

# Global 3D Machine Vision Camera Market Growth 2024-2030

<https://marketpublishers.com/r/G77CF8A07A46EN.html>

Date: July 2024

Pages: 141

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

ID: G77CF8A07A46EN

## Abstracts

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

3D machine vision camera is a type of imaging system used in industrial automation and robotics to capture and analyze three-dimensional information about objects in a scene. Unlike traditional 2D cameras that capture flat images, 3D machine vision cameras provide depth information, enabling precise measurements, object recognition, and quality inspection tasks in manufacturing and production environments.

The global 3D Machine Vision Camera market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the “3D Machine Vision Camera Industry Forecast” looks at past sales and reviews total world 3D Machine Vision Camera sales in 2023, providing a comprehensive analysis by region and market sector of projected 3D Machine Vision Camera sales for 2024 through 2030. With 3D Machine Vision Camera sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world 3D Machine Vision Camera industry.

This Insight Report provides a comprehensive analysis of the global 3D Machine Vision Camera landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on 3D Machine Vision Camera portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an

accelerating global 3D Machine Vision Camera market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for 3D Machine Vision Camera and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global 3D Machine Vision Camera.

United States market for 3D Machine Vision Camera is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for 3D Machine Vision Camera is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for 3D Machine Vision Camera is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key 3D Machine Vision Camera players cover Cognex Corporation, Keyence Corporation, LMI Technologies, Sick AG, ifm electronic GmbH, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of 3D Machine Vision Camera market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Stereo Vision Cameras

Structured Light Cameras

Time-of-Flight (ToF) Cameras

Laser Triangulation Cameras

Others

Segmentation by Application:

Automotive Industry

Electronics Manufacturing

Aerospace and Defense

Pharmaceutical and Medical Devices

Logistics and Warehousing

Robotics and Automation

Construction and Infrastructure

Others

This report also splits the market 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

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Cognex Corporation

Keyence Corporation

LMI Technologies

Sick AG

ifm electronic GmbH

Teledyne DALSA

Baumer Group

O3D

Roboception GmbH

TriDiCam

Zivid

RoboVision

Scape Technologies

Vanderbilt Engineering

Coherent Inc

Zebra Technologies

Wenzel Group

Ouster

## Key Questions Addressed in this Report

What is the 10-year outlook for the global 3D Machine Vision Camera market?

What factors are driving 3D Machine Vision Camera market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do 3D Machine Vision Camera market opportunities vary by end market size?

How does 3D Machine Vision Camera break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global 3D Machine Vision Camera Annual Sales 2019-2030

- 2.1.2 World Current & Future Analysis for 3D Machine Vision Camera by Geographic Region, 2019, 2023 & 2030

- 2.1.3 World Current & Future Analysis for 3D Machine Vision Camera by Country/Region, 2019, 2023 & 2030

#### 2.2 3D Machine Vision Camera Segment by Type

- 2.2.1 Stereo Vision Cameras

- 2.2.2 Structured Light Cameras

- 2.2.3 Time-of-Flight (ToF) Cameras

- 2.2.4 Laser Triangulation Cameras

- 2.2.5 Others

#### 2.3 3D Machine Vision Camera Sales by Type

- 2.3.1 Global 3D Machine Vision Camera Sales Market Share by Type (2019-2024)

- 2.3.2 Global 3D Machine Vision Camera Revenue and Market Share by Type (2019-2024)

- 2.3.3 Global 3D Machine Vision Camera Sale Price by Type (2019-2024)

