

# Global Industrial Machine Vision Technology Supply, Demand and Key Producers, 2024-2030

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## Abstracts

The global Industrial Machine Vision Technology market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

Machine vision (MV) is the technology and methods used to provide imaging-based automatic inspection and analysis for such applications as automatic inspection, process control, and robot guidance, usually in industry. Machine vision refers to many technologies, software and hardware products, integrated systems, actions, methods and expertise. Machine vision as a systems engineering discipline can be considered distinct from computer vision, a form of computer science. It attempts to integrate existing technologies in new ways and apply them to solve real world problems. The term is the prevalent one for these functions in industrial automation environments but is also used for these functions in other environment vehicle guidance.

This report studies the global Industrial Machine Vision Technology demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Industrial Machine Vision Technology, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Industrial Machine Vision Technology that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Industrial Machine Vision Technology total market, 2019-2030, (USD Million)

Global Industrial Machine Vision Technology total market by region & country, CAGR, 2019-2030, (USD Million)

U.S. VS China: Industrial Machine Vision Technology total market, key domestic companies and share, (USD Million)

Global Industrial Machine Vision Technology revenue by player and market share 2019-2024, (USD Million)

Global Industrial Machine Vision Technology total market by Type, CAGR, 2019-2030, (USD Million)

Global Industrial Machine Vision Technology total market by Application, CAGR, 2019-2030, (USD Million).

This reports profiles major players in the global Industrial Machine Vision Technology market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Basler, Teledyne, FLIR Systems Inc, Jai, Cognex, Vieworks Co., Ltd., Baumer, Microscan Systems (Omron) and Sony, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Industrial Machine Vision Technology market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

Global Industrial Machine Vision Technology Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Industrial Machine Vision Technology Market, Segmentation by Type

Hardware

Software

Services

## Global Industrial Machine Vision Technology Market, Segmentation by Application

Manufacturing

Medical and Life Sciences

Security and Surveillance

Intelligent Transportation System

Others

## Companies Profiled:

Basler

Teledyne

FLIR Systems Inc

Jai

Cognex

Vieworks Co., Ltd.

Baumer

Microscan Systems (Omron)

Sony

Toshiba Teli

National Instruments

IDS

The Imaging Source

Daheng Image

HIK Vision

TKH Group

Huaray Tech

Omron

CIS Corporation

Dahua Technology

## Key Questions Answered

1. How big is the global Industrial Machine Vision Technology market?
2. What is the demand of the global Industrial Machine Vision Technology market?
3. What is the year over year growth of the global Industrial Machine Vision Technology market?
4. What is the total value of the global Industrial Machine Vision Technology market?
5. Who are the major players in the global Industrial Machine Vision Technology market?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Industrial Machine Vision Technology Introduction
- 1.2 World Industrial Machine Vision Technology Market Size & Forecast (2019 & 2023 & 2030)
- 1.3 World Industrial Machine Vision Technology Total Market by Region (by Headquarter Location)
  - 1.3.1 World Industrial Machine Vision Technology Market Size by Region (2019-2030), (by Headquarter Location)
  - 1.3.2 United States Industrial Machine Vision Technology Market Size (2019-2030)
  - 1.3.3 China Industrial Machine Vision Technology Market Size (2019-2030)
  - 1.3.4 Europe Industrial Machine Vision Technology Market Size (2019-2030)
  - 1.3.5 Japan Industrial Machine Vision Technology Market Size (2019-2030)
  - 1.3.6 South Korea Industrial Machine Vision Technology Market Size (2019-2030)
  - 1.3.7 ASEAN Industrial Machine Vision Technology Market Size (2019-2030)
  - 1.3.8 India Industrial Machine Vision Technology Market Size (2019-2030)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Industrial Machine Vision Technology Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Industrial Machine Vision Technology Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Industrial Machine Vision Technology Consumption Value (2019-2030)
- 2.2 World Industrial Machine Vision Technology Consumption Value by Region
  - 2.2.1 World Industrial Machine Vision Technology Consumption Value by Region (2019-2024)
  - 2.2.2 World Industrial Machine Vision Technology Consumption Value Forecast by Region (2025-2030)
- 2.3 United States Industrial Machine Vision Technology Consumption Value (2019-2030)
- 2.4 China Industrial Machine Vision Technology Consumption Value (2019-2030)
- 2.5 Europe Industrial Machine Vision Technology Consumption Value (2019-2030)
- 2.6 Japan Industrial Machine Vision Technology Consumption Value (2019-2030)
- 2.7 South Korea Industrial Machine Vision Technology Consumption Value (2019-2030)
- 2.8 ASEAN Industrial Machine Vision Technology Consumption Value (2019-2030)
- 2.9 India Industrial Machine Vision Technology Consumption Value (2019-2030)

