

# Global AI-Based AOI System Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/GDDD3FF0DAC7EN.html>

Date: February 2026

Pages: 144

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

ID: GDDD3FF0DAC7EN

## Abstracts

The 2025 U.S. tariff policies introduce profound uncertainty into the global economic landscape. This report critically examines the implications of recent tariff adjustments and international strategic countermeasures on AI-Based AOI System competitive dynamics, regional economic interdependencies, and supply chain reconfigurations. The AI-Based AOI System (Automated Optical Inspection) is a product of the deep integration of traditional AOI technology and artificial intelligence (AI). It takes machine vision as its core, collects product images through high-resolution cameras or optical sensors, and uses AI algorithms such as deep learning and computer vision to analyze images in real time, automatically identifying product appearance defects, dimensional deviations, assembly errors and other quality issues. Compared with traditional AOI systems that rely on preset rules and thresholds for detection, the AI-AOI system can train autonomous learning detection models through massive data, adapt to complex and changing defect types, and significantly improve detection accuracy, efficiency and intelligence.

The global AI-Based AOI System market size was estimated at USD 1263.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 11.40% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global AI-Based AOI System 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-Based AOI System 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-Based AOI System market.

### **Global AI-Based AOI System 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**

ADLINK Technology

Advantech

Averroes

DaoAI

Delvitech

Hailo

Intelgic

KLA

Lasertec

Onto Innovation  
Portwell  
Saki Corporation

### **Market Segmentation (by Type)**

Deep Learning-driven AOI System  
Machine Learning-enhanced AOI System

### **Market Segmentation (by Application)**

Electronics Manufacturing  
Automobile Manufacturing  
Consumer Electronics  
Medical Equipment  
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-Based AOI System Market  
Overview of the regional outlook of the AI-Based AOI System 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-Based AOI System 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-Based AOI System, 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-Based AOI System
- 1.2 Key Market Segments
  - 1.2.1 AI-Based AOI System Segment by Type
  - 1.2.2 AI-Based AOI System 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-BASED AOI SYSTEM MARKET OVERVIEW**

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

### **3 AI-BASED AOI SYSTEM MARKET COMPETITIVE LANDSCAPE**

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

## **4 AI-BASED AOI SYSTEM INDUSTRY CHAIN ANALYSIS**

- 4.1 AI-Based AOI System 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-BASED AOI SYSTEM 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-Based AOI System 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-Based AOI System Market
- 5.7 ESG Ratings of Leading Companies

## **6 AI-BASED AOI SYSTEM MARKET SEGMENTATION BY TYPE**

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

## **7 AI-BASED AOI SYSTEM MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global AI-Based AOI System Market Sales by Application (2020-2025)

7.3 Global AI-Based AOI System Market Size (M USD) by Application (2020-2025)

7.4 Global AI-Based AOI System Sales Growth Rate by Application (2020-2025)

## **8 AI-BASED AOI SYSTEM MARKET SALES BY REGION**

8.1 Global AI-Based AOI System Sales by Region

8.1.1 Global AI-Based AOI System Sales by Region

8.1.2 Global AI-Based AOI System Sales Market Share by Region

8.2 Global AI-Based AOI System Market Size by Region

8.2.1 Global AI-Based AOI System Market Size by Region

8.2.2 Global AI-Based AOI System Market Size by Region

8.3 North America

8.3.1 North America AI-Based AOI System Sales by Country

8.3.2 North America AI-Based AOI System 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-Based AOI System Sales by Country

8.4.2 Europe AI-Based AOI System 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-Based AOI System Sales by Region

8.5.2 Asia Pacific AI-Based AOI System 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-Based AOI System Sales by Country

8.6.2 South America AI-Based AOI System 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-Based AOI System Sales by Region
- 8.7.2 Middle East and Africa AI-Based AOI System 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-BASED AOI SYSTEM MARKET PRODUCTION BY REGION

