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Global Multi Camera Vision Inspection Systems Market Size study & Forecast, by Product Type (Fully Automatic, Semi-Automatic), by End-User (Automotive, Healthcare, Manufacturing, Industrial, Others) and Regional Analysis, 2022-2029

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Abstracts

Global Multi Camera Vision Inspection Systems Market is valued at approximately USD 3.2 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 12% over the forecast period 2022-2029. Multi Camera Vision Inspection System is an imaging-based inspection technology utilized for inspection of objects across a wide range of industries such as automotive, healthcare, and manufacturing among others. Multi Camera Vision Inspection Systems comprised of a computer, and multiple sensors equipped cameras. These cameras capture relevant images and send the images and data collected to the computer system for further processing. Furthermore, based on the analysis of data sends instructions to robotic systems. Moreover, the cost of deployment of multi camera vision inspection is low as compared to the smart camera-based vision systems. The increasing investment in industrial automation and growing adoption of vision-guided robotics systems as well as rising automotive manufacturing sector are key factors accelerating the market growth.

The increasing investment in industrial automation is contributing towards the growth of the Global Multi Camera Vision Inspection Systems Market. For instance, according to Statista – in 2020, the global industrial automation market was valued at USD 175 billion, and industrial automation market is projected to grow to USD 265 billion by 2025. Moreover, as per Statista – in 2020, the global market for industrial control and automation was valued at USD 195 billion and, the market is projected to reach around USD 340 billion by 2026. Also, rising advancements in industry 4.0 and growing industrialization in developing economies would create a lucrative growth prospectus for

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the market over the forecast period. However, the high maintenance cost of Multi Camera Vision Inspection Systems and availability of alternatives stifle market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Multi Camera Vision Inspection Systems Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the presence of leading market players and rising industrial automation in the region. Whereas Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as rising industrialization across India and China & growing expansion of automotive and pharmaceuticals manufacturing industries coupled with increasing penetration of leading market players in the region.

Major market players included in this report are:

Teledyne Technologies Group of Companies
Industrial Vision Systems
Cognex Corporation
Omron Corporation
Basler AG
Nextsense GMBH
Keyence Corporation
Novasis Innovazione
OPTEX Group Co., Ltd
Estes Engineering Pte ltd.

Recent Developments in the Market:
In August 2021, Cobot Nation announced a partnership with Cognex for machine vision with collaborative robots. This new partnership between the market players is intended for the development of next-generation vision inspection solutions.

In July 2022, ISRA VISION launched the next generation of camera-based inline inspection systems for manufacturers of lithium-ion batteries. This new system would enable manufacturers to identify possible problems and defects at an early stage in the production process.

Global Multi Camera Vision Inspection Systems Market Report Scope:
Historical Data 2019-2020-2021
Base Year for Estimation 2021

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Forecast period 2022-2029
Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends
Segments Covered Product Type, End-User, Region
Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World
Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product Type
Semi-Automatic
Fully Automatic

By End-User
Automotive
Healthcare
Manufacturing
Industrial
Others

By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain

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ROE
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
RoLA
Rest of the World

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