

Global Machine Vision Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

https://marketpublishers.com/r/G0E58A66D64EN.html

Date: August 2018 Pages: 129 Price: US\$ 3,480.00 (Single User License) ID: G0E58A66D64EN

Abstracts

Machine vision is measuring and judging by replacing human eyes with machines.

SCOPE OF THE REPORT:

This report studies the Machine Vision market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Machine Vision market by product type and applications/end industries.

APAC is expected to be the fastest-growing market.APAC is expected to be the fastestgrowing market.

The global Machine Vision market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Machine Vision.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

Cognex

Basler



Omron

National Instruments

Keyence

Sony

Teledyne Technologies

Texas Instruments

Allied Vision Technologies

Intel

Baumer Optronic

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Hardware (Camera, Frame Grabber, Optics, Processor)

Software (Deep Learning and Application Specific)

Global Machine Vision Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023



Market Segment by Applications, can be divided into

Semiconductor Industry

Food Industry

Logistics

Agricultural

Other



Contents

1 MACHINE VISION MARKET OVERVIEW

- 1.1 Product Overview and Scope of Machine Vision
- 1.2 Classification of Machine Vision by Types
- 1.2.1 Global Machine Vision Revenue Comparison by Types (2017-2023)
- 1.2.2 Global Machine Vision Revenue Market Share by Types in 2017
- 1.2.3 Hardware (Camera, Frame Grabber, Optics, Processor)
- 1.2.4 Software (Deep Learning and Application Specific)
- 1.3 Global Machine Vision Market by Application
- 1.3.1 Global Machine Vision Market Size and Market Share Comparison by

Applications (2013-2023)

- 1.3.2 Semiconductor Industry
- 1.3.3 Food Industry
- 1.3.4 Logistics
- 1.3.5 Agricultural
- 1.3.6 Other
- 1.4 Global Machine Vision Market by Regions
- 1.4.1 Global Machine Vision Market Size (Million USD) Comparison by Regions (2013-2023)

1.4.1 North America (USA, Canada and Mexico) Machine Vision Status and Prospect (2013-2023)

1.4.2 Europe (Germany, France, UK, Russia and Italy) Machine Vision Status and Prospect (2013-2023)

1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia) Machine Vision Status and Prospect (2013-2023)

1.4.4 South America (Brazil, Argentina, Colombia) Machine Vision Status and Prospect (2013-2023)

1.4.5 Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa) Machine Vision Status and Prospect (2013-2023)

1.5 Global Market Size of Machine Vision (2013-2023)

2 MANUFACTURERS PROFILES

2.1 Cognex

2.1.1 Business Overview

2.1.2 Machine Vision Type and Applications

2.1.2.1 Product A



2.1.2.2 Product B

2.1.3 Cognex Machine Vision Revenue, Gross Margin and Market Share (2016-2017)

2.2 Basler

- 2.2.1 Business Overview
- 2.2.2 Machine Vision Type and Applications
- 2.2.2.1 Product A
- 2.2.2.2 Product B
- 2.2.3 Basler Machine Vision Revenue, Gross Margin and Market Share (2016-2017)

2.3 Omron

- 2.3.1 Business Overview
- 2.3.2 Machine Vision Type and Applications
- 2.3.2.1 Product A
- 2.3.2.2 Product B
- 2.3.3 Omron Machine Vision Revenue, Gross Margin and Market Share (2016-2017)
- 2.4 National Instruments
- 2.4.1 Business Overview
- 2.4.2 Machine Vision Type and Applications
- 2.4.2.1 Product A
- 2.4.2.2 Product B

2.4.3 National Instruments Machine Vision Revenue, Gross Margin and Market Share

(2016-2017)

- 2.5 Keyence
 - 2.5.1 Business Overview
- 2.5.2 Machine Vision Type and Applications
 - 2.5.2.1 Product A
 - 2.5.2.2 Product B