- 9.1 Global Production of AI-Based AOI System by Region(2020-2025)
- 9.2 Global AI-Based AOI System Revenue Market Share by Region (2020-2025)
- 9.3 Global AI-Based AOI System Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America AI-Based AOI System Production
  - 9.4.1 North America AI-Based AOI System Production Growth Rate (2020-2025)
  - 9.4.2 North America AI-Based AOI System Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe AI-Based AOI System Production
  - 9.5.1 Europe AI-Based AOI System Production Growth Rate (2020-2025)
  - 9.5.2 Europe AI-Based AOI System Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan AI-Based AOI System Production (2020-2025)
  - 9.6.1 Japan AI-Based AOI System Production Growth Rate (2020-2025)
  - 9.6.2 Japan AI-Based AOI System Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China AI-Based AOI System Production (2020-2025)
  - 9.7.1 China AI-Based AOI System Production Growth Rate (2020-2025)
  - 9.7.2 China AI-Based AOI System Production, Revenue, Price and Gross Margin (2020-2025)

## 10 KEY COMPANIES PROFILE

- 10.1 ADLINK Technology
  - 10.1.1 ADLINK Technology Basic Information
  - 10.1.2 ADLINK Technology AI-Based AOI System Product Overview
  - 10.1.3 ADLINK Technology AI-Based AOI System Product Market Performance
  - 10.1.4 ADLINK Technology Business Overview

- 10.1.5 ADLINK Technology SWOT Analysis
- 10.1.6 ADLINK Technology Recent Developments
- 10.2 Advantech
  - 10.2.1 Advantech Basic Information
  - 10.2.2 Advantech AI-Based AOI System Product Overview
  - 10.2.3 Advantech AI-Based AOI System Product Market Performance
  - 10.2.4 Advantech Business Overview
  - 10.2.5 Advantech SWOT Analysis
  - 10.2.6 Advantech Recent Developments
- 10.3 Averroes
  - 10.3.1 Averroes Basic Information
  - 10.3.2 Averroes AI-Based AOI System Product Overview
  - 10.3.3 Averroes AI-Based AOI System Product Market Performance
  - 10.3.4 Averroes Business Overview
  - 10.3.5 Averroes SWOT Analysis
  - 10.3.6 Averroes Recent Developments
- 10.4 DaoAI
  - 10.4.1 DaoAI Basic Information
  - 10.4.2 DaoAI AI-Based AOI System Product Overview
  - 10.4.3 DaoAI AI-Based AOI System Product Market Performance
  - 10.4.4 DaoAI Business Overview
  - 10.4.5 DaoAI Recent Developments
- 10.5 Delvitech
  - 10.5.1 Delvitech Basic Information
  - 10.5.2 Delvitech AI-Based AOI System Product Overview
  - 10.5.3 Delvitech AI-Based AOI System Product Market Performance
  - 10.5.4 Delvitech Business Overview
  - 10.5.5 Delvitech Recent Developments
- 10.6 Hailo
  - 10.6.1 Hailo Basic Information
  - 10.6.2 Hailo AI-Based AOI System Product Overview
  - 10.6.3 Hailo AI-Based AOI System Product Market Performance
  - 10.6.4 Hailo Business Overview
  - 10.6.5 Hailo Recent Developments
- 10.7 Intelgic
  - 10.7.1 Intelgic Basic Information
  - 10.7.2 Intelgic AI-Based AOI System Product Overview
  - 10.7.3 Intelgic AI-Based AOI System Product Market Performance
  - 10.7.4 Intelgic Business Overview

