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3D Machine Vision - Global Market Outlook (2017-2026)

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Abstracts

According to Stratistics MRC, the Global 3D Machine Vision Market is accounted for $1.26 billion in 2017 and is expected to reach $3.98 billion by 2026 growing at a CAGR of 13.5% during the forecast period. Integration of 3D vision frameworks with robot controllers, increasing interest for 3D object investigations in manufacturing applications, and high prerequisite of non-industrial 3D machine vision frameworks are some of the factors fuelling the market growth. However, changing requirements of customers and lack of awareness & technical knowledge is restraining the market growth. Moreover, high demand of application-specific machine vision systems is providing ample growth opportunities.

3D Machine Vision includes the development of computerized 3D models of articles inside a machine, for example, a PC, and the ensuing control of the model for any of various purposes. The 3D model involve a lot of discrete information focuses that ordinarily find some portion of an item in space and may contain extra data about the article, for example, shading, reflectivity, and surface. The subsequent model can be controlled and altered utilizing any number of 3D drawing projects.

Based on the offering, hardware segment is expected to acquire considerable growth during the forecast period owing to technological advancements in the field of 3D cameras and image detection techniques. By Geography, Asia Pacific is going to have a lucrative growth during the forecast period owing to the rising adoption of automation across all industry verticals, especially in automotive and consumer electronics.

Some of the key players profiled in the 3D Machine Vision market include Tordivel As, Stemmer Imaging, Sick AG, Point Grey Research, Inc., Omron Corporation, National Instruments Corporation, Mvtec Software GmbH, LMI Technologies, Keyence

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Corporation, Isra Vision AG, Hermary Opto Electronics Inc., Coherent, Inc., Cognex Corporation, Canon Inc. and Basler AG.

Offerings Covered:

Software

Services

Hardware

Products Covered:

Smart Camera-Based Systems

Personal computer-Based Systems

Applications Covered:

Robotic Guidance and Automation

Quality Assurance & Inspection

Positioning & Guidance

Measurement

Mapping

Identification

End Users Covered:

Industrial

Non-Industrial

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Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany
  - UK
  - Italy
  - France
  - Spain
  - Rest of Europe
- Asia Pacific
  - Japan
  - China
  - India
  - Australia
  - New Zealand
  - South Korea

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- Rest of Asia Pacific
- South America
  - Argentina
  - Brazil
  - Chile
  - Rest of South America
- Middle East & Africa
  - Saudi Arabia
  - UAE
  - Qatar
  - South Africa
  - Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country level segments
- Strategic recommendations for the new entrants
- Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic analysis: Drivers and Constraints, Product/Technology Analysis,

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Porter’s five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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