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Global AI-Based Visual Inspection System Market 2025 by Company, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global AI-Based Visual Inspection System market size was valued at US$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

As an important force driving a new round of scientific and technological revolution, artificial intelligence has been of national strategic importance. Many governments introduces polices and increase capital investment to support AI companies. The Digital Europe plan adopted by the European Union will allocate ?9.2 billion on high-tech investments, such as supercomputing, artificial intelligence, and network security. In order to maintain its leading position, the United States will increase its investment in artificial intelligence research and development in non-defense fields, from US$1.6 billion to US$1.7 billion in 2022. According to the latest data released by IDC, global artificial intelligence revenue was US$432.8 billion in 2022, a year-on-year increase of 19.6%, including software, hardware and services.

This report is a detailed and comprehensive analysis for global AI-Based Visual Inspection System market. Both quantitative and qualitative analyses are presented by company, 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:

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Global AI-Based Visual Inspection System market size and forecasts, in consumption value ($ Million), 2020-2031

Global AI-Based Visual Inspection System market size and forecasts by region and country, in consumption value ($ Million), 2020-2031

Global AI-Based Visual Inspection System market size and forecasts, by Type and by Application, in consumption value ($ Million), 2020-2031

Global AI-Based Visual Inspection System market shares of main players, in revenue ($ Million), 2020-2025

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 AI-Based Visual Inspection System

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 AI-Based Visual Inspection System market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Intel, Kitov Systems, Mitutoyo, Landing AI, NEC Corporation, Google Cloud, Matrox Imaging, Craftworks, Folio3, GETECH Technology, etc.

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

Market segmentation

AI-Based Visual Inspection System market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

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Deep Learning Model

Pre-trained Model

Others

Market segment by Application

Automotive

Consumer Electronics

Medical

Semiconductor

Rail Transit

Others

Market segment by players, this report covers

Intel

Kitov Systems

Mitutoyo

Landing AI

NEC Corporation

Google Cloud

Matrox Imaging

Craftworks

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Folio3

GETECH Technology

Cybord

Aqrose Technology

Cognex

elunic

Deevio

WrxFlo

Pleora Technologies

Shenzhen Getech

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe AI-Based Visual Inspection System product scope, market overview, market estimation caveats and base year.

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Chapter 2, to profile the top players of AI-Based Visual Inspection System, with revenue, gross margin, and global market share of AI-Based Visual Inspection System from 2020 to 2025.

Chapter 3, the AI-Based Visual Inspection System competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2020 to 2031

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2020 to 2025.and AI-Based Visual Inspection System market forecast, by regions, by Type and by Application, with consumption value, from 2026 to 2031.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of AI-Based Visual Inspection System.

Chapter 13, to describe AI-Based Visual Inspection System research findings and conclusion.

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