### **3 WORLD INDUSTRIAL MACHINE VISION TECHNOLOGY COMPANIES COMPETITIVE ANALYSIS**

- 3.1 World Industrial Machine Vision Technology Revenue by Player (2019-2024)
- 3.2 Industry Rank and Concentration Rate (CR)
  - 3.2.1 Global Industrial Machine Vision Technology Industry Rank of Major Players
  - 3.2.2 Global Concentration Ratios (CR4) for Industrial Machine Vision Technology in 2023
  - 3.2.3 Global Concentration Ratios (CR8) for Industrial Machine Vision Technology in 2023
- 3.3 Industrial Machine Vision Technology Company Evaluation Quadrant
- 3.4 Industrial Machine Vision Technology Market: Overall Company Footprint Analysis
  - 3.4.1 Industrial Machine Vision Technology Market: Region Footprint
  - 3.4.2 Industrial Machine Vision Technology Market: Company Product Type Footprint
  - 3.4.3 Industrial Machine Vision Technology Market: Company Product Application Footprint
- 3.5 Competitive Environment
  - 3.5.1 Historical Structure of the Industry
  - 3.5.2 Barriers of Market Entry
  - 3.5.3 Factors of Competition
- 3.6 Mergers, Acquisitions Activity

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD (BY HEADQUARTER LOCATION)**

- 4.1 United States VS China: Industrial Machine Vision Technology Revenue Comparison (by Headquarter Location)
  - 4.1.1 United States VS China: Industrial Machine Vision Technology Market Size Comparison (2019 & 2023 & 2030) (by Headquarter Location)
  - 4.1.2 United States VS China: Industrial Machine Vision Technology Revenue Market Share Comparison (2019 & 2023 & 2030)
- 4.2 United States Based Companies VS China Based Companies: Industrial Machine Vision Technology Consumption Value Comparison
  - 4.2.1 United States VS China: Industrial Machine Vision Technology Consumption Value Comparison (2019 & 2023 & 2030)
  - 4.2.2 United States VS China: Industrial Machine Vision Technology Consumption Value Market Share Comparison (2019 & 2023 & 2030)
- 4.3 United States Based Industrial Machine Vision Technology Companies and Market

Share, 2019-2024

4.3.1 United States Based Industrial Machine Vision Technology Companies, Headquarters (States, Country)

4.3.2 United States Based Companies Industrial Machine Vision Technology Revenue, (2019-2024)

4.4 China Based Companies Industrial Machine Vision Technology Revenue and Market Share, 2019-2024

4.4.1 China Based Industrial Machine Vision Technology Companies, Company Headquarters (Province, Country)

4.4.2 China Based Companies Industrial Machine Vision Technology Revenue, (2019-2024)

4.5 Rest of World Based Industrial Machine Vision Technology Companies and Market Share, 2019-2024

4.5.1 Rest of World Based Industrial Machine Vision Technology Companies, Headquarters (States, Country)

4.5.2 Rest of World Based Companies Industrial Machine Vision Technology Revenue, (2019-2024)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Industrial Machine Vision Technology Market Size Overview by Type: 2019 VS 2023 VS 2030

