

Middle East and Africa Industrial Machine Vision Market

Market Report | 2024-08-01 | 329 pages | Data Bridge Market Research

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Report description:

The Middle East and Africa industrial machine vision market is expected to reach USD 171 billion by 2031 from USD 1.01 billion in 2023, growing with a substantial CAGR of 6.83% during the forecast period of 2024 to 2031.

Market Segmentation:

Middle East and Africa Industrial Machine Vision Market, By Component (Hardware and Software), Product (Smart Camera/Smart Sensor Vision System, Hybrid Smart Camera Vision System, and PC Based), Type (2D Vision Systems, 3D Vision Systems and 1D Vision Systems), Deployment (Robotic Cell and General), Applications (Defect Detection, Product Inspection, Surface Inspection, Packaging Inspection, Identification, OCR/OCV, Pattern Recognition, Gauging, Guidance and Part Tracking, Web Inspection, and Others), End-User (Automotive, Consumer Electronic, Food and Packaging, Pharmaceuticals, Metals, Printing, Aerospace, Glass, Rubber and Plastics, Mining, Textiles, Wood and Paper, Machinery, Solar Panel Manufacturing, and Others), Country (U.S., Canada, Mexico, Germany, France, U.K., Italy, Russia, Spain, Russia, Turkey, Belgium, Netherlands, Sweden, Switzerland, Rest of Europe, China, Japan, South Korea, India, Australia, Singapore, Thailand, Malaysia, Indonesia, Philippines, Rest of Asia-Pacific, Brazil, Argentina, Rest of South America, U.A.E., Saudi Arabia, South Africa, Egypt, Israel, and Rest of Middle East and Africa) - Industry Trends and Forecast to 2031

Overview of Middle East and Africa Industrial Machine Vision Market Dynamics:

Drivers

- Growing focus on quality control and inspection
- Increasing adoption of automation across various industries
- Increased labor costs and shortages
- Fast expanding industry 4.0

Restraints

- High initial costs of setting up industrial machine vision systems
- Complexity of integration of industrial machine vision systems

Opportunities

- Advancements in AI and deep learning
- Technological advancements in various components of industrial machine vision
- Expansion of smart cities and IoT

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Market Players:

Some of the major players operating in the Middle East and Africa industrial machine vision market are listed below:

- OMRON Corporation
- Sony Semiconductor Solutions Corporation
- Cognex Corporation
- SICK AG
- Teledyne FLIR LLC
- NATIONAL INSTRUMENTS CORP.
- Intel Corporation
- Cadence Design Systems, Inc.
- Ceva, Inc.

Table of Contents:

1 INTRODUCTION	74
1.1 OBJECTIVES OF THE STUDY	74
1.2 MARKET DEFINITION	74
1.3 OVERVIEW	74
1.4 LIMITATIONS	76
1.5 MARKETS COVERED	76
2 MARKET SEGMENTATION	84
2.1 MARKETS COVERED	84
2.2 GEOGRAPHICAL SCOPE	85
2.3 YEARS CONSIDERED FOR THE STUDY	86
2.4 CURRENCY AND PRICING	86
2.5 DBMR TRIPOD DATA VALIDATION MODEL	87
2.6 MULTIVARIATE MODELING	90
2.7 PRIMARY INTERVIEWS WITH KEY OPINION LEADERS	91
2.8 DBMR MARKET POSITION GRID	92
2.9 MARKET APPLICATION COVERAGE GRID	93
2.10 DBMR VENDOR SHARE ANALYSIS	94
2.11 SECONDARY SOURCES	95
2.12 ASSUMPTIONS	96
3 EXECUTIVE SUMMARY	97
4 PREMIUM INSIGHTS	102
4.1 PORTER'S FIVE FORCES ANALYSIS	103
4.1.1 THREAT OF NEW ENTRANTS	103
4.1.2 BARGAINING POWER OF SUPPLIERS	103
4.1.3 BARGAINING POWER OF BUYERS	104
4.1.4 THREAT OF SUBSTITUTES	104
4.1.5 INTERNAL COMPETITION	104
4.1.6 CONCLUSION	105
4.2 REGULATION COVERAGE	106
4.3 TECHNOLOGICAL IMPACT ON INDUSTRIAL MACHINE VISION MARKET	108
4.3.1 ROBOTIC VISION	108