10.7.5 Intelgic Recent Developments

## 10.8 KLA

10.8.1 KLA Basic Information

10.8.2 KLA AI-Based AOI System Product Overview

10.8.3 KLA AI-Based AOI System Product Market Performance

10.8.4 KLA Business Overview

10.8.5 KLA Recent Developments

## 10.9 Lasertec

10.9.1 Lasertec Basic Information

10.9.2 Lasertec AI-Based AOI System Product Overview

10.9.3 Lasertec AI-Based AOI System Product Market Performance

10.9.4 Lasertec Business Overview

10.9.5 Lasertec Recent Developments

## 10.10 Onto Innovation

10.10.1 Onto Innovation Basic Information

10.10.2 Onto Innovation AI-Based AOI System Product Overview

10.10.3 Onto Innovation AI-Based AOI System Product Market Performance

10.10.4 Onto Innovation Business Overview

10.10.5 Onto Innovation Recent Developments

## 10.11 Portwell

10.11.1 Portwell Basic Information

10.11.2 Portwell AI-Based AOI System Product Overview

10.11.3 Portwell AI-Based AOI System Product Market Performance

10.11.4 Portwell Business Overview

10.11.5 Portwell Recent Developments

## 10.12 Saki Corporation

10.12.1 Saki Corporation Basic Information

10.12.2 Saki Corporation AI-Based AOI System Product Overview

10.12.3 Saki Corporation AI-Based AOI System Product Market Performance

10.12.4 Saki Corporation Business Overview

10.12.5 Saki Corporation Recent Developments

## **11 AI-BASED AOI SYSTEM MARKET FORECAST BY REGION**

11.1 Global AI-Based AOI System Market Size Forecast

11.2 Global AI-Based AOI System Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe AI-Based AOI System Market Size Forecast by Country

11.2.3 Asia Pacific AI-Based AOI System Market Size Forecast by Region

11.2.4 South America AI-Based AOI System Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of AI-Based AOI System by Country

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

12.1 Global AI-Based AOI System Market Forecast by Type (2026-2035)

12.1.1 Global Forecasted Sales of AI-Based AOI System by Type (2026-2035)

12.1.2 Global AI-Based AOI System Market Size Forecast by Type (2026-2035)

12.1.3 Global Forecasted Price of AI-Based AOI System by Type (2026-2035)

12.2 Global AI-Based AOI System Market Forecast by Application (2026-2035)

12.2.1 Global AI-Based AOI System Sales (K Units) Forecast by Application

12.2.2 Global AI-Based AOI System 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-Based AOI System Market Size by Type (M USD)

Table 4. Global AI-Based AOI System Market Size by Application

Table 5. AI-Based AOI System Market Size Comparison by Region (M USD)

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

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

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

Table 9. Global AI-Based AOI System Revenue Share by Manufacturers (2020-2025)

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

Table 11. Global Market AI-Based AOI System 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-Based AOI System 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-Based AOI System 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-Based AOI System Sales by Type (K Units)

Table 27. Global AI-Based AOI System Market Size by Type (M USD)

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

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

Table 30. Global AI-Based AOI System Market Size (M USD) by Type (2020-2025)

