

Global Vision Guided Robots Technology Market Growth (Status and Outlook) 2024-2030

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Abstracts

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According to this study, the global Vision Guided Robots Technology market size will reach US\$ million by 2030.

A Vision Guided Robot (VGR) System is basically a robot fitted with one or more cameras used as sensors to provide a secondary feedback signal to the robot controller to more accurately move to a variable target position.

VGR is rapidly transforming production processes by enabling robots to be highly adaptable and more easily implemented, while dramatically reducing the cost and complexity of fixed tooling previously associated with the design and set up of robotic cells, whether for material handling, automated assembly, agricultural applications, life sciences, and more.

This report presents a comprehensive overview, market shares, and growth opportunities of Vision Guided Robots Technology market by product type, application, key players and key regions and countries.

Segmentation by product type:

Cameras by Colours

Area & Line Scan Cameras

CCD & CMOS Sensors

Cameras by Frame Rate

Segmentation by Application:

Glass

Automotive

Semiconductor

Paper & Wood

Electronics

Plastics & Rubber

Cosmetics & Pharmaceuticals

Food

Medical Devices

This report also splits the market by region:

United States

China

Europe

Other regions:

Japan

South Korea

Southeast Asia

Rest of world

The report also presents the market competition landscape and a corresponding detailed analysis of the major players in the market. The key players covered in this report:

Allied Vision Technologies GmbH

OMRON ADEPT TECHNOLOGIES

Edmund Optics Inc

BitFlow, Inc

Basler AG

Cognex Coporation

Matrox

Electro Scientific Industries

Microscan Systems

PPT Vision Inc

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