#### 2.4 3D Machine Vision Camera Segment by Application

- 2.4.1 Automotive Industry

- 2.4.2 Electronics Manufacturing

- 2.4.3 Aerospace and Defense

- 2.4.4 Pharmaceutical and Medical Devices

- 2.4.5 Logistics and Warehousing

- 2.4.6 Robotics and Automation

2.4.7 Construction and Infrastructure

2.4.8 Others

2.5 3D Machine Vision Camera Sales by Application

2.5.1 Global 3D Machine Vision Camera Sale Market Share by Application  
(2019-2024)

2.5.2 Global 3D Machine Vision Camera Revenue and Market Share by Application  
(2019-2024)

2.5.3 Global 3D Machine Vision Camera Sale Price by Application (2019-2024)

### **3 GLOBAL BY COMPANY**

3.1 Global 3D Machine Vision Camera Breakdown Data by Company

3.1.1 Global 3D Machine Vision Camera Annual Sales by Company (2019-2024)

3.1.2 Global 3D Machine Vision Camera Sales Market Share by Company  
(2019-2024)

3.2 Global 3D Machine Vision Camera Annual Revenue by Company (2019-2024)

3.2.1 Global 3D Machine Vision Camera Revenue by Company (2019-2024)

3.2.2 Global 3D Machine Vision Camera Revenue Market Share by Company  
(2019-2024)

3.3 Global 3D Machine Vision Camera Sale Price by Company

3.4 Key Manufacturers 3D Machine Vision Camera Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers 3D Machine Vision Camera Product Location Distribution

3.4.2 Players 3D Machine Vision Camera Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

### **4 WORLD HISTORIC REVIEW FOR 3D MACHINE VISION CAMERA BY GEOGRAPHIC REGION**

4.1 World Historic 3D Machine Vision Camera Market Size by Geographic Region  
(2019-2024)

4.1.1 Global 3D Machine Vision Camera Annual Sales by Geographic Region  
(2019-2024)

4.1.2 Global 3D Machine Vision Camera Annual Revenue by Geographic Region  
(2019-2024)



## 4.2 World Historic 3D Machine Vision Camera Market Size by Country/Region (2019-2024)

4.2.1 Global 3D Machine Vision Camera Annual Sales by Country/Region (2019-2024)

4.2.2 Global 3D Machine Vision Camera Annual Revenue by Country/Region (2019-2024)

4.3 Americas 3D Machine Vision Camera Sales Growth

4.4 APAC 3D Machine Vision Camera Sales Growth

4.5 Europe 3D Machine Vision Camera Sales Growth

4.6 Middle East & Africa 3D Machine Vision Camera Sales Growth

## 5 AMERICAS

5.1 Americas 3D Machine Vision Camera Sales by Country

5.1.1 Americas 3D Machine Vision Camera Sales by Country (2019-2024)

5.1.2 Americas 3D Machine Vision Camera Revenue by Country (2019-2024)

5.2 Americas 3D Machine Vision Camera Sales by Type (2019-2024)

5.3 Americas 3D Machine Vision Camera Sales by Application (2019-2024)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## 6 APAC