2.5.3 Keyence Machine Vision Revenue, Gross Margin and Market Share (2016-2017)

- 2.6 Sony
 - 2.6.1 Business Overview
 - 2.6.2 Machine Vision Type and Applications
 - 2.6.2.1 Product A
 - 2.6.2.2 Product B
 - 2.6.3 Sony Machine Vision Revenue, Gross Margin and Market Share (2016-2017)
- 2.7 Teledyne Technologies
 - 2.7.1 Business Overview
 - 2.7.2 Machine Vision Type and Applications
 - 2.7.2.1 Product A
 - 2.7.2.2 Product B
 - 2.7.3 Teledyne Technologies Machine Vision Revenue, Gross Margin and Market



Share (2016-2017)

2.8 Texas Instruments

2.8.1 Business Overview

2.8.2 Machine Vision Type and Applications

2.8.2.1 Product A

2.8.2.2 Product B

2.8.3 Texas Instruments Machine Vision Revenue, Gross Margin and Market Share (2016-2017)

2.9 Allied Vision Technologies

2.9.1 Business Overview

2.9.2 Machine Vision Type and Applications

2.9.2.1 Product A

2.9.2.2 Product B

2.9.3 Allied Vision Technologies Machine Vision Revenue, Gross Margin and Market Share (2016-2017)

2.10 Intel

- 2.10.1 Business Overview
- 2.10.2 Machine Vision Type and Applications

2.10.2.1 Product A

2.10.2.2 Product B

2.10.3 Intel Machine Vision Revenue, Gross Margin and Market Share (2016-2017)

- 2.11 Baumer Optronic
 - 2.11.1 Business Overview
 - 2.11.2 Machine Vision Type and Applications
 - 2.11.2.1 Product A
 - 2.11.2.2 Product B

2.11.3 Baumer Optronic Machine Vision Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL MACHINE VISION MARKET COMPETITION, BY PLAYERS

3.1 Global Machine Vision Revenue and Share by Players (2013-2018)

- 3.2 Market Concentration Rate
- 3.2.1 Top 5 Machine Vision Players Market Share
- 3.2.2 Top 10 Machine Vision Players Market Share
- 3.3 Market Competition Trend

4 GLOBAL MACHINE VISION MARKET SIZE BY REGIONS

Global Machine Vision Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023



- 4.1 Global Machine Vision Revenue and Market Share by Regions
- 4.2 North America Machine Vision Revenue and Growth Rate (2013-2018)
- 4.3 Europe Machine Vision Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific Machine Vision Revenue and Growth Rate (2013-2018)
- 4.5 South America Machine Vision Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa Machine Vision Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA MACHINE VISION REVENUE BY COUNTRIES

5.1 North America Machine Vision Revenue by Countries (2013-2018)

- 5.2 USA Machine Vision Revenue and Growth Rate (2013-2018)
- 5.3 Canada Machine Vision Revenue and Growth Rate (2013-2018)
- 5.4 Mexico Machine Vision Revenue and Growth Rate (2013-2018)

6 EUROPE MACHINE VISION REVENUE BY COUNTRIES

6.1 Europe Machine Vision Revenue by Countries (2013-2018)

6.2 Germany Machine Vision Revenue and Growth Rate (2013-2018)

6.3 UK Machine Vision Revenue and Growth Rate (2013-2018)

6.4 France Machine Vision Revenue and Growth Rate (2013-2018)

6.5 Russia Machine Vision Revenue and Growth Rate (2013-2018)

6.6 Italy Machine Vision Revenue and Growth Rate (2013-2018)

7 ASIA-PACIFIC MACHINE VISION REVENUE BY COUNTRIES

7.1 Asia-Pacific Machine Vision Revenue by Countries (2013-2018)

7.2 China Machine Vision Revenue and Growth Rate (2013-2018)

7.3 Japan Machine Vision Revenue and Growth Rate (2013-2018)

7.4 Korea Machine Vision Revenue and Growth Rate (2013-2018)

7.5 India Machine Vision Revenue and Growth Rate (2013-2018)

7.6 Southeast Asia Machine Vision Revenue and Growth Rate (2013-2018)

8 SOUTH AMERICA MACHINE VISION REVENUE BY COUNTRIES

8.1 South America Machine Vision Revenue by Countries (2013-2018)

- 8.2 Brazil Machine Vision Revenue and Growth Rate (2013-2018)
- 8.3 Argentina Machine Vision Revenue and Growth Rate (2013-2018)
- 8.4 Colombia Machine Vision Revenue and Growth Rate (2013-2018)