5.2 Segment Introduction by Type

5.2.1 Hardware

5.2.2 Software

5.2.3 Services

5.3 Market Segment by Type

5.3.1 World Industrial Machine Vision Technology Market Size by Type (2019-2024)

5.3.2 World Industrial Machine Vision Technology Market Size by Type (2025-2030)

5.3.3 World Industrial Machine Vision Technology Market Size Market Share by Type (2019-2030)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Industrial Machine Vision Technology Market Size Overview by Application: 2019 VS 2023 VS 2030

6.2 Segment Introduction by Application

6.2.1 Manufacturing

6.2.2 Medical and Life Sciences



- 6.2.3 Security and Surveillance
- 6.2.4 Intelligent Transportation System
- 6.2.5 Intelligent Transportation System
- 6.3 Market Segment by Application
  - 6.3.1 World Industrial Machine Vision Technology Market Size by Application (2019-2024)
  - 6.3.2 World Industrial Machine Vision Technology Market Size by Application (2025-2030)
  - 6.3.3 World Industrial Machine Vision Technology Market Size by Application (2019-2030)

## **7 COMPANY PROFILES**

### 7.1 Basler

- 7.1.1 Basler Details
- 7.1.2 Basler Major Business
- 7.1.3 Basler Industrial Machine Vision Technology Product and Services
- 7.1.4 Basler Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)
- 7.1.5 Basler Recent Developments/Updates
- 7.1.6 Basler Competitive Strengths & Weaknesses

### 7.2 Teledyne

- 7.2.1 Teledyne Details
- 7.2.2 Teledyne Major Business
- 7.2.3 Teledyne Industrial Machine Vision Technology Product and Services
- 7.2.4 Teledyne Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)
- 7.2.5 Teledyne Recent Developments/Updates
- 7.2.6 Teledyne Competitive Strengths & Weaknesses

### 7.3 FLIR Systems Inc

- 7.3.1 FLIR Systems Inc Details
- 7.3.2 FLIR Systems Inc Major Business
- 7.3.3 FLIR Systems Inc Industrial Machine Vision Technology Product and Services
- 7.3.4 FLIR Systems Inc Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)
- 7.3.5 FLIR Systems Inc Recent Developments/Updates
- 7.3.6 FLIR Systems Inc Competitive Strengths & Weaknesses

### 7.4 Jai

- 7.4.1 Jai Details

- 7.4.2 Jai Major Business
- 7.4.3 Jai Industrial Machine Vision Technology Product and Services
- 7.4.4 Jai Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)
- 7.4.5 Jai Recent Developments/Updates
- 7.4.6 Jai Competitive Strengths & Weaknesses
- 7.5 Cognex
  - 7.5.1 Cognex Details
  - 7.5.2 Cognex Major Business
  - 7.5.3 Cognex Industrial Machine Vision Technology Product and Services
  - 7.5.4 Cognex Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)
  - 7.5.5 Cognex Recent Developments/Updates
  - 7.5.6 Cognex Competitive Strengths & Weaknesses
- 7.6 Vieworks Co., Ltd.
  - 7.6.1 Vieworks Co., Ltd. Details
  - 7.6.2 Vieworks Co., Ltd. Major Business
  - 7.6.3 Vieworks Co., Ltd. Industrial Machine Vision Technology Product and Services
  - 7.6.4 Vieworks Co., Ltd. Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)
  - 7.6.5 Vieworks Co., Ltd. Recent Developments/Updates
  - 7.6.6 Vieworks Co., Ltd. Competitive Strengths & Weaknesses
- 7.7 Baumer
  - 7.7.1 Baumer Details
  - 7.7.2 Baumer Major Business
  - 7.7.3 Baumer Industrial Machine Vision Technology Product and Services
  - 7.7.4 Baumer Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)
  - 7.7.5 Baumer Recent Developments/Updates
  - 7.7.6 Baumer Competitive Strengths & Weaknesses
- 7.8 Microscan Systems (Omron)
  - 7.8.1 Microscan Systems (Omron) Details
  - 7.8.2 Microscan Systems (Omron) Major Business
  - 7.8.3 Microscan Systems (Omron) Industrial Machine Vision Technology Product and Services
  - 7.8.4 Microscan Systems (Omron) Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)
  - 7.8.5 Microscan Systems (Omron) Recent Developments/Updates
  - 7.8.6 Microscan Systems (Omron) Competitive Strengths & Weaknesses