6.1 APAC 3D Machine Vision Camera Sales by Region

6.1.1 APAC 3D Machine Vision Camera Sales by Region (2019-2024)

6.1.2 APAC 3D Machine Vision Camera Revenue by Region (2019-2024)

6.2 APAC 3D Machine Vision Camera Sales by Type (2019-2024)

6.3 APAC 3D Machine Vision Camera Sales by Application (2019-2024)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

## 7 EUROPE

## 7.1 Europe 3D Machine Vision Camera by Country

7.1.1 Europe 3D Machine Vision Camera Sales by Country (2019-2024)

7.1.2 Europe 3D Machine Vision Camera Revenue by Country (2019-2024)

## 7.2 Europe 3D Machine Vision Camera Sales by Type (2019-2024)

## 7.3 Europe 3D Machine Vision Camera Sales by Application (2019-2024)

### 7.4 Germany

### 7.5 France

### 7.6 UK

### 7.7 Italy

### 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

### 8.1 Middle East & Africa 3D Machine Vision Camera by Country

8.1.1 Middle East & Africa 3D Machine Vision Camera Sales by Country (2019-2024)

8.1.2 Middle East & Africa 3D Machine Vision Camera Revenue by Country  
(2019-2024)

### 8.2 Middle East & Africa 3D Machine Vision Camera Sales by Type (2019-2024)

### 8.3 Middle East & Africa 3D Machine Vision Camera Sales by Application (2019-2024)

#### 8.4 Egypt

#### 8.5 South Africa

#### 8.6 Israel

#### 8.7 Turkey

#### 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

### 9.1 Market Drivers & Growth Opportunities

### 9.2 Market Challenges & Risks

### 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

### 10.1 Raw Material and Suppliers

### 10.2 Manufacturing Cost Structure Analysis of 3D Machine Vision Camera

### 10.3 Manufacturing Process Analysis of 3D Machine Vision Camera

### 10.4 Industry Chain Structure of 3D Machine Vision Camera

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

## 11.1 Sales Channel

### 11.1.1 Direct Channels

### 11.1.2 Indirect Channels

## 11.2 3D Machine Vision Camera Distributors

## 11.3 3D Machine Vision Camera Customer

## **12 WORLD FORECAST REVIEW FOR 3D MACHINE VISION CAMERA BY GEOGRAPHIC REGION**

### 12.1 Global 3D Machine Vision Camera Market Size Forecast by Region

#### 12.1.1 Global 3D Machine Vision Camera Forecast by Region (2025-2030)

#### 12.1.2 Global 3D Machine Vision Camera Annual Revenue Forecast by Region (2025-2030)

### 12.2 Americas Forecast by Country (2025-2030)

### 12.3 APAC Forecast by Region (2025-2030)

### 12.4 Europe Forecast by Country (2025-2030)

### 12.5 Middle East & Africa Forecast by Country (2025-2030)

### 12.6 Global 3D Machine Vision Camera Forecast by Type (2025-2030)

### 12.7 Global 3D Machine Vision Camera Forecast by Application (2025-2030)

## **13 KEY PLAYERS ANALYSIS**

### 13.1 Cognex Corporation

#### 13.1.1 Cognex Corporation Company Information

#### 13.1.2 Cognex Corporation 3D Machine Vision Camera Product Portfolios and Specifications

#### 13.1.3 Cognex Corporation 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

#### 13.1.4 Cognex Corporation Main Business Overview

#### 13.1.5 Cognex Corporation Latest Developments

### 13.2 Keyence Corporation

#### 13.2.1 Keyence Corporation Company Information

#### 13.2.2 Keyence Corporation 3D Machine Vision Camera Product Portfolios and Specifications

#### 13.2.3 Keyence Corporation 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

#### 13.2.4 Keyence Corporation Main Business Overview

#### 13.2.5 Keyence Corporation Latest Developments

### 13.3 LMI Technologies

13.3.1 LMI Technologies Company Information

13.3.2 LMI Technologies 3D Machine Vision Camera Product Portfolios and Specifications

13.3.3 LMI Technologies 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 LMI Technologies Main Business Overview

13.3.5 LMI Technologies Latest Developments

### 13.4 Sick AG

13.4.1 Sick AG Company Information

13.4.2 Sick AG 3D Machine Vision Camera Product Portfolios and Specifications

13.4.3 Sick AG 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 Sick AG Main Business Overview

13.4.5 Sick AG Latest Developments

### 13.5 ifm electronic GmbH

13.5.1 ifm electronic GmbH Company Information

13.5.2 ifm electronic GmbH 3D Machine Vision Camera Product Portfolios and Specifications

13.5.3 ifm electronic GmbH 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 ifm electronic GmbH Main Business Overview

