

Global PC Based Vision Market Growth 2022-2028

https://marketpublishers.com/r/GA5CC3065C0EEN.html

Date: December 2022

Pages: 117

Price: US\$ 3,660.00 (Single User License)

ID: GA5CC3065C0EEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

C-based vision systems generally have greater processing power and are capable of handling complex operations at relatively high speed

The global market for PC Based Vision is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC PC Based Vision market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States PC Based Vision market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe PC Based Vision market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China PC Based Vision market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key PC Based Vision players cover Cognex, Omron, Plant Automation, Vision-Doctor and Acrovision, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.



Report Coverage

This latest report provides a deep insight into the global PC Based Vision market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global PC Based Vision market, with both quantitative and qualitative data, to help readers understand how the PC Based Vision market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in K Units.

Market Segmentation:

The study segments the PC Based Vision market and forecasts the market size by Type (Area Cameras, Line Cameras and High Speed Cameras), by Application (Industrial, Medical and New Energy,), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Area Cameras

Line Cameras

High Speed Cameras

Software for Vision

Segmentation by application

Industrial

Medical



New Energy

Segmentation by region

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy



Russia
Middle East & Africa
Egypt
South Africa
Israel
Turkey
GCC Countries
Major companies covered
Cognex
Omron
Plant Automation
Vision-Doctor
Acrovision
Recab
Thomas
Qualitas Technologies
Keyence
Sensor Tips
Matrox



Opto Engineering

Basler

Teledyne Technologies

TKH Group

Chapter Introduction

Chapter 1: Scope of PC Based Vision, Research Methodology, etc.

Chapter 2: Executive Summary, global PC Based Vision market size (sales and revenue) and CAGR, PC Based Vision market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: PC Based Vision sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global PC Based Vision sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global PC Based Vision market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Cognex,



Omron, Plant Automation, Vision-Doctor, Acrovision, Recab, Thomas, Qualitas Technologies and Keyence, etc.

Chapter 14: Research Findings and Conclusion



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