. Global AI Vision System Chips Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. AI Vision System Chips Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global AI Vision System Chips Product Life Cycle
- Figure 13. AI Vision System Chips Sales Share by Manufacturers in 2025
- Figure 14. Global AI Vision System Chips Revenue Share by Manufacturers in 2025
- Figure 15. AI Vision System Chips Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market AI Vision System Chips Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by AI Vision System Chips Revenue in 2025
- Figure 18. Industry Chain Map of AI Vision System Chips
- Figure 19. Global AI Vision System Chips Market PEST Analysis
- Figure 20. Global AI Vision System Chips Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global AI Vision System Chips Market Share by Type
- Figure 27. Sales Market Share of AI Vision System Chips by Type (2020-2025)
- Figure 28. Sales Market Share of AI Vision System Chips by Type in 2025
- Figure 29. Market Share of AI Vision System Chips by Type (2020-2025)
- Figure 30. Market Share of AI Vision System Chips by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global AI Vision System Chips Market Share by Application

Figure 33. Global AI Vision System Chips Sales Market Share by Application (2020-2025)

Figure 34. Global AI Vision System Chips Sales Market Share by Application in 2025

Figure 35. Global AI Vision System Chips Market Share by Application (2020-2025)

Figure 36. Global AI Vision System Chips Market Share by Application in 2025

Figure 37. Global AI Vision System Chips Sales Growth Rate by Application (2020-2025)

Figure 38. Global AI Vision System Chips Sales Market Share by Region (2020-2025)

Figure 39. Global AI Vision System Chips Market Size by Region (2020-2025)

Figure 40. North America AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America AI Vision System Chips Sales Market Share by Country in 2024

Figure 43. North America AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America AI Vision System Chips Market Size by Country in 2024

Figure 45. U.S. AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada AI Vision System Chips Sales (K Units) and Growth Rate (2020-2025)

Figure 48. Canada AI Vision System Chips Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico AI Vision System Chips Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico AI Vision System Chips Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe AI Vision System Chips Sales Market Share by Country in 2024

Figure 53. Europe AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe AI Vision System Chips Market Size by Country in 2024

Figure 55. Germany AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France AI Vision System Chips Sales and Growth Rate (2020-2025) & (K

Units)

Figure 58. France AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific AI Vision System Chips Sales and Growth Rate (K Units)

Figure 66. Asia Pacific AI Vision System Chips Sales Market Share by Region in 2024

Figure 67. Asia Pacific AI Vision System Chips Market Size by Region in 2024

Figure 68. China AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America AI Vision System Chips Sales and Growth Rate (K Units)

Figure 79. South America AI Vision System Chips Sales Market Share by Country in 2024

Figure 80. South America AI Vision System Chips Market Size and Growth Rate (M USD)

Figure 81. South America AI Vision System Chips Market Size by Country in 2024

Figure 82. Brazil AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa AI Vision System Chips Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa AI Vision System Chips Sales Market Share by Region in 2024

Figure 90. Middle East and Africa AI Vision System Chips Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa AI Vision System Chips Market Size by Region in 2024

Figure 92. Saudi Arabia AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria AI Vision System Chips Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa AI Vision System Chips Sales and Growth Rate (2020-2025) &

(K Units)

Figure 101. South Africa AI Vision System Chips Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global AI Vision System Chips Production Market Share by Region (2020-2025)

Figure 103. North America AI Vision System Chips Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe AI Vision System Chips Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan AI Vision System Chips Production (K Units) Growth Rate (2020-2025)

Figure 106. China AI Vision System Chips Production (K Units) Growth Rate (2020-2025)

Figure 107. Global AI Vision System Chips Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global AI Vision System Chips Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global AI Vision System Chips Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global AI Vision System Chips Market Share Forecast by Type (2026-2035)

Figure 111. Global AI Vision System Chips Sales Forecast by Application (2026-2035)

Figure 112. Global AI Vision System Chips Market Share Forecast by Application (2026-2035)

I would like to order

Product name: Global AI Vision System Chips Market Research Report 2026(Status and Outlook)

Product link: <https://marketpublishers.com/r/G5725112CA2EEN.html>

Price: US\$ 2,980.00 (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/G5725112CA2EEN.html>