- Table 31. Global AI-Based AOI System Market Share by Type (2020-2025)
- Table 32. Global AI-Based AOI System Price (USD/Unit) by Type (2020-2025)
- Table 33. Global AI-Based AOI System Sales (K Units) by Application
- Table 34. Global AI-Based AOI System Market Size by Application
- Table 35. Global AI-Based AOI System Sales by Application (2020-2025) & (K Units)
- Table 36. Global AI-Based AOI System Sales Market Share by Application (2020-2025)
- Table 37. Global AI-Based AOI System Market Size by Application (2020-2025) & (M USD)
- Table 38. Global AI-Based AOI System Market Share by Application (2020-2025)
- Table 39. Global AI-Based AOI System Sales Growth Rate by Application (2020-2025)
- Table 40. Global AI-Based AOI System Sales by Region (2020-2025) & (K Units)
- Table 41. Global AI-Based AOI System Sales Market Share by Region (2020-2025)
- Table 42. Global AI-Based AOI System Market Size by Region (2020-2025) & (M USD)
- Table 43. Global AI-Based AOI System Market Size by Region (2020-2025)
- Table 44. North America AI-Based AOI System Sales by Country (2020-2025) & (K Units)
- Table 45. North America AI-Based AOI System Market Size by Country (2020-2025) & (M USD)
- Table 46. Europe AI-Based AOI System Sales by Country (2020-2025) & (K Units)
- Table 47. Europe AI-Based AOI System Market Size by Country (2020-2025) & (M USD)
- Table 48. Asia Pacific AI-Based AOI System Sales by Region (2020-2025) & (K Units)
- Table 49. Asia Pacific AI-Based AOI System Market Size by Region (2020-2025) & (M USD)
- Table 50. South America AI-Based AOI System Sales by Country (2020-2025) & (K Units)
- Table 51. South America AI-Based AOI System Market Size by Country (2020-2025) & (M USD)
- Table 52. Middle East and Africa AI-Based AOI System Sales by Region (2020-2025) & (K Units)
- Table 53. Middle East and Africa AI-Based AOI System Market Size by Region (2020-2025) & (M USD)
- Table 54. Global AI-Based AOI System Production (K Units) by Region(2020-2025)
- Table 55. Global AI-Based AOI System Revenue (US\$ Million) by Region (2020-2025)
- Table 56. Global AI-Based AOI System Revenue Market Share by Region (2020-2025)
- Table 57. Global AI-Based AOI System Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 58. North America AI-Based AOI System Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

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

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

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

Table 62. ADLINK Technology Basic Information

Table 63. ADLINK Technology AI-Based AOI System Product Overview

Table 64. ADLINK Technology AI-Based AOI System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. ADLINK Technology Business Overview

Table 66. ADLINK Technology SWOT Analysis

Table 67. ADLINK Technology Recent Developments

Table 68. Advantech Basic Information

Table 69. Advantech AI-Based AOI System Product Overview

Table 70. Advantech AI-Based AOI System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 71. Advantech Business Overview

Table 72. Advantech SWOT Analysis

Table 73. Advantech Recent Developments

Table 74. Averroes Basic Information

Table 75. Averroes AI-Based AOI System Product Overview

Table 76. Averroes AI-Based AOI System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 77. Averroes Business Overview

Table 78. Averroes SWOT Analysis

Table 79. Averroes Recent Developments

Table 80. DaoAI Basic Information

Table 81. DaoAI AI-Based AOI System Product Overview

Table 82. DaoAI AI-Based AOI System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 83. DaoAI Business Overview

Table 84. DaoAI Recent Developments

Table 85. Delvitech Basic Information

Table 86. Delvitech AI-Based AOI System Product Overview

Table 87. Delvitech AI-Based AOI System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 88. Delvitech Business Overview

Table 89. Delvitech Recent Developments

Table 90. Hailo Basic Information

Table 91. Hailo AI-Based AOI System Product Overview

Table 92. Hailo AI-Based AOI System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 93. Hailo Business Overview

Table 94. Hailo Recent Developments

Table 95. Intelgic Basic Information

Table 96. Intelgic AI-Based AOI System Product Overview

Table 97. Intelgic AI-Based AOI System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 98. Intelgic Business Overview

Table 99. Intelgic Recent Developments

Table 100. KLA Basic Information

Table 101. KLA AI-Based AOI System Product Overview

Table 102. KLA AI-Based AOI System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 103. KLA Business Overview

Table 104. KLA Recent Developments

Table 105. Lasertec Basic Information

Table 106. Lasertec AI-Based AOI System Product Overview

Table 107. Lasertec AI-Based AOI System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 108. Lasertec Business Overview

Table 109. Lasertec Recent Developments

Table 110. Onto Innovation Basic Information

Table 111. Onto Innovation AI-Based AOI System Product Overview

Table 112. Onto Innovation AI-Based AOI System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 113. Onto Innovation Business Overview