13.5.5 ifm electronic GmbH Latest Developments

### 13.6 Teledyne DALSA

13.6.1 Teledyne DALSA Company Information

13.6.2 Teledyne DALSA 3D Machine Vision Camera Product Portfolios and Specifications

13.6.3 Teledyne DALSA 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 Teledyne DALSA Main Business Overview

13.6.5 Teledyne DALSA Latest Developments

### 13.7 Baumer Group

13.7.1 Baumer Group Company Information

13.7.2 Baumer Group 3D Machine Vision Camera Product Portfolios and Specifications

13.7.3 Baumer Group 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 Baumer Group Main Business Overview

13.7.5 Baumer Group Latest Developments

## 13.8 O3D

13.8.1 O3D Company Information

13.8.2 O3D 3D Machine Vision Camera Product Portfolios and Specifications

13.8.3 O3D 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 O3D Main Business Overview

13.8.5 O3D Latest Developments

## 13.9 Roboception GmbH

13.9.1 Roboception GmbH Company Information

13.9.2 Roboception GmbH 3D Machine Vision Camera Product Portfolios and Specifications

13.9.3 Roboception GmbH 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

13.9.4 Roboception GmbH Main Business Overview

13.9.5 Roboception GmbH Latest Developments

## 13.10 TriDiCam

13.10.1 TriDiCam Company Information

13.10.2 TriDiCam 3D Machine Vision Camera Product Portfolios and Specifications

13.10.3 TriDiCam 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 TriDiCam Main Business Overview

13.10.5 TriDiCam Latest Developments

## 13.11 Zivid

13.11.1 Zivid Company Information

13.11.2 Zivid 3D Machine Vision Camera Product Portfolios and Specifications

13.11.3 Zivid 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 Zivid Main Business Overview

13.11.5 Zivid Latest Developments

## 13.12 RoboVision

13.12.1 RoboVision Company Information

13.12.2 RoboVision 3D Machine Vision Camera Product Portfolios and Specifications

13.12.3 RoboVision 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

13.12.4 RoboVision Main Business Overview

13.12.5 RoboVision Latest Developments

## 13.13 Scape Technologies

13.13.1 Scape Technologies Company Information

13.13.2 Scape Technologies 3D Machine Vision Camera Product Portfolios and

## Specifications

13.13.3 Scape Technologies 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

13.13.4 Scape Technologies Main Business Overview

13.13.5 Scape Technologies Latest Developments

## 13.14 Vanderbilt Engineering

13.14.1 Vanderbilt Engineering Company Information

13.14.2 Vanderbilt Engineering 3D Machine Vision Camera Product Portfolios and Specifications

13.14.3 Vanderbilt Engineering 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

13.14.4 Vanderbilt Engineering Main Business Overview

13.14.5 Vanderbilt Engineering Latest Developments

## 13.15 Coherent Inc

13.15.1 Coherent Inc Company Information

13.15.2 Coherent Inc 3D Machine Vision Camera Product Portfolios and Specifications

13.15.3 Coherent Inc 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

13.15.4 Coherent Inc Main Business Overview

13.15.5 Coherent Inc Latest Developments

## 13.16 Zebra Technologies

13.16.1 Zebra Technologies Company Information

13.16.2 Zebra Technologies 3D Machine Vision Camera Product Portfolios and Specifications

13.16.3 Zebra Technologies 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

13.16.4 Zebra Technologies Main Business Overview

13.16.5 Zebra Technologies Latest Developments

## 13.17 Wenzel Group

13.17.1 Wenzel Group Company Information

13.17.2 Wenzel Group 3D Machine Vision Camera Product Portfolios and Specifications

13.17.3 Wenzel Group 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

13.17.4 Wenzel Group Main Business Overview

13.17.5 Wenzel Group Latest Developments

## 13.18 Ouster

13.18.1 Ouster Company Information

13.18.2 Ouster 3D Machine Vision Camera Product Portfolios and Specifications

13.18.3 Ouster 3D Machine Vision Camera Sales, Revenue, Price and Gross Margin (2019-2024)

13.18.4 Ouster Main Business Overview

13.18.5 Ouster Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**



## List Of Tables

### LIST OF TABLES

Table 1. 3D Machine Vision Camera Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. 3D Machine Vision Camera Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Stereo Vision Cameras

Table 4. Major Players of Structured Light Cameras

Table 5. Major Players of Time-of-Flight (ToF) Cameras

Table 6. Major Players of Laser Triangulation Cameras

Table 7. Major Players of Others

Table 8. Global 3D Machine Vision Camera Sales by Type (2019-2024) & (K Units)

Table 9. Global 3D Machine Vision Camera Sales Market Share by Type (2019-2024)

Table 10. Global 3D Machine Vision Camera Revenue by Type (2019-2024) & (\$ million)

Table 11. Global 3D Machine Vision Camera Revenue Market Share by Type (2019-2024)

Table 12. Global 3D Machine Vision Camera Sale Price by Type (2019-2024) & (US\$/Unit)

Table 13. Global 3D Machine Vision Camera Sale by Application (2019-2024) & (K Units)

Table 14. Global 3D Machine Vision Camera Sale Market Share by Application (2019-2024)

Table 15. Global 3D Machine Vision Camera Revenue by Application (2019-2024) & (\$ million)

Table 16. Global 3D Machine Vision Camera Revenue Market Share by Application (2019-2024)

Table 17. Global 3D Machine Vision Camera Sale Price by Application (2019-2024) & (US\$/Unit)

Table 18. Global 3D Machine Vision Camera Sales by Company (2019-2024) & (K Units)

Table 19. Global 3D Machine Vision Camera Sales Market Share by Company (2019-2024)

Table 20. Global 3D Machine Vision Camera Revenue by Company (2019-2024) & (\$ millions)

