

Global Automotive Industrial Camera Competitive Landscape Professional Research Report 2025

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Abstracts

Market Overview

According to DIResearch's in-depth investigation and research, the global Automotive Industrial Camera market size will reach 397.43 Million USD in 2025 and is projected to reach 699.88 Million USD by 2032, with a CAGR of 8.42% (2025-2032). Notably, the China Automotive Industrial Camera market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

Research Summary

An Automotive Industrial Camera is a specialized camera used in the automotive industry for various applications such as driver assistance systems, vehicle safety, autonomous driving, and others. These cameras are designed to withstand harsh environments, extreme temperatures, and vibrations. They are typically high-resolution cameras with advanced features such as image stabilization, high dynamic range, and night vision capabilities. Automotive industrial cameras are used in different types of vehicles, including cars, trucks, buses, and trains. They play a critical role in enhancing the safety and performance of vehicles on the road.

The major global manufacturers of Automotive Industrial Camera include Basler, Teledyne DALSA, Baumer, Sony, Cognex, TKH Group (Allied Vision), Daheng Image, JAI, KEYENCE, Matrox, OMRON, Dahua Technology, Hikvision, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate

significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Automotive Industrial Camera. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Automotive Industrial Camera market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Automotive Industrial Camera market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Automotive Industrial Camera industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Automotive Industrial Camera Include:

Basler

Teledyne DALSA

Baumer

Sony

Cognex

TKH Group (Allied Vision)

Daheng Image

JAI

KEYENCE

Matrox

OMRON

Dahua Technology

Hikvision

Automotive Industrial Camera Product Segment Include:

Area Scan Cameras

Line Scan Cameras

Others

Automotive Industrial Camera Product Application Include:

Robot Vision

Surface Detection

Welding Defect Inspection

Others

Chapter Scope

Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

Chapter 2: Global Automotive Industrial Camera Industry PESTEL Analysis

Chapter 3: Global Automotive Industrial Camera Industry Porter's Five Forces Analysis

Chapter 4: Global Automotive Industrial Camera Major Regional Market Size (Revenue, Sales, Price) and Forecast Analysis

Chapter 5: Global Automotive Industrial Camera Market Size and Forecast by Type and Application Analysis

Chapter 6: North America Automotive Industrial Camera Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 7: Europe Automotive Industrial Camera Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 8: China Automotive Industrial Camera Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 9: APAC (Excl. China) Automotive Industrial Camera Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 10: Latin America Automotive Industrial Camera Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 11: Middle East and Africa Automotive Industrial Camera Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 12: Global Automotive Industrial Camera Competitive Analysis of Key Manufacturers (Sales, Revenue, Market Share, Price, Regional Distribution and Industry Concentration)

Chapter 13: Key Company Profiles (Product Portfolio, Sales, Revenue, Price and Gross Margin)

Chapter 14: Industrial Chain Analysis, Include Raw Material Suppliers, Distributors and Customers

Chapter 15: Research Findings and Conclusion

Chapter 16: Methodology and Data Sources

Contents

1 AUTOMOTIVE INDUSTRIAL CAMERA MARKET OVERVIEW

- 1.1 Product Definition and Statistical Scope
- 1.2 Automotive Industrial Camera Product by Type
 - 1.2.1 Area Scan Cameras
 - 1.2.2 Line Scan Cameras
 - 1.2.3 Others
- 1.3 Automotive Industrial Camera Product by Application
 - 1.3.1 Robot Vision
 - 1.3.2 Surface Detection
 - 1.3.3 Welding Defect Inspection
 - 1.3.4 Others
- 1.4 Global Automotive Industrial Camera Market Revenue and Sales Analysis
 - 1.4.1 Global Automotive Industrial Camera Revenue Market Size Analysis (2020-2032)
 - 1.4.2 Global Automotive Industrial Camera Sales Market Size Analysis (2020-2032)
 - 1.4.3 Global Automotive Industrial Camera Market Sales Price Trend Analysis (2020-2032)
- 1.5 Automotive Industrial Camera Industry Trends and Innovation
 - 1.5.1 Automotive Industrial Camera Industry Trends and Innovation
 - 1.5.2 Automotive Industrial Camera Market Drivers and Challenges