## 7.9 Sony

### 7.9.1 Sony Details

### 7.9.2 Sony Major Business

### 7.9.3 Sony Industrial Machine Vision Technology Product and Services

### 7.9.4 Sony Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)

### 7.9.5 Sony Recent Developments/Updates

### 7.9.6 Sony Competitive Strengths & Weaknesses

## 7.10 Toshiba Teli

### 7.10.1 Toshiba Teli Details

### 7.10.2 Toshiba Teli Major Business

### 7.10.3 Toshiba Teli Industrial Machine Vision Technology Product and Services

### 7.10.4 Toshiba Teli Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)

### 7.10.5 Toshiba Teli Recent Developments/Updates

### 7.10.6 Toshiba Teli Competitive Strengths & Weaknesses

## 7.11 National Instruments

### 7.11.1 National Instruments Details

### 7.11.2 National Instruments Major Business

### 7.11.3 National Instruments Industrial Machine Vision Technology Product and Services

### 7.11.4 National Instruments Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)

### 7.11.5 National Instruments Recent Developments/Updates

### 7.11.6 National Instruments Competitive Strengths & Weaknesses

## 7.12 IDS

### 7.12.1 IDS Details

### 7.12.2 IDS Major Business

### 7.12.3 IDS Industrial Machine Vision Technology Product and Services

### 7.12.4 IDS Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)

### 7.12.5 IDS Recent Developments/Updates

### 7.12.6 IDS Competitive Strengths & Weaknesses

## 7.13 The Imaging Source

### 7.13.1 The Imaging Source Details

### 7.13.2 The Imaging Source Major Business

### 7.13.3 The Imaging Source Industrial Machine Vision Technology Product and Services

### 7.13.4 The Imaging Source Industrial Machine Vision Technology Revenue, Gross

## Margin and Market Share (2019-2024)

7.13.5 The Imaging Source Recent Developments/Updates

7.13.6 The Imaging Source Competitive Strengths & Weaknesses

## 7.14 Daheng Image

7.14.1 Daheng Image Details

7.14.2 Daheng Image Major Business

7.14.3 Daheng Image Industrial Machine Vision Technology Product and Services

7.14.4 Daheng Image Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)

7.14.5 Daheng Image Recent Developments/Updates

7.14.6 Daheng Image Competitive Strengths & Weaknesses

## 7.15 HIK Vision

7.15.1 HIK Vision Details

7.15.2 HIK Vision Major Business

7.15.3 HIK Vision Industrial Machine Vision Technology Product and Services

7.15.4 HIK Vision Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)

7.15.5 HIK Vision Recent Developments/Updates

7.15.6 HIK Vision Competitive Strengths & Weaknesses

## 7.16 TKH Group

7.16.1 TKH Group Details

7.16.2 TKH Group Major Business

7.16.3 TKH Group Industrial Machine Vision Technology Product and Services

7.16.4 TKH Group Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)

7.16.5 TKH Group Recent Developments/Updates

7.16.6 TKH Group Competitive Strengths & Weaknesses

## 7.17 Huaray Tech

7.17.1 Huaray Tech Details

7.17.2 Huaray Tech Major Business

7.17.3 Huaray Tech Industrial Machine Vision Technology Product and Services

7.17.4 Huaray Tech Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)

7.17.5 Huaray Tech Recent Developments/Updates

7.17.6 Huaray Tech Competitive Strengths & Weaknesses

## 7.18 Omron

7.18.1 Omron Details

7.18.2 Omron Major Business

7.18.3 Omron Industrial Machine Vision Technology Product and Services

7.18.4 Omron Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)

7.18.5 Omron Recent Developments/Updates

7.18.6 Omron Competitive Strengths & Weaknesses

7.19 CIS Corporation

7.19.1 CIS Corporation Details

7.19.2 CIS Corporation Major Business

7.19.3 CIS Corporation Industrial Machine Vision Technology Product and Services

7.19.4 CIS Corporation Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)