Table 21. Global 3D Machine Vision Camera Revenue Market Share by Company (2019-2024)



Table 22. Global 3D Machine Vision Camera Sale Price by Company (2019-2024) & (US\$/Unit)

Table 23. Key Manufacturers 3D Machine Vision Camera Producing Area Distribution and Sales Area

Table 24. Players 3D Machine Vision Camera Products Offered

Table 25. 3D Machine Vision Camera Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 26. New Products and Potential Entrants

Table 27. Market M&A Activity & Strategy

Table 28. Global 3D Machine Vision Camera Sales by Geographic Region (2019-2024) & (K Units)

Table 29. Global 3D Machine Vision Camera Sales Market Share Geographic Region (2019-2024)

Table 30. Global 3D Machine Vision Camera Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 31. Global 3D Machine Vision Camera Revenue Market Share by Geographic Region (2019-2024)

Table 32. Global 3D Machine Vision Camera Sales by Country/Region (2019-2024) & (K Units)

Table 33. Global 3D Machine Vision Camera Sales Market Share by Country/Region (2019-2024)

Table 34. Global 3D Machine Vision Camera Revenue by Country/Region (2019-2024) & (\$ millions)

Table 35. Global 3D Machine Vision Camera Revenue Market Share by Country/Region (2019-2024)

Table 36. Americas 3D Machine Vision Camera Sales by Country (2019-2024) & (K Units)

Table 37. Americas 3D Machine Vision Camera Sales Market Share by Country (2019-2024)

Table 38. Americas 3D Machine Vision Camera Revenue by Country (2019-2024) & (\$ millions)

Table 39. Americas 3D Machine Vision Camera Sales by Type (2019-2024) & (K Units)

Table 40. Americas 3D Machine Vision Camera Sales by Application (2019-2024) & (K Units)

Table 41. APAC 3D Machine Vision Camera Sales by Region (2019-2024) & (K Units)

Table 42. APAC 3D Machine Vision Camera Sales Market Share by Region (2019-2024)

Table 43. APAC 3D Machine Vision Camera Revenue by Region (2019-2024) & (\$ millions)

Table 44. APAC 3D Machine Vision Camera Sales by Type (2019-2024) & (K Units)

Table 45. APAC 3D Machine Vision Camera Sales by Application (2019-2024) & (K Units)

Table 46. Europe 3D Machine Vision Camera Sales by Country (2019-2024) & (K Units)

Table 47. Europe 3D Machine Vision Camera Revenue by Country (2019-2024) & (\$ millions)

Table 48. Europe 3D Machine Vision Camera Sales by Type (2019-2024) & (K Units)

Table 49. Europe 3D Machine Vision Camera Sales by Application (2019-2024) & (K Units)

Table 50. Middle East & Africa 3D Machine Vision Camera Sales by Country (2019-2024) & (K Units)

Table 51. Middle East & Africa 3D Machine Vision Camera Revenue Market Share by Country (2019-2024)

Table 52. Middle East & Africa 3D Machine Vision Camera Sales by Type (2019-2024) & (K Units)

Table 53. Middle East & Africa 3D Machine Vision Camera Sales by Application (2019-2024) & (K Units)

Table 54. Key Market Drivers & Growth Opportunities of 3D Machine Vision Camera

Table 55. Key Market Challenges & Risks of 3D Machine Vision Camera

Table 56. Key Industry Trends of 3D Machine Vision Camera

Table 57. 3D Machine Vision Camera Raw Material

Table 58. Key Suppliers of Raw Materials

Table 59. 3D Machine Vision Camera Distributors List

Table 60. 3D Machine Vision Camera Customer List

Table 61. Global 3D Machine Vision Camera Sales Forecast by Region (2025-2030) & (K Units)

Table 62. Global 3D Machine Vision Camera Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 63. Americas 3D Machine Vision Camera Sales Forecast by Country (2025-2030) & (K Units)

Table 64. Americas 3D Machine Vision Camera Annual Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 65. APAC 3D Machine Vision Camera Sales Forecast by Region (2025-2030) & (K Units)

Table 66. APAC 3D Machine Vision Camera Annual Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 67. Europe 3D Machine Vision Camera Sales Forecast by Country (2025-2030) & (K Units)

