Machine Vision Systems and Components Market valued $7882.5 million in 2017, and will grow at a CAGR of 8.64%

American region held the largest market segment for machine vision systems and components, with a share of 30% in 2017

HYDERABAD, TELANGANA, INDIA, June 7, 2018 /EINPresswire.com/ --
According to the new market research report by [IndustryARC](#) titled "Machine Vision Systems and Components Market: By Component (Hardware, Software); By Product (PC-Based, Smart Camera-Based); By Application (Measurement, Identification); By End-User Industry (Automotive, Electronics & Semiconductors) & By Region - Forecast (2018 - 2023)"

Machine Vision Systems and
Components Market

published by IndustryARC, the market is driven by industrial operations which is motivating the utilization in process control and quality control applications.

America dominates with major share in the Machine Vision Systems and Components Market

American region held the largest market segment for machine vision systems and components, with a share of 30% in 2017. The value is estimated to grow to $3728.9 million by 2023 at a CAGR of 7.98%, due to heavy increase of automation in many industries. The competitors are looking forward to reduce the manufacturing cost, which will be the vital reason behind the reduction of prices of machine vision. In turn, it will fuel the market in the Asia-Pacific region. Europe is the second largest market that held $3226.2 million in 2017.

Selected Component Analysis done in the full Report:

Hardware components is holding major share on machine vision systems and components market, with 63.6% of the overall market. The market accounting to $5.04 billion in 2017 is anticipated to grow at a CAGR of 9.20% to reach $8.54 billion by 2023. Machine vision camera segment is the leading component in the market since the past 3 years. Vision camera component by hardware is expected to grow at a faster rate with a CAGR of 11.04%, and to reach the value of $4119 million by 2023. The global machine vision system by software market is forecast to grow at a CAGR of 7.62% to reach $4412.2 million by 2023 from $2621.7 million in 2016. Deep learning system market segment is expected to become the fastest growing segment to grow at a CAGR of 8.01% to reach $1112.20 million in 2023.

To access / purchase the full report browse the link below
https://industryarc.com/Report/10628/machine-vision-systems-components-market.html

Excerpts on Market Growth Factors

_Growing demand in setting industrial application areas has a huge demand for smart cameras. In

the process of production, smart cameras are used for inspection and quality assurance purposes. Thus, increasing demand for smart cameras will lead the machine vision system and component market.

_Growing adoption rate in the automotive industry is another major reason behind the increase in machine vision system market. The machine vision system automatically communicates to other systems to control the complete production level. The production cost is higher in the automotive industry. With respect to this, adoption of machine vision system components helps the automotive industry to keep an eye and stop loss of production cost.

_Advancement in robotics, drone technology and more, are increasing focus on development and expenditures in vision associated research activities. The growing manufacturing bases are expected to outgrow the technology market growth.

Talk to one of our sales representative about the full report by providing your details in the link below:
https://industryarc.com/support.php?id=10628

Key players of the Machine Vision Systems and Components Market

Cognex Corporation (U.S.), Sony Electronics Inc. (U.S.), OMRON Corporation (Japan), Panasonic Corporation (Japan) and Microscan Systems, Inc. (U.S.) constituting a major share in the market. OMRON Corporation launched its major product such as Vision Sensors, Smart Camera, Lightining System, and Other Vision Systems. Baumer came up with the product Vision sensors VeriSens® CS100; Panasonic launched its products such as PV260, PV240, PV230, PV200, PV500V2 that contributed in fueling the growth of machine vision systems and components across the globe.

Machine Vision Systems and Components Market report is segmented as below

A.Machine Vision Market - By Component

1.Hardware

I.Camera
II.Frame Grabber
III.Optics
IV.LED Lighting
V.Processor
VI.FPGA
VII.DSP
VIII.Microcontroller
IX.Microprocessor
X.Others

B.Software

1.Application Specific
2.Deep Learning Software
3.Others

C.Machine Vision Market, By Product
1.Embedded Vision System
2.3D Machine Vision
3.PC-Based Machine Vision System
4.Smart Camera-Based Vision System

D.Machine Vision Market, By Application

1.Quality Assurance & Inspection
2.Positioning and Guidance
3.Measurement
4.Identification
5.Pattern Recognition
6.Others

E.Machine Vision Market, By End-User Industry

1.Automotive
2.Electronics and Semiconductor
3.Consumer Electronics
4.Medical & Healthcare
5.Security & surveillance
6.Logistics
7.Glass & Metals
8.Pharmaceutical
9.Food and Packaging
10.Intelligent Transportation Systems
11.Printing
12.Machinery
13.Others

F.Machine Vision Systems and Components Market by Geography (covers 10+ countries)
G.Machine Vision Systems and Components Entropy Market

Companies Citied / Interviewed

1.Datalogic SPA
2.Wenglor
3.Stemmer Imaging
4.Esmo Group
5.Teledyne Technologies
6.Keyence Corporation
7.National Instruments
8.1st Vision Inc.
9.Allied Vision Technologies GmbH
10.Balaji Microtechnologies
11.Basler AG
12.Carl Zeiss AG
13.Computar/CBC Group
14.Cosina Co.
15.Pomeas Optical Technology Company Limited
16.Moritex Corporation
17.Navitar, Inc.
18.Olympus Corporation
19.Nikon Corporation
20.Opto Engineering
21.Polytec GmbH

22. Qioptiq Ltd.
23. Uss Vision Inc.
24. Resolve Optics Ltd
25. Rodenstock GmbH
26. Schneider Optische
27. Schott Advanced Optics
28. Kenko Tokina Co., Ltd.
29. Kyocera Optec Co., Ltd.
30. Kowa Company Ltd.
31. Knight Optical Ltd.
32. Fujifilm Corporation
33. Goyo Optical Inc
34. Jiangsu Hongchen Optical Co.,Ltd.
35. Thorlabs, Inc.
36. Vision & Control GmbH

Related Report:

A. Machine Vision Camera Market
https://industryarc.com/Report/1502machine vision 8/machine-vision-camera-market.html

B. Smart Camera Market
https://industryarc.com/Report/15139/smart-camera-market.html

What can you expect from the report?
The Machine Vision Systems and Components Market Report is Prepared with the Main Agenda to Cover the following 20 points:

1. Market Size by Product Categories & Application   11. Demand Analysis (Revenue & Volume)
2. Market trends & Relevant Market Data 12. Country level Analysis
3. Manufacturer Landscape   13. Competitor Analysis
4. Distributor Landscape   14. Market Shares Analysis
5. Pricing Analysis   15. Value Chain Analysis
6. Top 10 End user Analysis   16. Supply Chain Analysis
7. Product Benchmarking   17. Strategic Analysis
8. Product Developments   18. Current & Future Market Landscape Analysis
9. Mergers & Acquisition Analysis   19. Opportunity Analysis
10. Patent Analysis   20. Revenue and Volume Analysis

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Venkat Reddy
IndustryARC
6145888538
email us here

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