7.19.5 CIS Corporation Recent Developments/Updates

7.19.6 CIS Corporation Competitive Strengths & Weaknesses

7.20 Dahua Technology

7.20.1 Dahua Technology Details

7.20.2 Dahua Technology Major Business

7.20.3 Dahua Technology Industrial Machine Vision Technology Product and Services

7.20.4 Dahua Technology Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024)

7.20.5 Dahua Technology Recent Developments/Updates

7.20.6 Dahua Technology Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

8.1 Industrial Machine Vision Technology Industry Chain

8.2 Industrial Machine Vision Technology Upstream Analysis

8.3 Industrial Machine Vision Technology Midstream Analysis

8.4 Industrial Machine Vision Technology Downstream Analysis

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Industrial Machine Vision Technology Revenue by Region (2019, 2023 and 2030) & (USD Million), (by Headquarter Location)

Table 2. World Industrial Machine Vision Technology Revenue by Region (2019-2024) & (USD Million), (by Headquarter Location)

Table 3. World Industrial Machine Vision Technology Revenue by Region (2025-2030) & (USD Million), (by Headquarter Location)

Table 4. World Industrial Machine Vision Technology Revenue Market Share by Region (2019-2024), (by Headquarter Location)

Table 5. World Industrial Machine Vision Technology Revenue Market Share by Region (2025-2030), (by Headquarter Location)

Table 6. Major Market Trends

Table 7. World Industrial Machine Vision Technology Consumption Value Growth Rate Forecast by Region (2019 & 2023 & 2030) & (USD Million)

Table 8. World Industrial Machine Vision Technology Consumption Value by Region (2019-2024) & (USD Million)

Table 9. World Industrial Machine Vision Technology Consumption Value Forecast by Region (2025-2030) & (USD Million)

Table 10. World Industrial Machine Vision Technology Revenue by Player (2019-2024) & (USD Million)

Table 11. Revenue Market Share of Key Industrial Machine Vision Technology Players in 2023

Table 12. World Industrial Machine Vision Technology Industry Rank of Major Player, Based on Revenue in 2023

Table 13. Global Industrial Machine Vision Technology Company Evaluation Quadrant

Table 14. Head Office of Key Industrial Machine Vision Technology Player

Table 15. Industrial Machine Vision Technology Market: Company Product Type Footprint

Table 16. Industrial Machine Vision Technology Market: Company Product Application Footprint

Table 17. Industrial Machine Vision Technology Mergers & Acquisitions Activity

Table 18. United States VS China Industrial Machine Vision Technology Market Size Comparison, (2019 & 2023 & 2030) & (USD Million)

Table 19. United States VS China Industrial Machine Vision Technology Consumption Value Comparison, (2019 & 2023 & 2030) & (USD Million)

Table 20. United States Based Industrial Machine Vision Technology Companies,



Headquarters (States, Country)

Table 21. United States Based Companies Industrial Machine Vision Technology Revenue, (2019-2024) & (USD Million)

Table 22. United States Based Companies Industrial Machine Vision Technology Revenue Market Share (2019-2024)

Table 23. China Based Industrial Machine Vision Technology Companies, Headquarters (Province, Country)

Table 24. China Based Companies Industrial Machine Vision Technology Revenue, (2019-2024) & (USD Million)

Table 25. China Based Companies Industrial Machine Vision Technology Revenue Market Share (2019-2024)

Table 26. Rest of World Based Industrial Machine Vision Technology Companies, Headquarters (States, Country)

Table 27. Rest of World Based Companies Industrial Machine Vision Technology Revenue, (2019-2024) & (USD Million)