Table 68. Europe 3D Machine Vision Camera Revenue Forecast by Country

(2025-2030) & (\$ millions)

Table 69. Middle East & Africa 3D Machine Vision Camera Sales Forecast by Country (2025-2030) & (K Units)

Table 70. Middle East & Africa 3D Machine Vision Camera Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 71. Global 3D Machine Vision Camera Sales Forecast by Type (2025-2030) & (K Units)

Table 72. Global 3D Machine Vision Camera Revenue Forecast by Type (2025-2030) & (\$ millions)

Table 73. Global 3D Machine Vision Camera Sales Forecast by Application (2025-2030) & (K Units)

Table 74. Global 3D Machine Vision Camera Revenue Forecast by Application (2025-2030) & (\$ millions)

Table 75. Cognex Corporation Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors

Table 76. Cognex Corporation 3D Machine Vision Camera Product Portfolios and Specifications

Table 77. Cognex Corporation 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 78. Cognex Corporation Main Business

Table 79. Cognex Corporation Latest Developments

Table 80. Keyence Corporation Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors

Table 81. Keyence Corporation 3D Machine Vision Camera Product Portfolios and Specifications

Table 82. Keyence Corporation 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 83. Keyence Corporation Main Business

Table 84. Keyence Corporation Latest Developments

Table 85. LMI Technologies Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors

Table 86. LMI Technologies 3D Machine Vision Camera Product Portfolios and Specifications

Table 87. LMI Technologies 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 88. LMI Technologies Main Business

Table 89. LMI Technologies Latest Developments

Table 90. Sick AG Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors

Table 91. Sick AG 3D Machine Vision Camera Product Portfolios and Specifications

Table 92. Sick AG 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 93. Sick AG Main Business

Table 94. Sick AG Latest Developments

Table 95. ifm electronic GmbH Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors

Table 96. ifm electronic GmbH 3D Machine Vision Camera Product Portfolios and Specifications

Table 97. ifm electronic GmbH 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 98. ifm electronic GmbH Main Business

Table 99. ifm electronic GmbH Latest Developments

Table 100. Teledyne DALSA Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors

Table 101. Teledyne DALSA 3D Machine Vision Camera Product Portfolios and Specifications

Table 102. Teledyne DALSA 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 103. Teledyne DALSA Main Business

Table 104. Teledyne DALSA Latest Developments

Table 105. Baumer Group Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors

Table 106. Baumer Group 3D Machine Vision Camera Product Portfolios and Specifications

Table 107. Baumer Group 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 108. Baumer Group Main Business

Table 109. Baumer Group Latest Developments

Table 110. O3D Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors

Table 111. O3D 3D Machine Vision Camera Product Portfolios and Specifications

Table 112. O3D 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 113. O3D Main Business

Table 114. O3D Latest Developments

Table 115. Roboception GmbH Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors

Table 116. Roboception GmbH 3D Machine Vision Camera Product Portfolios and

## Specifications

Table 117. Roboception GmbH 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 118. Roboception GmbH Main Business

Table 119. Roboception GmbH Latest Developments

Table 120. TriDiCam Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors

Table 121. TriDiCam 3D Machine Vision Camera Product Portfolios and Specifications

Table 122. TriDiCam 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 123. TriDiCam Main Business

Table 124. TriDiCam Latest Developments

Table 125. Zivid Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors

Table 126. Zivid 3D Machine Vision Camera Product Portfolios and Specifications

Table 127. Zivid 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 128. Zivid Main Business

Table 129. Zivid Latest Developments

Table 130. RoboVision Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors

Table 131. RoboVision 3D Machine Vision Camera Product Portfolios and Specifications

Table 132. RoboVision 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 133. RoboVision Main Business

Table 134. RoboVision Latest Developments

Table 135. Scape Technologies Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors

Table 136. Scape Technologies 3D Machine Vision Camera Product Portfolios and Specifications

Table 137. Scape Technologies 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 138. Scape Technologies Main Business

Table 139. Scape Technologies Latest Developments

Table 140. Vanderbilt Engineering Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors

Table 141. Vanderbilt Engineering 3D Machine Vision Camera Product Portfolios and Specifications