Table 114. Onto Innovation Recent Developments

Table 115. Portwell Basic Information

Table 116. Portwell AI-Based AOI System Product Overview

Table 117. Portwell AI-Based AOI System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 118. Portwell Business Overview

Table 119. Portwell Recent Developments

Table 120. Saki Corporation Basic Information

Table 121. Saki Corporation AI-Based AOI System Product Overview

Table 122. Saki Corporation AI-Based AOI System Sales (K Units), Revenue (M USD),

Price (USD/Unit) and Gross Margin (2020-2025)

Table 123. Saki Corporation Business Overview

Table 124. Saki Corporation Recent Developments

Table 125. Global AI-Based AOI System Sales Forecast by Region (2026-2035) & (K Units)

Table 126. Global AI-Based AOI System Market Size Forecast by Region (2026-2035) & (M USD)

Table 127. North America AI-Based AOI System Sales Forecast by Country (2026-2035) & (K Units)

Table 128. North America AI-Based AOI System Market Size Forecast by Country (2026-2035) & (M USD)

Table 129. Europe AI-Based AOI System Sales Forecast by Country (2026-2035) & (K Units)

Table 130. Europe AI-Based AOI System Market Size Forecast by Country (2026-2035) & (M USD)

Table 131. Asia Pacific AI-Based AOI System Sales Forecast by Region (2026-2035) & (K Units)

Table 132. Asia Pacific AI-Based AOI System Market Size Forecast by Region (2026-2035) & (M USD)

Table 133. South America AI-Based AOI System Sales Forecast by Country (2026-2035) & (K Units)

Table 134. South America AI-Based AOI System Market Size Forecast by Country (2026-2035) & (M USD)

Table 135. Middle East and Africa AI-Based AOI System Sales Forecast by Country (2026-2035) & (Units)

Table 136. Middle East and Africa AI-Based AOI System Market Size Forecast by Country (2026-2035) & (M USD)

Table 137. Global AI-Based AOI System Sales Forecast by Type (2026-2035) & (K Units)

Table 138. Global AI-Based AOI System Market Size Forecast by Type (2026-2035) & (M USD)

Table 139. Global AI-Based AOI System Price Forecast by Type (2026-2035) & (USD/Unit)

Table 140. Global AI-Based AOI System Sales (K Units) Forecast by Application (2026-2035)

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

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of AI-Based AOI System
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global AI-Based AOI System Market Size (M USD), 2025-2035
- Figure 5. Global AI-Based AOI System Market Size (M USD) (2020-2035)
- Figure 6. Global AI-Based AOI System 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-Based AOI System Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global AI-Based AOI System Product Life Cycle
- Figure 13. AI-Based AOI System Sales Share by Manufacturers in 2025
- Figure 14. Global AI-Based AOI System Revenue Share by Manufacturers in 2025
- Figure 15. AI-Based AOI System Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market AI-Based AOI System Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by AI-Based AOI System Revenue in 2025
- Figure 18. Industry Chain Map of AI-Based AOI System
- Figure 19. Global AI-Based AOI System Market PEST Analysis
- Figure 20. Global AI-Based AOI System 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-Based AOI System Market Share by Type
- Figure 27. Sales Market Share of AI-Based AOI System by Type (2020-2025)
- Figure 28. Sales Market Share of AI-Based AOI System by Type in 2025
- Figure 29. Market Share of AI-Based AOI System by Type (2020-2025)
- Figure 30. Market Share of AI-Based AOI System by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global AI-Based AOI System Market Share by Application