9 MIDDLE EAST AND AFRICA REVENUE MACHINE VISION BY COUNTRIES

- 9.1 Middle East and Africa Machine Vision Revenue by Countries (2013-2018)
- 9.2 Saudi Arabia Machine Vision Revenue and Growth Rate (2013-2018)
- 9.3 UAE Machine Vision Revenue and Growth Rate (2013-2018)
- 9.4 Egypt Machine Vision Revenue and Growth Rate (2013-2018)
- 9.5 Nigeria Machine Vision Revenue and Growth Rate (2013-2018)
- 9.6 South Africa Machine Vision Revenue and Growth Rate (2013-2018)

10 GLOBAL MACHINE VISION MARKET SEGMENT BY TYPE

10.1 Global Machine Vision Revenue and Market Share by Type (2013-2018)

10.2 Global Machine Vision Market Forecast by Type (2018-2023)

10.3 Hardware (Camera, Frame Grabber, Optics, Processor) Revenue Growth Rate (2013-2023)

10.4 Software (Deep Learning and Application Specific) Revenue Growth Rate (2013-2023)

11 GLOBAL MACHINE VISION MARKET SEGMENT BY APPLICATION

- 11.1 Global Machine Vision Revenue Market Share by Application (2013-2018)
- 11.2 Machine Vision Market Forecast by Application (2018-2023)
- 11.3 Semiconductor Industry Revenue Growth (2013-2018)
- 11.4 Food Industry Revenue Growth (2013-2018)
- 11.5 Logistics Revenue Growth (2013-2018)
- 11.6 Agricultural Revenue Growth (2013-2018)
- 11.7 Other Revenue Growth (2013-2018)

12 GLOBAL MACHINE VISION MARKET SIZE FORECAST (2018-2023)

- 12.1 Global Machine Vision Market Size Forecast (2018-2023)
- 12.2 Global Machine Vision Market Forecast by Regions (2018-2023)
- 12.3 North America Machine Vision Revenue Market Forecast (2018-2023)
- 12.4 Europe Machine Vision Revenue Market Forecast (2018-2023)
- 12.5 Asia-Pacific Machine Vision Revenue Market Forecast (2018-2023)
- 12.6 South America Machine Vision Revenue Market Forecast (2018-2023)
- 12.7 Middle East and Africa Machine Vision Revenue Market Forecast (2018-2023)

13 RESEARCH FINDINGS AND CONCLUSION



14 APPENDIX

14.1 Methodology

14.2 Data Source



List Of Tables

LIST OF TABLES AND FIGURES

Figure Machine Vision Picture Table Product Specifications of Machine Vision Table Global Machine Vision and Revenue (Million USD) Market Split by Product Type Figure Global Machine Vision Revenue Market Share by Types in 2017 Figure Hardware (Camera, Frame Grabber, Optics, Processor) Picture Figure Software (Deep Learning and Application Specific) Picture Table Global Machine Vision Revenue (Million USD) by Application (2013-2023) Figure Machine Vision Revenue Market Share by Applications in 2017 Figure Semiconductor Industry Picture **Figure Food Industry Picture Figure Logistics Picture Figure Agricultural Picture Figure Other Picture** Table Global Market Machine Vision Revenue (Million USD) Comparison by Regions 2013-2023 Figure North America Machine Vision Revenue (Million USD) and Growth Rate (2013 - 2023)Figure Europe Machine Vision Revenue (Million USD) and Growth Rate (2013-2023) Figure Asia-Pacific Machine Vision Revenue (Million USD) and Growth Rate (2013 - 2023)Figure South America Machine Vision Revenue (Million USD) and Growth Rate (2013 - 2023)Figure Middle East and Africa Machine Vision Revenue (Million USD) and Growth Rate (2013 - 2023)Figure Global Machine Vision Revenue (Million USD) and Growth Rate (2013-2023) Table Cognex Basic Information, Manufacturing Base and Competitors Table Cognex Machine Vision Type and Applications Table Cognex Machine Vision Revenue, Gross Margin and Market Share (2016-2017) Table Basler Basic Information, Manufacturing Base and Competitors Table Basler Machine Vision Type and Applications Table Basler Machine Vision Revenue, Gross Margin and Market Share (2016-2017) Table Omron Basic Information, Manufacturing Base and Competitors Table Omron Machine Vision Type and Applications Table Omron Machine Vision Revenue, Gross Margin and Market Share (2016-2017) Table National Instruments Basic Information, Manufacturing Base and Competitors