2 AUTOMOTIVE INDUSTRIAL CAMERA MARKET PESTEL ANALYSIS

- 2.1 Political Factors Analysis
- 2.2 Economic Factors Analysis
- 2.3 Social Factors Analysis
- 2.4 Technological Factors Analysis
- 2.5 Environmental Factors Analysis
- 2.6 Legal Factors Analysis

3 AUTOMOTIVE INDUSTRIAL CAMERA MARKET PORTER'S FIVE FORCES ANALYSIS

- 3.1 Competitive Rivalry
- 3.2 Threat of New Entrants
- 3.3 Bargaining Power of Suppliers
- 3.4 Bargaining Power of Buyers

3.5 Threat of Substitutes

4 GLOBAL AUTOMOTIVE INDUSTRIAL CAMERA MARKET ANALYSIS BY REGIONS

4.1 Global Automotive Industrial Camera Overall Market: 2024 VS 2025 VS 2032

4.2 Global Automotive Industrial Camera Revenue and Forecast Analysis (2020-2032)

4.2.1 Global Automotive Industrial Camera Revenue and Market Share by Region (2020-2025)

4.2.2 Global Automotive Industrial Camera Revenue and Market Share Forecast by Region (2026-2032)

4.3 Global Automotive Industrial Camera Sales and Forecast Analysis (2020-2032)

4.3.1 Global Automotive Industrial Camera Sales and Market Share by Region (2020-2025)

4.3.2 Global Automotive Industrial Camera Sales and Market Share Forecast by Region (2026-2032)

4.4 Global Automotive Industrial Camera Sales Price Trend Analysis (2020-2032)

5 GLOBAL AUTOMOTIVE INDUSTRIAL CAMERA MARKET SIZE BY TYPE AND APPLICATION

5.1 Global Automotive Industrial Camera Market Size by Type

5.1.1 Global Automotive Industrial Camera Revenue and Forecast Analysis by Type (2020-2032)

5.1.2 Global Automotive Industrial Camera Sales and Forecast Analysis by Type (2020-2032)

5.2 Global Automotive Industrial Camera Market Size by Application

5.2.1 Global Automotive Industrial Camera Revenue and Forecast Analysis by Application (2020-2032)

5.2.2 Global Automotive Industrial Camera Sales and Forecast Analysis by Application (2020-2032)

6 NORTH AMERICA

6.1 North America Automotive Industrial Camera Market Size and Growth Rate Analysis (2020-2032)

6.2 North America Key Manufacturers Analysis

6.3 North America Automotive Industrial Camera Market Size by Type

6.3.1 North America Automotive Industrial Camera Sales by Type (2020-2032)

- 6.3.2 North America Automotive Industrial Camera Revenue by Type (2020-2032)
- 6.4 North America Automotive Industrial Camera Market Size by Application
 - 6.4.1 North America Automotive Industrial Camera Sales by Application (2020-2032)
 - 6.4.2 North America Automotive Industrial Camera Revenue by Application (2020-2032)
- 6.5 North America Automotive Industrial Camera Market Size by Country
 - 6.5.1 US
 - 6.5.2 Canada

7 EUROPE

- 7.1 Europe Automotive Industrial Camera Market Size and Growth Rate Analysis (2020-2032)
- 7.2 Europe Key Manufacturers Analysis
- 7.3 Europe Automotive Industrial Camera Market Size by Type
 - 7.3.1 Europe Automotive Industrial Camera Sales by Type (2020-2032)
 - 7.3.2 Europe Automotive Industrial Camera Revenue by Type (2020-2032)
- 7.4 Europe Automotive Industrial Camera Market Size by Application
 - 7.4.1 Europe Automotive Industrial Camera Sales by Application (2020-2032)
 - 7.4.2 Europe Automotive Industrial Camera Revenue by Application (2020-2032)
- 7.5 Europe Automotive Industrial Camera Market Size by Country
 - 7.5.1 Germany
 - 7.5.2 France
 - 7.5.3 United Kingdom
 - 7.5.4 Italy
 - 7.5.5 Spain
 - 7.5.6 Benelux