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4.3.2	5G	108
4.3.3	INDUSTRIAL INTERNET OF THINGS AND AI	108
4.3.4	STEREO VISION	109
5	MARKET OVERVIEW	110
5.1	DRIVERS	112
5.1.1	GROWING FOCUS ON QUALITY CONTROL AND INSPECTION	112
5.1.2	INCREASING ADOPTION OF AUTOMATION ACROSS VARIOUS INDUSTRIES	113
5.1.3	INCREASED LABOR COSTS AND SHORTAGES	113
5.1.4	FAST EXPANDING INDUSTRY 4.0	114
5.2	RESTRAINTS	116
5.2.1	HIGH INITIAL COSTS OF SETTING UP INDUSTRIAL MACHINE VISION SYSTEMS	116
5.2.2	COMPLEXITY OF INTEGRATION OF INDUSTRIAL MACHINE VISION SYSTEMS	116
5.3	OPPORTUNITIES	117
5.3.1	ADVANCEMENTS IN AI AND DEEP LEARNING	117
5.3.2	TECHNOLOGICAL ADVANCEMENTS IN VARIOUS COMPONENTS OF INDUSTRIAL MACHINE VISION	118
5.3.3	EXPANSION OF SMART CITIES AND IOT	119
5.4	CHALLENGES	120
5.4.1	SECURITY CONCERNS RELATED TO CYBER-ATTACKS AND CYBERSECURITY THREATS	120
5.4.2	LACK OF INDUSTRY-WIDE STANDARDS FOR MACHINE VISION SYSTEMS	121
6	MIDDLE EAST AND AFRICA INDUSTRIAL MACHINE VISION MARKET, BY COMPONENT	123
6.1	OVERVIEW	124
6.2	HARDWARE	125
6.3	SOFTWARE	128
7	MIDDLE EAST AND AFRICA INDUSTRIAL MACHINE VISION MARKET, BY PRODUCT	129
7.1	OVERVIEW	130
7.2	SMART CAMERA/SMART SENSOR VISION SYSTEM	131
7.3	HYBRID SMART CAMERA VISION SYSTEM	131
7.4	PC BASED	132
8	MIDDLE EAST AND AFRICA INDUSTRIAL MACHINE VISION MARKET, BY TYPE	133
8.1	OVERVIEW	134
8.2	2D VISION SYSTEMS	135
8.3	3D VISION SYSTEMS	135
8.4	1D VISION SYSTEMS	136
9	MIDDLE EAST AND AFRICA INDUSTRIAL MACHINE VISION MARKET, BY DEPLOYMENT	137
9.1	OVERVIEW	138
9.2	ROBOTIC CELLS	139
9.3	GENERAL	139
10	MIDDLE EAST AND AFRICA INDUSTRIAL MACHINE VISION MARKET, BY APPLICATION	140
10.1	OVERVIEW	141
10.2	DEFECT DETECTION	142
10.3	PRODUCT INSPECTION	143
10.4	SURFACE INSPECTION	143
10.5	PACKAGING INSPECTION	144
10.6	IDENTIFICATION	144
10.7	OCR/OCV	145
10.8	PATTERN RECOGNITION	145
10.9	GAUGING	146

