

# Global Machine Vision Market Size, Share, Overview and Forecast by 2022

*OrbisResearch.com has published new research report on "Machine Vision-Global Market Outlook (2016-2022)" to its database.*

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-- According to Statistics MRC, the [Global Machine Vision Market](#) is estimated at \$8.81 billion in 2015 and is expected to reach \$14.72 billion by 2022 growing at a CAGR of 8.9% from 2015 to 2022. Some of the key factors influencing the market are regulatory mandates to assure quality at every stage of production, technological advancements such as integration with robotic controllers and increasing demand for application specific systems. However, educating users on rapidly changing vision technology and changing customer requirements for application specific solutions are some major factors hindering the market growth.



Amongst Products, PC-based systems segment acquired the largest market share during the forecast period. The growth is due to the growing number of regulatory mandates in manufacturing industries, increase in wages of labor in China and developing countries. Moreover, Asia Pacific commanded the largest share and is likely to provide huge growth opportunities for the market as it is considered as the manufacturing hub of the world. In addition, increasing automation in China and Japan can also be attributed for the growth of the market in this region.

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Some of the key players in the market include Texas Instruments, Inc, Omron Corporation, Teledyne Technologies, Inc., National Instruments Corporation, Sony Corporation, Keyence Corporation, Basler AG, Intel Corporation, Jai A/S, ISRA Vision AG, IDS Imaging Development Systems GMBH [DE], Cognex Corporation, Baumer Optronic GmbH, Allied Vision Technologies GmbH, Microscan Systems, INC., MVTEC Software GMBH, Adept Technology, Inc. and Perceptron,

Inc

Products Covered:

Smart Camera-Based Vision System

PC-Based Machine Vision System

Embedded Systems

Components Covered:

Software

Deep Learning Software

Application Specific

Hardware

Optics

LED Lighting

Frame Grabbers

Processor

Camera

Frame Rate

Sensor Type

Format

Interface Standards

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Verticals Covered:

Non-industrial Vertical

Security and Surveillance

Intelligent Transportation Systems

Autonomous Cars

Healthcare

Agriculture

Postal and Logistics

Consumer Electronics

Industrial Vertical

Electronics and Semiconductor

Glass

Food & Packaging

Automotive

Machinery

Consumer Electronics

Solar Panel Manufacturing

Printing

Wood and Paper

Rubber and Plastic  
Pharmaceutical  
Food and Packaging  
Life Sciences  
Metals  
Semiconductors  
Other Industrial verticals

Applications Covered:  
Positioning and Guidance  
Identification  
Measurement  
Quality Assurance & Inspection

Technologies Covered:  
Image Sensors  
Imaging Technology  
Augmented Reality  
Laser Technology

Regions Covered:  
North America  
US  
Canada  
Mexico  
Europe  
Germany  
France  
Italy  
UK  
Spain  
Rest of Europe  
Asia Pacific  
Japan  
China  
India  
Australia  
New Zealand  
Rest of Asia Pacific  
Rest of the World  
Middle East  
Brazil  
Argentina

South Africa  
Egypt

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