Table 28. Rest of World Based Companies Industrial Machine Vision Technology Revenue Market Share (2019-2024)

Table 29. World Industrial Machine Vision Technology Market Size by Type, (USD Million), 2019 & 2023 & 2030

Table 30. World Industrial Machine Vision Technology Market Size by Type (2019-2024) & (USD Million)

Table 31. World Industrial Machine Vision Technology Market Size by Type (2025-2030) & (USD Million)

Table 32. World Industrial Machine Vision Technology Market Size by Application, (USD Million), 2019 & 2023 & 2030

Table 33. World Industrial Machine Vision Technology Market Size by Application (2019-2024) & (USD Million)

Table 34. World Industrial Machine Vision Technology Market Size by Application (2025-2030) & (USD Million)

Table 35. Basler Basic Information, Area Served and Competitors

Table 36. Basler Major Business

Table 37. Basler Industrial Machine Vision Technology Product and Services

Table 38. Basler Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)

Table 39. Basler Recent Developments/Updates

Table 40. Basler Competitive Strengths & Weaknesses

Table 41. Teledyne Basic Information, Area Served and Competitors

Table 42. Teledyne Major Business

Table 43. Teledyne Industrial Machine Vision Technology Product and Services

- Table 44. Teledyne Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)
- Table 45. Teledyne Recent Developments/Updates
- Table 46. Teledyne Competitive Strengths & Weaknesses
- Table 47. FLIR Systems Inc Basic Information, Area Served and Competitors
- Table 48. FLIR Systems Inc Major Business
- Table 49. FLIR Systems Inc Industrial Machine Vision Technology Product and Services
- Table 50. FLIR Systems Inc Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)
- Table 51. FLIR Systems Inc Recent Developments/Updates
- Table 52. FLIR Systems Inc Competitive Strengths & Weaknesses
- Table 53. Jai Basic Information, Area Served and Competitors
- Table 54. Jai Major Business
- Table 55. Jai Industrial Machine Vision Technology Product and Services
- Table 56. Jai Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)
- Table 57. Jai Recent Developments/Updates
- Table 58. Jai Competitive Strengths & Weaknesses
- Table 59. Cognex Basic Information, Area Served and Competitors
- Table 60. Cognex Major Business
- Table 61. Cognex Industrial Machine Vision Technology Product and Services
- Table 62. Cognex Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)
- Table 63. Cognex Recent Developments/Updates
- Table 64. Cognex Competitive Strengths & Weaknesses
- Table 65. Vieworks Co., Ltd. Basic Information, Area Served and Competitors
- Table 66. Vieworks Co., Ltd. Major Business
- Table 67. Vieworks Co., Ltd. Industrial Machine Vision Technology Product and Services
- Table 68. Vieworks Co., Ltd. Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)
- Table 69. Vieworks Co., Ltd. Recent Developments/Updates
- Table 70. Vieworks Co., Ltd. Competitive Strengths & Weaknesses
- Table 71. Baumer Basic Information, Area Served and Competitors
- Table 72. Baumer Major Business
- Table 73. Baumer Industrial Machine Vision Technology Product and Services
- Table 74. Baumer Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)
- Table 75. Baumer Recent Developments/Updates