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10.10 GUIDANCE AND PART TRACKING	146
10.11 WEB INSPECTION	147
10.12 OTHERS	147
11 MIDDLE EAST AND AFRICA INDUSTRIAL MACHINE VISION MARKET, BY END-USER	148
11.1 OVERVIEW	149
11.2 AUTOMOTIVE	150
11.2.1 AUTOMOTIVE, BY TYPE	151
11.2.2 AUTOMOTIVE, BY PRODUCT	151
11.3 CONSUMER ELECTRONICS	152
11.3.1 CONSUMER ELECTRONICS, BY TYPE	152
11.3.2 CONSUMER ELECTRONICS, BY PRODUCT	153
11.4 FOOD AND PACKAGING	153
11.4.1 FOOD AND PACKAGING, BY PRODUCT	154
11.5 PHARMACEUTICALS	154
11.5.1 PHARMACEUTICALS, BY PRODUCT	155
11.6 METALS	155
11.6.1 METALS, BY PRODUCT	156
11.7 PRINTING	156
11.7.1 PRINTING, BY PRODUCT	157
11.8 AEROSPACE	157
11.8.1 AEROSPACE, BY TYPE	158
11.8.2 AEROSPACE, BY PRODUCT	158
11.9 GLASS	159
11.9.1 GLASS, BY PRODUCT	159
11.10 RUBBER AND PLASTICS	160
11.10.1 RUBBER AND PLASTICS, BY PRODUCT	160
11.11 MINING	161
11.11.1 MINING, BY TYPE	161
11.11.2 MINING, BY PRODUCT	162
11.12 TEXTILES	162
11.12.1 TEXTILES, BY PRODUCT	163
11.13 WOOD AND PAPER	163
11.13.1 WOOD AND PAPER, BY PRODUCT	164
11.14 MACHINERY	164
11.14.1 MACHINERY, BY PRODUCT	165
11.15 SOLAR PANEL MANUFACTURING	165
11.15.1 SOLAR PANEL MANUFACTURING, BY PRODUCT	166
11.16 OTHERS	166
11.16.1 OTHERS, BY PRODUCT	167
12 MIDDLE EAST AND AFRICA INDUSTRIAL MACHINE VISION MARKET, BY REGION	168
12.1 MIDDLE EAST AND AFRICA	169
12.1.1 SOUTH AFRICA	184
12.1.2 SAUDI ARABIA	196
12.1.3 U.A.E.	208
12.1.4 EGYPT	220
12.1.5 ISRAEL	232
12.1.6 REST OF MIDDLE EAST AND AFRICA	244

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13 MIDDLE EAST AND AFRICA INDUSTRIAL MACHINE VISION MARKET: COMPANY LANDSCAPE	245
13.1 COMPANY SHARE ANALYSIS: MIDDLE EAST AND AFRICA	245
14 SWOT ANALYSIS	246
15 COMPANY PROFILES	247
15.1 KEYENCE CORPORATION	247
15.1.1 COMPANY SNAPSHOT	247
15.1.2 REVENUE ANALYSIS	248
15.1.3 COMPANY SHARE ANALYSIS	248
15.1.4 PRODUCT PORTFOLIO	249
15.1.5 RECENT DEVELOPMENT	252
15.2 OMRON CORPORATION	253
15.2.1 COMPANY SNAPSHOT	253
15.2.2 REVENUE ANALYSIS	254
15.2.3 COMPANY SHARE ANALYSIS	254
15.2.4 PRODUCT PORTFOLIO	255
15.2.5 RECENT DEVELOPMENTS	256
15.3 SONY SEMICONDUCTOR SOLUTIONS CORPORATION	258
15.3.1 COMPANY SNAPSHOT	258
15.3.2 COMPANY SHARE ANALYSIS	258
15.3.3 PRODUCT PORTFOLIO	259
15.3.4 RECENT DEVELOPMENTS	260
15.4 COGNEX CORPORATION	262
15.4.1 COMPANY SNAPSHOT	262
15.4.2 REVENUE ANALYSIS	262
15.4.3 COMPANY SHARE ANALYSIS	263
15.4.4 PRODUCT PORTFOLIO	263
15.4.5 RECENT DEVELOPMENTS	267
15.5 SICK AG	268
15.5.1 COMPANY SNAPSHOT	268
15.5.2 COMPANY SHARE ANALYSIS	268
15.5.3 PRODUCT PORTFOLIO	269
15.5.4 RECENT DEVELOPMENTS	271
15.6 AUTOMATIC IDENTIFICATION SYSTEMS (UK) LIMITED	272
15.6.1 COMPANY SNAPSHOT	272
15.6.2 PRODUCT PORTFOLIO	272
15.6.3 RECENT DEVELOPMENTS	277
15.7 BASLER AG	278
15.7.1 COMPANY SNAPSHOT	278
15.7.2 REVENUE ANALYSIS	278
15.7.3 PRODUCT PORTFOLIO	279
15.7.4 RECENT DEVELOPMENTS	284
15.8 CADENCE DESIGN SYSTEMS, INC.	285
15.8.1 COMPANY SNAPSHOT	285
15.8.2 REVENUE ANALYSIS	285
15.8.3 PRODUCT PORTFOLIO	286
15.8.4 RECENT DEVELOPMENT	290
15.9 CEVA, INC.	291