- Figure 33. Global AI-Based AOI System Sales Market Share by Application (2020-2025)
- Figure 34. Global AI-Based AOI System Sales Market Share by Application in 2025
- Figure 35. Global AI-Based AOI System Market Share by Application (2020-2025)
- Figure 36. Global AI-Based AOI System Market Share by Application in 2025
- Figure 37. Global AI-Based AOI System Sales Growth Rate by Application (2020-2025)
- Figure 38. Global AI-Based AOI System Sales Market Share by Region (2020-2025)
- Figure 39. Global AI-Based AOI System Market Size by Region (2020-2025)
- Figure 40. North America AI-Based AOI System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 41. North America AI-Based AOI System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 42. North America AI-Based AOI System Sales Market Share by Country in 2024
- Figure 43. North America AI-Based AOI System Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 44. North America AI-Based AOI System Market Size by Country in 2024
- Figure 45. U.S. AI-Based AOI System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 46. U.S. AI-Based AOI System Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 47. Canada AI-Based AOI System Sales (K Units) and Growth Rate (2020-2025)
- Figure 48. Canada AI-Based AOI System Market Size (M USD) and Growth Rate (2020-2025)
- Figure 49. Mexico AI-Based AOI System Sales (Units) and Growth Rate (2020-2025)
- Figure 50. Mexico AI-Based AOI System Market Size (Units) and Growth Rate (2020-2025)
- Figure 51. Europe AI-Based AOI System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 52. Europe AI-Based AOI System Sales Market Share by Country in 2024
- Figure 53. Europe AI-Based AOI System Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 54. Europe AI-Based AOI System Market Size by Country in 2024
- Figure 55. Germany AI-Based AOI System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 56. Germany AI-Based AOI System Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 57. France AI-Based AOI System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 58. France AI-Based AOI System Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 59. U.K. AI-Based AOI System Sales and Growth Rate (2020-2025) & (K Units)

- Figure 60. U.K. AI-Based AOI System Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 61. Italy AI-Based AOI System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 62. Italy AI-Based AOI System Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 63. Spain AI-Based AOI System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 64. Spain AI-Based AOI System Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 65. Asia Pacific AI-Based AOI System Sales and Growth Rate (K Units)
- Figure 66. Asia Pacific AI-Based AOI System Sales Market Share by Region in 2024
- Figure 67. Asia Pacific AI-Based AOI System Market Size by Region in 2024
- Figure 68. China AI-Based AOI System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 69. China AI-Based AOI System Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 70. Japan AI-Based AOI System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 71. Japan AI-Based AOI System Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 72. South Korea AI-Based AOI System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 73. South Korea AI-Based AOI System Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 74. India AI-Based AOI System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 75. India AI-Based AOI System Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 76. Southeast Asia AI-Based AOI System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 77. Southeast Asia AI-Based AOI System Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 78. South America AI-Based AOI System Sales and Growth Rate (K Units)
- Figure 79. South America AI-Based AOI System Sales Market Share by Country in 2024
- Figure 80. South America AI-Based AOI System Market Size and Growth Rate (M USD)
- Figure 81. South America AI-Based AOI System Market Size by Country in 2024
- Figure 82. Brazil AI-Based AOI System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 83. Brazil AI-Based AOI System Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 84. Argentina AI-Based AOI System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 85. Argentina AI-Based AOI System Market Size and Growth Rate (2020-2025)

& (M USD)

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

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

Figure 88. Middle East and Africa AI-Based AOI System Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa AI-Based AOI System Sales Market Share by Region in 2024

Figure 90. Middle East and Africa AI-Based AOI System Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa AI-Based AOI System Market Size by Region in 2024

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

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

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

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

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

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

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

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

Figure 100. South Africa AI-Based AOI System Sales and Growth Rate (2020-2025) & (K Units)

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

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

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

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

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

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

Figure 107. Global AI-Based AOI System Sales Forecast by Volume (2020-2035) & (K

Units)

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

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

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

Figure 111. Global AI-Based AOI System Sales Forecast by Application (2026-2035)

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

## I would like to order

Product name: Global AI-Based AOI System Market Research Report 2026(Status and Outlook)

Product link: <https://marketpublishers.com/r/GDDD3FF0DAC7EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GDDD3FF0DAC7EN.html>