- Table 76. Baumer Competitive Strengths & Weaknesses
- Table 77. Microscan Systems (Omron) Basic Information, Area Served and Competitors
- Table 78. Microscan Systems (Omron) Major Business
- Table 79. Microscan Systems (Omron) Industrial Machine Vision Technology Product and Services
- Table 80. Microscan Systems (Omron) Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)
- Table 81. Microscan Systems (Omron) Recent Developments/Updates
- Table 82. Microscan Systems (Omron) Competitive Strengths & Weaknesses
- Table 83. Sony Basic Information, Area Served and Competitors
- Table 84. Sony Major Business
- Table 85. Sony Industrial Machine Vision Technology Product and Services
- Table 86. Sony Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)
- Table 87. Sony Recent Developments/Updates
- Table 88. Sony Competitive Strengths & Weaknesses
- Table 89. Toshiba Teli Basic Information, Area Served and Competitors
- Table 90. Toshiba Teli Major Business
- Table 91. Toshiba Teli Industrial Machine Vision Technology Product and Services
- Table 92. Toshiba Teli Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)
- Table 93. Toshiba Teli Recent Developments/Updates
- Table 94. Toshiba Teli Competitive Strengths & Weaknesses
- Table 95. National Instruments Basic Information, Area Served and Competitors
- Table 96. National Instruments Major Business
- Table 97. National Instruments Industrial Machine Vision Technology Product and Services
- Table 98. National Instruments Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)
- Table 99. National Instruments Recent Developments/Updates
- Table 100. National Instruments Competitive Strengths & Weaknesses
- Table 101. IDS Basic Information, Area Served and Competitors
- Table 102. IDS Major Business
- Table 103. IDS Industrial Machine Vision Technology Product and Services
- Table 104. IDS Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)
- Table 105. IDS Recent Developments/Updates
- Table 106. IDS Competitive Strengths & Weaknesses
- Table 107. The Imaging Source Basic Information, Area Served and Competitors

- Table 108. The Imaging Source Major Business
- Table 109. The Imaging Source Industrial Machine Vision Technology Product and Services
- Table 110. The Imaging Source Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)
- Table 111. The Imaging Source Recent Developments/Updates
- Table 112. The Imaging Source Competitive Strengths & Weaknesses
- Table 113. Daheng Image Basic Information, Area Served and Competitors
- Table 114. Daheng Image Major Business
- Table 115. Daheng Image Industrial Machine Vision Technology Product and Services
- Table 116. Daheng Image Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)
- Table 117. Daheng Image Recent Developments/Updates
- Table 118. Daheng Image Competitive Strengths & Weaknesses
- Table 119. HIK Vision Basic Information, Area Served and Competitors
- Table 120. HIK Vision Major Business
- Table 121. HIK Vision Industrial Machine Vision Technology Product and Services
- Table 122. HIK Vision Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)
- Table 123. HIK Vision Recent Developments/Updates
- Table 124. HIK Vision Competitive Strengths & Weaknesses
- Table 125. TKH Group Basic Information, Area Served and Competitors
- Table 126. TKH Group Major Business
- Table 127. TKH Group Industrial Machine Vision Technology Product and Services
- Table 128. TKH Group Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)
- Table 129. TKH Group Recent Developments/Updates
- Table 130. TKH Group Competitive Strengths & Weaknesses
- Table 131. Huaray Tech Basic Information, Area Served and Competitors
- Table 132. Huaray Tech Major Business
- Table 133. Huaray Tech Industrial Machine Vision Technology Product and Services
- Table 134. Huaray Tech Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)
- Table 135. Huaray Tech Recent Developments/Updates
- Table 136. Huaray Tech Competitive Strengths & Weaknesses
- Table 137. Omron Basic Information, Area Served and Competitors
- Table 138. Omron Major Business
- Table 139. Omron Industrial Machine Vision Technology Product and Services
- Table 140. Omron Industrial Machine Vision Technology Revenue, Gross Margin and

Market Share (2019-2024) & (USD Million)

Table 141. Omron Recent Developments/Updates

Table 142. Omron Competitive Strengths & Weaknesses

Table 143. CIS Corporation Basic Information, Area Served and Competitors

Table 144. CIS Corporation Major Business

Table 145. CIS Corporation Industrial Machine Vision Technology Product and Services

Table 146. CIS Corporation Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)

Table 147. CIS Corporation Recent Developments/Updates

Table 148. Dahua Technology Basic Information, Area Served and Competitors

Table 149. Dahua Technology Major Business

Table 150. Dahua Technology Industrial Machine Vision Technology Product and Services

Table 151. Dahua Technology Industrial Machine Vision Technology Revenue, Gross Margin and Market Share (2019-2024) & (USD Million)

Table 152. Global Key Players of Industrial Machine Vision Technology Upstream (Raw Materials)

