

computer vision - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/C2F803F272DEN.html>

Date: August 2019

Pages: 194

Price: US\$ 4,150.00 (Single User License)

ID: C2F803F272DEN

Abstracts

According to Statistics MRC, the Global Computer Vision market is accounted for \$11.04 billion in 2017 and is expected to reach \$23.78 billion by 2026 growing at a CAGR of 8.9% during the forecast period. Increasing need for quality inspection and automation, rising demand for vision-guided robotic systems and high adoption of 3d computer vision systems are the major factors driving the market growth. However, Lack of Flexible Computer Vision Solutions is restraining market growth.

PC vision is an interdisciplinary logical field that manages how PCs can be made to increase abnormal state understanding from advanced pictures or recordings. From the point of view of building, it looks to mechanize errands that the human visual framework can do.

Based on End User, Non-Industrial Vertical segment is expected to have a considerable growth over the forecast period due to high adoption of robotics in the healthcare industry has led to the increase in demand for computer vision systems in non-industrial vertical. By geography, Asia Pacific is constantly enhancing during the forecast period due to increasing strong competition among customer Electronics Company in APAC is likely to boost the adoption of computer vision systems in the region.

Some of the key players profiled in the Computer Vision Market include Basler, Baumer, Optronic, Cadence Design Systems, Ceva, Cognex, Intel, Isra Vision, Jai A/S, Keyence, Mediatek, Mvtec Software, National Instruments, Omron, Sick, Sony, Synopsys, Teledyne Technologies, Texas Instruments and Tordivel As.

Components Covered:

Software

Hardware

Products Covered:

PC-Based Computer Vision Systems

Smart Cameras-Based Computer Vision Systems

Applications Covered:

Identification

Measurement

Positioning & Guidance

Predictive Maintenance

Quality Assurance & Inspection

End Users Covered:

Industrial Vertical

Non-Industrial Vertical

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Application Analysis
- 3.7 End User Analysis
- 3.8 Emerging Markets
- 3.9 Futuristic Market Scenario

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL COMPUTER VISION MARKET, BY COMPONENT

5.1 Introduction

5.2 Software

5.2.1 Deep Learning

5.2.2 Traditional Computer Vision

5.3 Hardware

5.3.1 Frame Grabbers

5.3.2 LED Lighting

5.3.3 Optics

5.3.4 Processors

5.3.4.1 Digital signal processing (DSPS)

5.3.4.2 Field Programmable Gate Array (FPGAS)

5.3.4.3 Microcontrollers and Microprocessors

5.3.4.4 vision processing unit (VPU)

5.3.5 Cameras

5.3.5.1 Frame Rate

5.3.5.1.1

List Of Tables

LIST OF TABLES

- 1 Global Computer Vision Market Outlook, By Region (2016-2026) (US \$MN)
- 2 Global Computer Vision Market Outlook, By Component (2016-2026) (US \$MN)
- 3 Global Computer Vision Market Outlook, By Software (2016-2026) (US \$MN)
- 4 Global Computer Vision Market Outlook, By Deep Learning (2016-2026) (US \$MN)
- 5 Global Computer Vision Market Outlook, By Traditional Computer Vision (2016-2026) (US \$MN)
- 6 Global Computer Vision Market Outlook, By Hardware (2016-2026) (US \$MN)
- 7 Global Computer Vision Market Outlook, By Frame Grabbers (2016-2026) (US \$MN)
- 8 Global Computer Vision Market Outlook, By LED Lighting (2016-2026) (US \$MN)
- 9 Global Computer Vision Market Outlook, By Optics (2016-2026) (US \$MN)
- 10 Global Computer Vision Market Outlook, By Processors (2016-2026) (US \$MN)
- 11 Global Computer Vision Market Outlook, By Cameras (2016-2026) (US \$MN)
- 12 Global Computer Vision Market Outlook, By Interface Standards (2016-2026) (US \$MN)
- 13 Global Computer Vision Market Outlook, By Product (2016-2026) (US \$MN)
- 14 Global Computer Vision Market Outlook, By PC-Based Computer Vision Systems (2016-2026) (US \$MN)
- 15 Global Computer Vision Market Outlook, By Smart Cameras-Based Computer Vision Systems (2016-2026) (US \$MN)
- 16 Global Computer Vision Market Outlook, By Application (2016-2026) (US \$MN)
- 17 Global Computer Vision Market Outlook, By Identification (2016-2026) (US \$MN)
- 18 Global Computer Vision Market Outlook, By Measurement (2016-2026) (US \$MN)
- 19 Global Computer Vision Market Outlook, By Positioning & Guidance (2016-2026) (US \$MN)
- 20 Global Computer Vision Market Outlook, By Predictive Maintenance (2016-2026) (US \$MN)
- 21 Global Computer Vision Market Outlook, By Quality Assurance & Inspection (2016-2026) (US \$MN)
- 22 Global Computer Vision Market Outlook, By End User (2016-2026) (US \$MN)
- 23 Global Computer Vision Market Outlook, By Industrial Vertical (2016-2026) (US \$MN)
- 24 Global Computer Vision Market Outlook, By Automotive (2016-2026) (US \$MN)
- 25 Global Computer Vision Market Outlook, By Electronics and Semiconductor (2016-2026) (US \$MN)
- 26 Global Computer Vision Market Outlook, By Glass (2016-2026) (US \$MN)

- 27 Global Computer Vision Market Outlook, By Metals (2016-2026) (US \$MN)
- 28 Global Computer Vision Market Outlook, By Wood and Paper (2016-2026) (US \$MN)
- 29 Global Computer Vision Market Outlook, By Food and Packaging (2016-2026) (US \$MN)
- 30 Global Computer Vision Market Outlook, By Machinery (2016-2026) (US \$MN)
- 31 Global Computer Vision Market Outlook, By Printing (2016-2026) (US \$MN)
- 32 Global Computer Vision Market Outlook, By Rubber and Plastics (2016-2026) (US \$MN)
- 33 Global Computer Vision Market Outlook, By Solar Panel Manufacturing (2016-2026) (US \$MN)
- 34 Global Computer Vision Market Outlook, By Textiles (2016-2026) (US \$MN)
- 35 Global Computer Vision Market Outlook, By Non-Industrial Vertical (2016-2026) (US \$MN)
- 36 Global Computer Vision Market Outlook, By Agriculture (2016-2026) (US \$MN)
- 37 Global Computer Vision Market Outlook, By Autonomous and Semi Autonomous Vehicles (2016-2026) (US \$MN)
- 38 Global Computer Vision Market Outlook, By Healthcare (2016-2026) (US \$MN)
- 39 Global Computer Vision Market Outlook, By Intelligent Transportation Systems (2016-2026) (US \$MN)
- 40 Global Computer Vision Market Outlook, By Postal and Logistics (2016-2026) (US \$MN)
- 41 Global Computer Vision Market Outlook, By Retail (2016-2026) (US \$MN)
- 42 Global Computer Vision Market Outlook, By Security and Surveillance (2016-2026) (US \$MN)
- 43 Global Computer Vision Market Outlook, By Sports and Entertainment (2016-2026) (US \$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

I would like to order

Product name: computer vision - Global Market Outlook (2017-2026)

Product link: <https://marketpublishers.com/r/C2F803F272DEN.html>

Price: US\$ 4,150.00 (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 <https://marketpublishers.com/r/C2F803F272DEN.html>

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**

Customer signature _____

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

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