Table National Instruments Machine Vision Type and Applications Table National Instruments Machine Vision Revenue, Gross Margin and Market Share (2016 - 2017)Table Keyence Basic Information, Manufacturing Base and Competitors Table Keyence Machine Vision Type and Applications Table Keyence Machine Vision Revenue, Gross Margin and Market Share (2016-2017) Table Sony Basic Information, Manufacturing Base and Competitors Table Sony Machine Vision Type and Applications Table Sony Machine Vision Revenue, Gross Margin and Market Share (2016-2017) Table Teledyne Technologies Basic Information, Manufacturing Base and Competitors Table Teledyne Technologies Machine Vision Type and Applications Table Teledyne Technologies Machine Vision Revenue, Gross Margin and Market Share (2016-2017) Table Texas Instruments Basic Information, Manufacturing Base and Competitors Table Texas Instruments Machine Vision Type and Applications Table Texas Instruments Machine Vision Revenue, Gross Margin and Market Share (2016 - 2017)Table Allied Vision Technologies Basic Information, Manufacturing Base and Competitors Table Allied Vision Technologies Machine Vision Type and Applications Table Allied Vision Technologies Machine Vision Revenue, Gross Margin and Market Share (2016-2017) Table Intel Basic Information, Manufacturing Base and Competitors Table Intel Machine Vision Type and Applications Table Intel Machine Vision Revenue, Gross Margin and Market Share (2016-2017) Table Baumer Optronic Basic Information, Manufacturing Base and Competitors Table Baumer Optronic Machine Vision Type and Applications Table Baumer Optronic Machine Vision Revenue, Gross Margin and Market Share (2016 - 2017)Table Global Machine Vision Revenue (Million USD) by Players (2013-2018) Table Global Machine Vision Revenue Share by Players (2013-2018) Figure Global Machine Vision Revenue Share by Players in 2016 Figure Global Machine Vision Revenue Share by Players in 2017 Figure Global Top 5 Players Machine Vision Revenue Market Share in 2017 Figure Global Top 10 Players Machine Vision Revenue Market Share in 2017 Figure Global Machine Vision Revenue (Million USD) and Growth Rate (%) (2013-2018) Table Global Machine Vision Revenue (Million USD) by Regions (2013-2018) Table Global Machine Vision Revenue Market Share by Regions (2013-2018)

Figure Global Machine Vision Revenue Market Share by Regions (2013-2018)



Figure Global Machine Vision Revenue Market Share by Regions in 2017 Figure North America Machine Vision Revenue and Growth Rate (2013-2018) Figure Europe Machine Vision Revenue and Growth Rate (2013-2018) Figure Asia-Pacific Machine Vision Revenue and Growth Rate (2013-2018) Figure South America Machine Vision Revenue and Growth Rate (2013-2018) Figure Middle East and Africa Machine Vision Revenue and Growth Rate (2013-2018) Table North America Machine Vision Revenue by Countries (2013-2018) Table North America Machine Vision Revenue Market Share by Countries (2013-2018) Figure North America Machine Vision Revenue Market Share by Countries (2013-2018) Figure North America Machine Vision Revenue Market Share by Countries in 2017 Figure USA Machine Vision Revenue and Growth Rate (2013-2018) Figure Canada Machine Vision Revenue and Growth Rate (2013-2018) Figure Mexico Machine Vision Revenue and Growth Rate (2013-2018) Table Europe Machine Vision Revenue (Million USD) by Countries (2013-2018) Figure Europe Machine Vision Revenue Market Share by Countries (2013-2018) Figure Europe Machine Vision Revenue Market Share by Countries in 2017 Figure Germany Machine Vision Revenue and Growth Rate (2013-2018) Figure UK Machine Vision Revenue and Growth Rate (2013-2018) Figure France Machine Vision Revenue and Growth Rate (2013-2018) Figure Russia Machine Vision Revenue and Growth Rate (2013-2018) Figure Italy Machine Vision Revenue and Growth Rate (2013-2018) Table Asia-Pacific Machine Vision Revenue (Million USD) by Countries (2013-2018) Figure Asia-Pacific Machine Vision Revenue Market Share by Countries (2013-2018) Figure Asia-Pacific Machine Vision Revenue Market Share by Countries in 2017 Figure China Machine Vision Revenue and Growth Rate (2013-2018) Figure Japan Machine Vision Revenue and Growth Rate (2013-2018) Figure Korea Machine Vision Revenue and Growth Rate (2013-2018) Figure India Machine Vision Revenue and Growth Rate (2013-2018) Figure Southeast Asia Machine Vision Revenue and Growth Rate (2013-2018) Table South America Machine Vision Revenue by Countries (2013-2018) Table South America Machine Vision Revenue Market Share by Countries (2013-2018) Figure South America Machine Vision Revenue Market Share by Countries (2013-2018) Figure South America Machine Vision Revenue Market Share by Countries in 2017 Figure Brazil Machine Vision Revenue and Growth Rate (2013-2018) Figure Argentina Machine Vision Revenue and Growth Rate (2013-2018) Figure Colombia Machine Vision Revenue and Growth Rate (2013-2018) Table Middle East and Africa Machine Vision Revenue (Million USD) by Countries (2013 - 2018)