Table 153. Industrial Machine Vision Technology Typical Customers

## **LIST OF FIGURE**

Figure 1. Industrial Machine Vision Technology Picture

Figure 2. World Industrial Machine Vision Technology Total Market Size: 2019 & 2023 & 2030, (USD Million)

Figure 3. World Industrial Machine Vision Technology Total Market Size (2019-2030) & (USD Million)

Figure 4. World Industrial Machine Vision Technology Revenue Market Share by Region (2019, 2023 and 2030) & (USD Million) , (by Headquarter Location)

Figure 5. World Industrial Machine Vision Technology Revenue Market Share by Region (2019-2030), (by Headquarter Location)

Figure 6. United States Based Company Industrial Machine Vision Technology Revenue (2019-2030) & (USD Million)

Figure 7. China Based Company Industrial Machine Vision Technology Revenue (2019-2030) & (USD Million)

Figure 8. Europe Based Company Industrial Machine Vision Technology Revenue (2019-2030) & (USD Million)

Figure 9. Japan Based Company Industrial Machine Vision Technology Revenue (2019-2030) & (USD Million)

Figure 10. South Korea Based Company Industrial Machine Vision Technology

Revenue (2019-2030) & (USD Million)

Figure 11. ASEAN Based Company Industrial Machine Vision Technology Revenue (2019-2030) & (USD Million)

Figure 12. India Based Company Industrial Machine Vision Technology Revenue (2019-2030) & (USD Million)

Figure 13. Industrial Machine Vision Technology Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Industrial Machine Vision Technology Consumption Value (2019-2030) & (USD Million)

Figure 16. World Industrial Machine Vision Technology Consumption Value Market Share by Region (2019-2030)

Figure 17. United States Industrial Machine Vision Technology Consumption Value (2019-2030) & (USD Million)

Figure 18. China Industrial Machine Vision Technology Consumption Value (2019-2030) & (USD Million)

Figure 19. Europe Industrial Machine Vision Technology Consumption Value (2019-2030) & (USD Million)

Figure 20. Japan Industrial Machine Vision Technology Consumption Value (2019-2030) & (USD Million)

Figure 21. South Korea Industrial Machine Vision Technology Consumption Value (2019-2030) & (USD Million)

Figure 22. ASEAN Industrial Machine Vision Technology Consumption Value (2019-2030) & (USD Million)

Figure 23. India Industrial Machine Vision Technology Consumption Value (2019-2030) & (USD Million)

Figure 24. Producer Shipments of Industrial Machine Vision Technology by Player Revenue (\$MM) and Market Share (%): 2023

Figure 25. Global Four-firm Concentration Ratios (CR4) for Industrial Machine Vision Technology Markets in 2023

Figure 26. Global Four-firm Concentration Ratios (CR8) for Industrial Machine Vision Technology Markets in 2023

Figure 27. United States VS China: Industrial Machine Vision Technology Revenue Market Share Comparison (2019 & 2023 & 2030)

Figure 28. United States VS China: Industrial Machine Vision Technology Consumption Value Market Share Comparison (2019 & 2023 & 2030)

Figure 29. World Industrial Machine Vision Technology Market Size by Type, (USD Million), 2019 & 2023 & 2030

Figure 30. World Industrial Machine Vision Technology Market Size Market Share by Type in 2023

Figure 31. Hardware

Figure 32. Software

Figure 33. Services

Figure 34. World Industrial Machine Vision Technology Market Size Market Share by Type (2019-2030)

Figure 35. World Industrial Machine Vision Technology Market Size by Application, (USD Million), 2019 & 2023 & 2030

Figure 36. World Industrial Machine Vision Technology Market Size Market Share by Application in 2023

Figure 37. Manufacturing

Figure 38. Medical and Life Sciences

Figure 39. Security and Surveillance

Figure 40. Intelligent Transportation System

Figure 41. Others

Figure 42. Industrial Machine Vision Technology Industrial Chain

Figure 43. Methodology

Figure 44. Research Process and Data Source

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