8 CHINA

- 8.1 China Automotive Industrial Camera Market Size and Growth Rate Analysis (2020-2032)
- 8.2 China Key Manufacturers Analysis
- 8.3 China Automotive Industrial Camera Market Size by Type
 - 8.3.1 China Automotive Industrial Camera Sales by Type (2020-2032)
 - 8.3.2 China Automotive Industrial Camera Revenue by Type (2020-2032)
- 8.4 China Automotive Industrial Camera Market Size by Application
 - 8.4.1 China Automotive Industrial Camera Sales by Application (2020-2032)
 - 8.4.2 China Automotive Industrial Camera Revenue by Application (2020-2032)

9 APAC (EXCL. CHINA)

9.1 APAC (excl. China) Automotive Industrial Camera Market Size and Growth Rate Analysis (2020-2032)

9.2 APAC (excl. China) Key Manufacturers Analysis

9.3 APAC (excl. China) Automotive Industrial Camera Market Size by Type

9.3.1 APAC (excl. China) Automotive Industrial Camera Sales by Type (2020-2032)

9.3.2 APAC (excl. China) Automotive Industrial Camera Revenue by Type (2020-2032)

9.4 APAC (excl. China) Automotive Industrial Camera Market Size by Application

9.4.1 APAC (excl. China) Automotive Industrial Camera Sales by Application (2020-2032)

9.4.2 APAC (excl. China) Automotive Industrial Camera Revenue by Application (2020-2032)

9.5 APAC (excl. China) Automotive Industrial Camera Market Size by Country

9.5.1 Japan

9.5.2 South Korea

9.5.3 India

9.5.4 Australia

9.5.5 Southeast Asia

10 LATIN AMERICA

10.1 Latin America Automotive Industrial Camera Market Size and Growth Rate Analysis (2020-2032)

10.2 Latin America Key Manufacturers Analysis

10.3 Latin America Automotive Industrial Camera Market Size by Type

10.3.1 Latin America Automotive Industrial Camera Sales by Type (2020-2032)

10.3.2 Latin America Automotive Industrial Camera Revenue by Type (2020-2032)

10.4 Latin America Automotive Industrial Camera Market Size by Application

10.4.1 Latin America Automotive Industrial Camera Sales by Application (2020-2032)

10.4.2 Latin America Automotive Industrial Camera Revenue by Application (2020-2032)

10.5 Latin America Automotive Industrial Camera Market Size by Country

10.6 Latin America Automotive Industrial Camera Market Size by Country

10.6.1 Mexico

10.6.2 Brazil

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Automotive Industrial Camera Market Size and Growth Rate Analysis (2020-2032)

11.2 Middle East & Africa Key Manufacturers Analysis

11.3 Middle East & Africa Automotive Industrial Camera Market Size by Type

11.3.1 Middle East & Africa Automotive Industrial Camera Sales by Type (2020-2032)

11.3.2 Middle East & Africa Automotive Industrial Camera Revenue by Type (2020-2032)

11.4 Middle East & Africa Automotive Industrial Camera Market Size by Application

11.4.1 Middle East & Africa Automotive Industrial Camera Sales by Application (2020-2032)

11.4.2 Middle East & Africa Automotive Industrial Camera Revenue by Application (2020-2032)

11.5 Middle East Automotive Industrial Camera Market Size by Country

11.5.1 Saudi Arabia

11.5.2 South Africa

12 COMPETITION BY MANUFACTURERS

12.1 Global Automotive Industrial Camera Market Sales, Revenue and Price by Key Manufacturers (2021-2025)

12.1.1 Global Automotive Industrial Camera Market Sales by Key Manufacturers (2021-2025)

12.1.2 Global Automotive Industrial Camera Market Revenue by Key Manufacturers (2021-2025)

12.1.3 Global Automotive Industrial Camera Average Sales Price by Manufacturers (2021-2025)

12.2 Automotive Industrial Camera Competitive Landscape Analysis and Market Dynamic

12.2.1 Automotive Industrial Camera Competitive Landscape Analysis

12.2.2 Global Key Manufacturers Headquarter Location and Key Area Sales

12.2.3 Market Dynamic

13 KEY COMPANIES ANALYSIS

13.1 Basler

13.1.1 Basler Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.1.2 Basler Automotive Industrial Camera Product Portfolio

13.1.3 Basler Automotive Industrial Camera Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.2 Teledyne DALSA

13.2.1 Teledyne DALSA Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.2.2 Teledyne DALSA Automotive Industrial Camera Product Portfolio

