

TECHNOLOGY ABSTRACT

Machine Vision in Factory Automation – 2019

Alexander Bourgeois, Research Analyst

ACTUALS AND FORECAST

Frequency, Time Period

- 5-year Annual Forecast (2019 - 2023)
- Base Year (2018)

Measures

- Revenues
- Unit shipments
- Average selling price (ASP)
- Market shares
 - 2018 by world and region

INDUSTRIES COVERED

- Automotive
- Building automation
- Chemical
- Machinery
- Medical
- Metal and mining
- Packaging
- Pharmaceuticals
- Robotics
- Semiconductor and electronics
- Transport and traffic
- Utilities
- Other Industries

PRODUCTS COVERED

- Smart sensors
- Smart cameras
- Compact vision systems
- Machine vision cameras
- Frame grabbers
- MV LED lighting
- Machine vision lenses

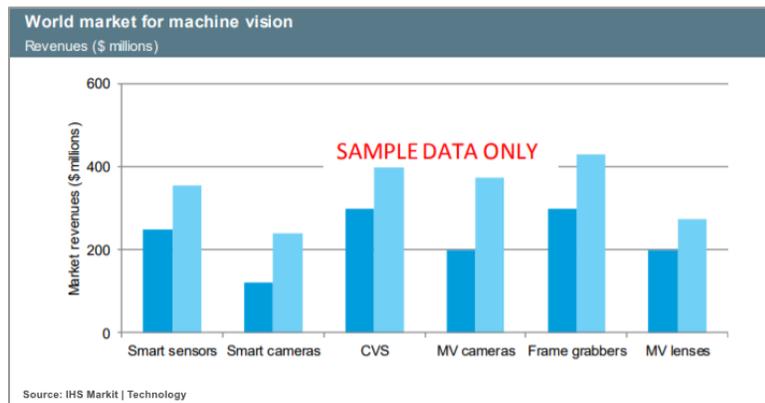
OTHER SEGMENTATION

- Communication technology

This report is a study of the worldwide machine vision in factory automation market and follows on from the report published in 2017. Although covering the same market as the previous report, the scope of this edition has been updated, as have some of the segmentations.

Its goal is to provide executives and managers with an in-depth review of the world market for machine vision hardware, software and services, designed for use in industrial manufacturing and other relevant markets. The report quantifies the market in terms of manufacturer revenues and where relevant, unit shipments and average selling prices, segmented by country, sub-region, and industrial sector. It provides estimated regional market shares of the leading manufacturers of the product groups considered in the analysis. Also included are detailed discussions on the key market drivers and forecast trends.

Data for the report has been gathered from many sources including interviews with manufacturers, distributors, third-party suppliers, industry journals and associations.



Key Question Addressed

- What was the size of the global market in 2018? What is the forecast for the next 5 years?
- What impact has the current economic climate had on the market?
- Which product markets will grow the fastest 2018 to 2023?
- What are the main market drivers and how might they affect revenue growth?
- Which companies were the leading suppliers to the market for each of the product groups? What were their estimated market shares?

Applicable To

- Existing manufacturers and suppliers of machine vision products.
- Any company considering entering this market.
- Distributors and systems houses involved with manufacturing.
- Systems designers and specifiers, particularly those involved in industrial automation.
- Of interest to senior managers, marketing managers and planners, and automation design and production managers.

LEAD ANALYST

Alexander Bourgeois – Research Analyst, Manufacturing Technology

Alexander Bourgeois is a research analyst within the Manufacturing Technology team at IHS Markit.

Mr. Bourgeois is focused on developing market studies in the medium voltage motor and machine vision segments. He joined IHS Markit in 2018 and is based in the company's Austin, Texas office. He holds a Bachelor of Science in mechanical engineering from Loyola Marymount University, United States.

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