

3D Machine Vision Market - Forecasts from 2017 to 2022

<https://marketpublishers.com/r/3E279FBA76EEN.html>

Date: October 2017

Pages: 78

Price: US\$ 3,200.00 (Single User License)

ID: 3E279FBA76EEN

Abstracts

Global 3D machine vision market is projected to expand at a CAGR of 12.05% over the forecast period to reach US\$2.428 billion by 2022, from US\$1.374 billion in 2017. 3D Machine Vision helps to effectively detect flaws and ensures higher accuracy in the manufacturing process. Increasing application in the automotive and electronics industries are few of the major driving factors for the growth of the 3D Machine Vision Market. Another factor that is contributing to the market growth is the advancement in technology, such as smart cameras and other imaging technologies. However, major factors limiting the growth of the market are the lack of awareness of 3D machine vision solutions and limited technical knowledge of this technology. APAC is expected to grow at the highest CAGR during the forecasted period.

Research Methodology

The report provides a brief introduction of the market and deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segmentation which has been covered as part of the report.

Market Dynamics

This section provides comprehensive market dynamics through an overview section along with growth drivers, challenges, and opportunities which exist in the current market. This section of the report also provides supplier and industry outlook as a whole; key industry, global and regional regulations which are determining the market growth and a brief technological aspect of 3D Machine Vision technology. Complete industry analysis has also been covered by Porter's five forces model as a part of this

report section.

Segmentation

3D Machine Vision Market has been segmented on the basis of component, product, vertical and geography.

By Component

Optics

Camera

Lighting

Others

By Product

PC-Based System

Smart Camera-Based System

By Vertical

Manufacturing

Others

By Geography

Americas

North America

South America

Europe Middle East and Africa

Europe

Middle East and Africa

Asia Pacific

Market Players

Finally, competitive intelligence section deals with major players in the market, their market shares, growth strategies, products, financials, and recent investments among others. Key industry players profiled as part of the report are Tordivel, Canon, Stemmer Imaging, Hermary Opto Electronics and Isra Vision among others.

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