13.2.3 Teledyne DALSA Automotive Industrial Camera Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.3 Baumer

13.3.1 Baumer Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.3.2 Baumer Automotive Industrial Camera Product Portfolio

13.3.3 Baumer Automotive Industrial Camera Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.4 Sony

13.4.1 Sony Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.4.2 Sony Automotive Industrial Camera Product Portfolio

13.4.3 Sony Automotive Industrial Camera Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.5 Cognex

13.5.1 Cognex Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.5.2 Cognex Automotive Industrial Camera Product Portfolio

13.5.3 Cognex Automotive Industrial Camera Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.6 TKH Group (Allied Vision)

13.6.1 TKH Group (Allied Vision) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.6.2 TKH Group (Allied Vision) Automotive Industrial Camera Product Portfolio

13.6.3 TKH Group (Allied Vision) Automotive Industrial Camera Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.7 Daheng Image

13.7.1 Daheng Image Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.7.2 Daheng Image Automotive Industrial Camera Product Portfolio

13.7.3 Daheng Image Automotive Industrial Camera Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.8 JAI

13.8.1 JAI Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.8.2 JAI Automotive Industrial Camera Product Portfolio

13.8.3 JAI Automotive Industrial Camera Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.9 KEYENCE

13.9.1 KEYENCE Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.9.2 KEYENCE Automotive Industrial Camera Product Portfolio

13.9.3 KEYENCE Automotive Industrial Camera Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.10 Matrox

13.10.1 Matrox Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.10.2 Matrox Automotive Industrial Camera Product Portfolio

13.10.3 Matrox Automotive Industrial Camera Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.11 OMRON

13.11.1 OMRON Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.11.2 OMRON Automotive Industrial Camera Product Portfolio

13.11.3 OMRON Automotive Industrial Camera Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.12 Dahua Technology

13.12.1 Dahua Technology Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.12.2 Dahua Technology Automotive Industrial Camera Product Portfolio

13.12.3 Dahua Technology Automotive Industrial Camera Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.13 Hikvision

13.13.1 Hikvision Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.13.2 Hikvision Automotive Industrial Camera Product Portfolio

13.13.3 Hikvision Automotive Industrial Camera Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14 INDUSTRY CHAIN ANALYSIS

14.1 Automotive Industrial Camera Industry Chain Analysis

14.2 Automotive Industrial Camera Industry Raw Material and Suppliers Analysis

14.2.1 Automotive Industrial Camera Key Raw Material Supply Analysis

14.2.2 Raw Material Suppliers and Contact Information

14.3 Automotive Industrial Camera Typical Downstream Customers

14.4 Automotive Industrial Camera Sales Channel Analysis

15 RESEARCH FINDINGS AND CONCLUSION

16 METHODOLOGY AND DATA SOURCE

16.1 Methodology/Research Approach

16.2 Research Scope

16.3 Benchmarks and Assumptions

16.4 Data Source

16.4.1 Primary Sources

16.4.2 Secondary Sources

16.5 Data Cross Validation

16.6 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1: Global Automotive Industrial Camera Market Size Growth Rate by Type, 2024 VS 2025 VS 2032 (US\$ Million)
- Table 2: Global Automotive Industrial Camera Market Size Growth Rate by Application, 2024 VS 2025 VS 2032 (US\$ Million)
- Table 3: Automotive Industrial Camera Industry Development Status
- Table 4: Automotive Industrial Camera Industry Development Trends
- Table 5: Global Automotive Industrial Camera Market Size by Region in US\$ Million: 2024 VS 2025 VS 2032
- Table 6: Global Automotive Industrial Camera Revenue by Region (2020-2025) & (US\$ Million)
- Table 7: Global Automotive Industrial Camera Revenue Market Share by Region (2020-2025)
- Table 8: Global Automotive Industrial Camera Revenue Forecast by Region (2026-2032) & (US\$ Million)
- Table 9: Global Automotive Industrial Camera Revenue Market Share Forecast by Region (2026-2032)
- Table 10: Global Automotive Industrial Camera Sales by Region (2020-2025) & (K Unit)
- Table 11: Global Automotive Industrial Camera Sales Market Share by Region (2020-2025)
- Table 12: Global Automotive Industrial Camera Sales Forecast by Region (2026-2032) & (K Unit)
- Table 13: Global Automotive Industrial Camera Sales Market Share Forecast by Region (2026-2032)
- Table 14: Global Automotive Industrial Camera Revenue Analysis by Type (2020-2025) & (US\$ Million)
- Table 15: Global Automotive Industrial Camera Revenue Analysis Forecast by Type (2026-2032) & (US\$ Million)
- Table 16: Global Automotive Industrial Camera Sales Analysis by Type (2020-2025) & (K Unit)
- Table 17: Global Automotive Industrial Camera Sales Analysis Forecast by Type (2026-2032) & (K Unit)
- Table 18: Global Automotive Industrial Camera Revenue Analysis by Application (2020-2025) & (US\$ Million)
- Table 19: Global Automotive Industrial Camera Revenue Analysis Forecast by Application (2026-2032) & (US\$ Million)