Table Middle East and Africa Machine Vision Revenue Market Share by Countries



(2013-2018)

Figure Middle East and Africa Machine Vision Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Machine Vision Revenue Market Share by Countries in 2017

Figure Saudi Arabia Machine Vision Revenue and Growth Rate (2013-2018)

Figure UAE Machine Vision Revenue and Growth Rate (2013-2018)

Figure Egypt Machine Vision Revenue and Growth Rate (2013-2018)

Figure Nigeria Machine Vision Revenue and Growth Rate (2013-2018)

Figure South Africa Machine Vision Revenue and Growth Rate (2013-2018)

Table Global Machine Vision Revenue (Million USD) by Type (2013-2018)

Table Global Machine Vision Revenue Share by Type (2013-2018)

Figure Global Machine Vision Revenue Share by Type (2013-2018)

Figure Global Machine Vision Revenue Share by Type in 2017

Table Global Machine Vision Revenue Forecast by Type (2018-2023)

Figure Global Machine Vision Market Share Forecast by Type (2018-2023)

Figure Global Hardware (Camera, Frame Grabber, Optics, Processor) Revenue Growth Rate (2013-2018)

Figure Global Software (Deep Learning and Application Specific) Revenue Growth Rate (2013-2018)

Table Global Machine Vision Revenue by Application (2013-2018)

 Table Global Machine Vision Revenue Share by Application (2013-2018)

Figure Global Machine Vision Revenue Share by Application (2013-2018)

Figure Global Machine Vision Revenue Share by Application in 2017

Table Global Machine Vision Revenue Forecast by Application (2018-2023)

Figure Global Machine Vision Market Share Forecast by Application (2018-2023)

Figure Global Semiconductor Industry Revenue Growth Rate (2013-2018)

Figure Global Food Industry Revenue Growth Rate (2013-2018)

Figure Global Logistics Revenue Growth Rate (2013-2018)

Figure Global Agricultural Revenue Growth Rate (2013-2018)

Figure Global Other Revenue Growth Rate (2013-2018)

Figure Global Machine Vision Revenue (Million USD) and Growth Rate Forecast (2018 -2023)

Table Global Machine Vision Revenue (Million USD) Forecast by Regions (2018-2023) Figure Global Machine Vision Revenue Market Share Forecast by Regions (2018-2023) Figure North America Machine Vision Revenue Market Forecast (2018-2023) Figure Europe Machine Vision Revenue Market Forecast (2018-2023)

Figure Asia-Pacific Machine Vision Revenue Market Forecast (2018-2023)

Figure South America Machine Vision Revenue Market Forecast (2018-2023)



Figure Middle East and Africa Machine Vision Revenue Market Forecast (2018-2023)



I would like to order

Product name: Global Machine Vision Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

Product link: https://marketpublishers.com/r/G0E58A66D64EN.html

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service: info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/G0E58A66D64EN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



Global Machine Vision Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023