



# Global AI-Based Vision Analytics Software Market by Size, by Type, by Application, by Region, History and Forecast 2021-2032

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| USD 3,950   | USD 5,925  | USD 7,900  |

## Description

The global AI-Based Vision Analytics Software market was valued at US\$ million in 2026 and is projected to reach US\$ million by 2032, implying a CAGR of xx% over 2026-2032.

The US & Canada market for AI-Based Vision Analytics Software is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

The Europe market for AI-Based Vision Analytics Software is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

The Asia Pacific market for AI-Based Vision Analytics Software is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

The China market for AI-Based Vision Analytics Software is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

Leading global manufacturers of AI-Based Vision Analytics Software include Cognex, Keyence, SICK AG, Omron Corporation, Basler AG, Teledyne Technologies, National Instruments, MVTec Software GmbH and ABB, among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

**Report Includes**

This report provides an overview of the global AI-Based Vision Analytics Software market and its size, analyzing global market trends based on historical revenue data for 2021-2025, estimates for 2026, and projected CAGRs through 2032.

The study covers key producers of AI-Based Vision Analytics Software and revenue in major regions and countries, assesses future market potential, and highlights priority regions and countries for segmenting the market into sub-sectors, with country-specific market value data for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, the Middle East, Africa, and other countries.

The report also presents AI-Based Vision Analytics Software revenue, market share, and industry ranking for the main manufacturers for 2021-2026, identifies the major stakeholders in the global market, and analyzes their competitive landscape and market positioning based on recent developments and segmental revenues.

In addition, the report analyzes segment data by Type and Application—covering revenue and growth rates—for 2021-2032, and evaluates and forecasts the AI-Based Vision Analytics Software market size, projected growth trends, production technologies, key applications, and end-use industries.

## AI-Based Vision Analytics Software Segment by Company

Cognex

Keyence  
SICK AG  
Omron Corporation  
Basler AG  
Teledyne Technologies  
National Instruments  
MVTec Software GmbH  
ABB  
Siemens  
Rockwell Automation  
Schneider Electric  
Zebra Technologies  
Hexagon AB  
Hikvision  
Dahua Technology  
Daheng Image

**AI-Based Vision Analytics Software Segment by Type**

Vision Analytics Software Platforms  
AI Inspection & Detection Software  
Edge AI Vision Software  
Cloud Vision Analytics Platforms  
Vision SDKs & Development Tools

**AI-Based Vision Analytics Software Segment by Application**

Automotive Manufacturing  
Electronics & Semiconductor  
Industrial Manufacturing  
Logistics & Warehousing  
Healthcare & Medical Imaging  
Security & Surveillance

**AI-Based Vision Analytics Software Segment by Region**

North America  
United States  
Canada  
Mexico  
Europe  
Germany  
France  
U.K.  
Italy  
Russia  
Spain  
Netherlands  
Switzerland  
Sweden  
Poland  
Asia-Pacific

China  
Japan  
South Korea  
India  
Australia  
Taiwan  
Southeast Asia  
South America  
Brazil  
Argentina  
Chile  
Colombia  
Middle East & Africa  
Egypt  
South Africa  
Israel  
Türkiye  
GCC Countries  
Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

**Reasons to Buy This Report**

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global AI-Based Vision Analytics Software market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of AI-Based Vision Analytics Software and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of AI-Based Vision Analytics Software.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

**Chapter Outline**

## **Chapter 1:**

Introduces the report scope of the report, executive summary of different market segments (product type, application, etc), including the market size of each market segment, future development potential, and so on. Revenue of AI-Based Vision Analytics Software in global and regional level. It 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. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

## **Chapter 2:**

Analysis key trends, drivers, challenges, and opportunities within the global AI-Based Vision Analytics Software industry.

## **Chapter 3:**

Detailed analysis of AI-Based Vision Analytics Software companies' competitive landscape, revenue, market share and industry ranking, latest development plan, merger, and acquisition information, etc.

## **Chapter 4:**

Provides the analysis of various market segments by type, covering the revenue, and development potential of each market segment, to help readers find the blue ocean market in different market segments.

## **Chapter 5:**

Provides the analysis of various market segments by application, covering the revenue, and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

## **Chapter 6:**

Provides profiles of key companies, introducing the basic situation of the main companies in the market in detail, including product descriptions and specifications, AI-Based Vision Analytics Software revenue, gross margin, and recent development, etc.

## **Chapter 7:**

North America (US & Canada) by type, by application and by country, revenue for each segment.

## **Chapter 8:**

Europe by type, by application and by country, revenue for each segment.

## **Chapter 9:**

China by type, and by application, revenue for each segment.

## **Chapter 10:**

Asia (excluding China) by type, by application and by region, revenue for each segment.

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South America, Middle East & Africa by type, by application and by country, revenue for each segment.

## **Chapter 12:**

Concluding Insights of the report.

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