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15.9.1 COMPANY SNAPSHOT	291
15.9.2 REVENUE ANALYSIS	291
15.9.3 PRODUCT PORTFOLIO	292
15.9.4 RECENT DEVELOPMENT	293
15.10 INTEGRO TECHNOLOGIES CORP.	294
15.10.1 COMPANY SNAPSHOT	294
15.10.2 PRODUCT PORTFOLIO	294
15.10.3 RECENT DEVELOPMENTS	294
15.11 INTEL CORPORATION	295
15.11.1 COMPANY SNAPSHOT	295
15.11.2 REVENUE ANALYSIS	295
15.11.3 PRODUCT PORTFOLIO	296
15.11.4 RECENT UPDATES	296
15.12 ISRA VISION	298
15.12.1 COMPANY SNAPSHOT	298
15.12.2 PRODUCT PORTFOLIO	298
15.12.3 RECENT DEVELOPMENTS	301
15.13 KALYPSO: A ROCKWELL AUTOMATION BUSINESS	302
15.13.1 COMPANY SNAPSHOT	302
15.13.2 PRODUCT PORTFOLIO	302
15.13.3 RECENT DEVELOPMENTS	302
15.14 MV ASIA INFOMATRIX PTE LTD	304
15.14.1 COMPANY SNAPSHOT	304
15.14.2 PRODUCT PORTFOLIO	304
15.14.3 RECENT DEVELOPMENT	306
15.15 NATIONAL INSTRUMENTS CORP.	307
15.15.1 COMPANY SNAPSHOT	307
15.15.2 PRODUCT PORTFOLIO	307
15.15.3 RECENT DEVELOPMENTS	309
15.16 QUALITAS TECHNOLOGIES	310
15.16.1 COMPANY SNAPSHOT	310
15.16.2 PRODUCT PORTFOLIO	310
15.16.3 RECENT DEVELOPMENT	310
15.17 SODA VISION	311
15.17.1 COMPANY SNAPSHOT	311
15.17.2 PRODUCT PORTFOLIO	311
15.17.3 RECENT DEVELOPMENTS	312
15.18 TELEDYNE FLIR LLC	314
15.18.1 COMPANY SNAPSHOT	314
15.18.2 PRODUCT PORTFOLIO	314
15.18.3 RECENT DEVELOPMENTS	317
15.19 TEXAS INSTRUMENTS INCORPORATED	319
15.19.1 COMPANY SNAPSHOT	319
15.19.2 REVENUE ANALYSIS	319
15.19.3 PRODUCT PORTFOLIO	320
15.19.4 RECENT DEVELOPMENTS	321
15.20 THE IMAGINING SOURCE, LLC	322

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- 15.20.1 COMPANY SNAPSHOT 322
- 15.20.2 PRODUCT PORTFOLIO 322
- 15.20.3 RECENT DEVELOPMENTS 324
- 16 QUESTIONNAIRE 325
- 17 RELATED REPORTS 329
- ?

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