- Table 142. Vanderbilt Engineering 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 143. Vanderbilt Engineering Main Business
- Table 144. Vanderbilt Engineering Latest Developments
- Table 145. Coherent Inc Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors
- Table 146. Coherent Inc 3D Machine Vision Camera Product Portfolios and Specifications
- Table 147. Coherent Inc 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 148. Coherent Inc Main Business
- Table 149. Coherent Inc Latest Developments
- Table 150. Zebra Technologies Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors
- Table 151. Zebra Technologies 3D Machine Vision Camera Product Portfolios and Specifications
- Table 152. Zebra Technologies 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 153. Zebra Technologies Main Business
- Table 154. Zebra Technologies Latest Developments
- Table 155. Wenzel Group Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors
- Table 156. Wenzel Group 3D Machine Vision Camera Product Portfolios and Specifications
- Table 157. Wenzel Group 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 158. Wenzel Group Main Business
- Table 159. Wenzel Group Latest Developments
- Table 160. Ouster Basic Information, 3D Machine Vision Camera Manufacturing Base, Sales Area and Its Competitors
- Table 161. Ouster 3D Machine Vision Camera Product Portfolios and Specifications
- Table 162. Ouster 3D Machine Vision Camera Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 163. Ouster Main Business
- Table 164. Ouster Latest Developments

## List Of Figures

### LIST OF FIGURES

Figure 1. Picture of 3D Machine Vision Camera

Figure 2. 3D Machine Vision Camera Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global 3D Machine Vision Camera Sales Growth Rate 2019-2030 (K Units)

Figure 7. Global 3D Machine Vision Camera Revenue Growth Rate 2019-2030 (\$ millions)

Figure 8. 3D Machine Vision Camera Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Figure 9. 3D Machine Vision Camera Sales Market Share by Country/Region (2023)

Figure 10. 3D Machine Vision Camera Sales Market Share by Country/Region (2019, 2023 & 2030)

Figure 11. Product Picture of Stereo Vision Cameras

Figure 12. Product Picture of Structured Light Cameras

Figure 13. Product Picture of Time-of-Flight (ToF) Cameras

Figure 14. Product Picture of Laser Triangulation Cameras

Figure 15. Product Picture of Others

Figure 16. Global 3D Machine Vision Camera Sales Market Share by Type in 2023

Figure 17. Global 3D Machine Vision Camera Revenue Market Share by Type (2019-2024)

Figure 18. 3D Machine Vision Camera Consumed in Automotive Industry

Figure 19. Global 3D Machine Vision Camera Market: Automotive Industry (2019-2024) & (K Units)

Figure 20. 3D Machine Vision Camera Consumed in Electronics Manufacturing

Figure 21. Global 3D Machine Vision Camera Market: Electronics Manufacturing (2019-2024) & (K Units)

Figure 22. 3D Machine Vision Camera Consumed in Aerospace and Defense

Figure 23. Global 3D Machine Vision Camera Market: Aerospace and Defense (2019-2024) & (K Units)

Figure 24. 3D Machine Vision Camera Consumed in Pharmaceutical and Medical Devices

Figure 25. Global 3D Machine Vision Camera Market: Pharmaceutical and Medical Devices (2019-2024) & (K Units)

Figure 26. 3D Machine Vision Camera Consumed in Logistics and Warehousing

Figure 27. Global 3D Machine Vision Camera Market: Logistics and Warehousing (2019-2024) & (K Units)

Figure 28. 3D Machine Vision Camera Consumed in Robotics and Automation

Figure 29. Global 3D Machine Vision Camera Market: Robotics and Automation (2019-2024) & (K Units)

Figure 30. 3D Machine Vision Camera Consumed in Construction and Infrastructure

Figure 31. Global 3D Machine Vision Camera Market: Construction and Infrastructure (2019-2024) & (K Units)

Figure 32. 3D Machine Vision Camera Consumed in Others

Figure 33. Global 3D Machine Vision Camera Market: Others (2019-2024) & (K Units)

Figure 34. Global 3D Machine Vision Camera Sale Market Share by Application (2023)

Figure 35. Global 3D Machine Vision Camera Revenue Market Share by Application in 2023

Figure 36. 3D Machine Vision Camera Sales by Company in 2023 (K Units)

Figure 37. Global 3D Machine Vision Camera Sales Market Share by Company in 2023

Figure 38. 3D Machine Vision Camera Revenue by Company in 2023 (\$ millions)

