

3D Machine Vision Market Share, Growth, Trend Analysis and Forecast from 2017-2022

3D Machine Vision Market Information, by Components (Hardware, Software), by Application (Inspection, Gauging, Guidance), by End Users - Forecast 2016-2022

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/EINPresswire.com/ -- Market Scenario
Machine Vision is a technology where computer automatically makes a decision based on the visual inputs captured by a camera and is mostly used in manufacturing industry. These technologies are equipped with various components such as cameras, computers, sensors to detect a defect in any product and if found then eliminate it. 3D Machine Vision is a type of machine vision where the components of the machine vision analyze the product from various angles in order to find any defect. Technological advancement such as increasing demand for the embedded vision, high usage of robotics and growth of automotive industry is being driving the market of 3D Machine Vision.

Industry News

- In September 2016, Point Grey Research, Inc. will showcase their new 10 GigE high resolution camera with megapixel up to 20 in VISION 2016 exhibition.
- In July 2015, Canon announced the business expansion plan by entering in Europe [3D machine vision market](#).

Key players

- Canon (Japan)
- Omron Corporation (Japan)
- Point Grey Research, Inc. (Canada)
- Hermary Opto Electronics Inc. (Canada)
- Coherent, Inc. (U.S.)
- Cognex Corporation (U.S.)
- National Instruments (U.S.)
- Keyence (Japan)
- Robotic Vision Technology (U.S.)

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Market Segmentation

Segmentation by Components: Hardware (Camera, Lenses, Computers, Communication devices, control cabinets) & Software.

Segmentation by Application: Inspection (Quality), Gauging, Guidance among others.

Segmentation by End Users: Automotive, Electronics and Semiconductor, Healthcare, Food and Packaging among others.

Regional Analysis

Asia-Pacific is dominating the market of 3D Machine vision with market. Technological advancement such as increasing demand for the non-industrial applications like medical, security and surveillance and growing demand for automotive products and consumer electronics are supporting the market of 3D machine vision. Rich environment for manufacturing industry and technologically advanced countries are supporting the market.

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The report for Global 3D Machine Vision Market of Market Research Future comprises of extensive primary research along with the detailed analysis of qualitative as well as quantitative aspects by various industry experts, key opinion leaders to gain the deeper insight of the market and industry

performance. The report gives the clear picture of current market scenario which includes historical and projected market size in terms of value, technological advancement, macro economical and governing factors in the market. The report provides details information and strategies of the top key players in the industry. The report also gives a broad study of the different market segments and regions.

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