

Machine Vision Market: Global Market Size, Forecast, Insights, and Competitive Landscape

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Abstracts

The global machine vision market is expected to grow at a CAGR of around 9.8% during 2023-2030. This report on global machine vision market report provides holistic understanding of the market along with market sizing, forecast, drivers, challenges, and competitive landscape. The report presents a clear picture of the global machine vision market by segmenting the market based on component, product, application and region. Also, detailed profiles of companies operating in the machine vision market are provided in this report. We believe that this report will aid the professionals and industry stakeholders in making informed decision.

Market Drivers

Growing Need for Quality Inspection and Automation

Rising Demand for Vision-Guided Robotic Systems

Market Challenges

Surging Risk of Cyber-Attacks

Historical & Forecast Period

Base Year: 2022

Historical Period: 2018-2022

Forecast Period: 2023-2030

Market by Component

Hardware

Software

Market by Product

PC-Based

Smart Camera Based

Market by Deployment

General Machine Vision System

Robotic Cell

Market by Application

Positioning

Identification

Verification

Measurement

Flaw Detection

Others

Market by End Use Industry

Electronics and Semiconductor

Automotive

Medical and Pharmaceutical

Food, Packaging and Printing

Security and Surveillance

Intelligent Traffic System

Others

Market by Region

Europe

Germany

United Kingdom

France

Italy

Spain

Russia

Netherlands

Rest of Europe

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Rest of Asia Pacific

Latin America

Mexico

Brazil

Argentina

Rest of Latin America

Middle East & Africa

Saudi Arabia

Turkey

Iran

Rest of Middle East & Africa

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