Figure 39. Global 3D Machine Vision Camera Revenue Market Share by Company in 2023

Figure 40. Global 3D Machine Vision Camera Sales Market Share by Geographic Region (2019-2024)

Figure 41. Global 3D Machine Vision Camera Revenue Market Share by Geographic Region in 2023

Figure 42. Americas 3D Machine Vision Camera Sales 2019-2024 (K Units)

Figure 43. Americas 3D Machine Vision Camera Revenue 2019-2024 (\$ millions)

Figure 44. APAC 3D Machine Vision Camera Sales 2019-2024 (K Units)

Figure 45. APAC 3D Machine Vision Camera Revenue 2019-2024 (\$ millions)

Figure 46. Europe 3D Machine Vision Camera Sales 2019-2024 (K Units)

Figure 47. Europe 3D Machine Vision Camera Revenue 2019-2024 (\$ millions)

Figure 48. Middle East & Africa 3D Machine Vision Camera Sales 2019-2024 (K Units)

Figure 49. Middle East & Africa 3D Machine Vision Camera Revenue 2019-2024 (\$ millions)

Figure 50. Americas 3D Machine Vision Camera Sales Market Share by Country in 2023

Figure 51. Americas 3D Machine Vision Camera Revenue Market Share by Country (2019-2024)

Figure 52. Americas 3D Machine Vision Camera Sales Market Share by Type (2019-2024)

Figure 53. Americas 3D Machine Vision Camera Sales Market Share by Application (2019-2024)



Figure 54. United States 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 55. Canada 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 56. Mexico 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 57. Brazil 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 58. APAC 3D Machine Vision Camera Sales Market Share by Region in 2023

Figure 59. APAC 3D Machine Vision Camera Revenue Market Share by Region (2019-2024)

Figure 60. APAC 3D Machine Vision Camera Sales Market Share by Type (2019-2024)

Figure 61. APAC 3D Machine Vision Camera Sales Market Share by Application (2019-2024)

Figure 62. China 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 63. Japan 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 64. South Korea 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 65. Southeast Asia 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 66. India 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 67. Australia 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 68. China Taiwan 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 69. Europe 3D Machine Vision Camera Sales Market Share by Country in 2023

Figure 70. Europe 3D Machine Vision Camera Revenue Market Share by Country (2019-2024)

Figure 71. Europe 3D Machine Vision Camera Sales Market Share by Type (2019-2024)

Figure 72. Europe 3D Machine Vision Camera Sales Market Share by Application (2019-2024)

Figure 73. Germany 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 74. France 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 75. UK 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 76. Italy 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 77. Russia 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 78. Middle East & Africa 3D Machine Vision Camera Sales Market Share by Country (2019-2024)

Figure 79. Middle East & Africa 3D Machine Vision Camera Sales Market Share by Type (2019-2024)

Figure 80. Middle East & Africa 3D Machine Vision Camera Sales Market Share by Application (2019-2024)

Figure 81. Egypt 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 82. South Africa 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 83. Israel 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 84. Turkey 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 85. GCC Countries 3D Machine Vision Camera Revenue Growth 2019-2024 (\$ millions)

Figure 86. Manufacturing Cost Structure Analysis of 3D Machine Vision Camera in 2023

Figure 87. Manufacturing Process Analysis of 3D Machine Vision Camera

Figure 88. Industry Chain Structure of 3D Machine Vision Camera

Figure 89. Channels of Distribution

Figure 90. Global 3D Machine Vision Camera Sales Market Forecast by Region (2025-2030)

Figure 91. Global 3D Machine Vision Camera Revenue Market Share Forecast by Region (2025-2030)

Figure 92. Global 3D Machine Vision Camera Sales Market Share Forecast by Type (2025-2030)

Figure 93. Global 3D Machine Vision Camera Revenue Market Share Forecast by Type (2025-2030)

Figure 94. Global 3D Machine Vision Camera Sales Market Share Forecast by Application (2025-2030)

Figure 95. Global 3D Machine Vision Camera Revenue Market Share Forecast by Application (2025-2030)

## I would like to order

Product name: Global 3D Machine Vision Camera Market Growth 2024-2030

Product link: <https://marketpublishers.com/r/G77CF8A07A46EN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G77CF8A07A46EN.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