Table 20: Global Automotive Industrial Camera Sales Analysis by Application (2020-2025) & (K Unit)

Table 21: Global Automotive Industrial Camera Sales Analysis Forecast by Application (2026-2032) & (K Unit)

Table 22: Key Automotive Industrial Camera Players in North America

Table 23: North America Automotive Industrial Camera Sales by Type (2020-2025) & (K Unit)

Table 24: North America Automotive Industrial Camera Sales by Type (2026-2032) & (K Unit)

Table 25: North America Automotive Industrial Camera Revenue by Type (2020-2025) & (US\$ Million)

Table 26: North America Automotive Industrial Camera Revenue by Type (2026-2032) & (US\$ Million)

Table 27: North America Automotive Industrial Camera Sales by Application (2020-2025) & (K Unit)

Table 28: North America Automotive Industrial Camera Sales by Application (2026-2032) & (K Unit)

Table 29: North America Automotive Industrial Camera Revenue by Application (2020-2025) & (US\$ Million)

Table 30: North America Automotive Industrial Camera Revenue by Application (2026-2032) & (US\$ Million)

Table 31: North America Automotive Industrial Camera Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 32: North America Automotive Industrial Camera Revenue Market Size by Country (2026-2032) & (US\$ Million)

Table 33: North America Automotive Industrial Camera Sales Market Size by Country (2020-2025) & (K Unit)

Table 34: North America Automotive Industrial Camera Sales Market Size by Country (2026-2032) & (K Unit)

Table 35: Key Automotive Industrial Camera Players in Europe

Table 36: Europe Automotive Industrial Camera Sales by Type (2020-2025) & (K Unit)

Table 37: Europe Automotive Industrial Camera Sales by Type (2026-2032) & (K Unit)

Table 38: Europe Automotive Industrial Camera Revenue by Type (2020-2025) & (US\$ Million)

Table 39: Europe Automotive Industrial Camera Revenue by Type (2026-2032) & (US\$ Million)

Table 40: Europe Automotive Industrial Camera Sales by Application (2020-2025) & (K Unit)

Table 41: Europe Automotive Industrial Camera Sales by Application (2026-2032) & (K Unit)

Unit)

Table 42: Europe Automotive Industrial Camera Revenue by Application (2020-2025) & (US\$ Million)

Table 43: Europe Automotive Industrial Camera Revenue by Application (2026-2032) & (US\$ Million)

Table 44: Europe Automotive Industrial Camera Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 45: Europe Automotive Industrial Camera Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 46: Europe Automotive Industrial Camera Sales Market Size by Country (2020-2025) & (K Unit)

Table 47: Europe Automotive Industrial Camera Sales Market Size Forecast by Country (2026-2032) & (K Unit)

Table 48: Key Automotive Industrial Camera Players in China

Table 49: China Automotive Industrial Camera Sales by Type (2020-2025) & (K Unit)

Table 50: China Automotive Industrial Camera Sales by Type (2026-2032) & (K Unit)

Table 51: China Automotive Industrial Camera Revenue by Type (2020-2025) & (US\$ Million)

Table 52: China Automotive Industrial Camera Revenue by Type (2026-2032) & (US\$ Million)

Table 53: China Automotive Industrial Camera Sales by Application (2020-2025) & (K Unit)

Table 54: China Automotive Industrial Camera Sales by Application (2026-2032) & (K Unit)

Table 55: China Automotive Industrial Camera Revenue by Application (2020-2025) & (US\$ Million)

Table 56: China Automotive Industrial Camera Revenue by Application (2026-2032) & (US\$ Million)

Table 57: Key Automotive Industrial Camera Players in APAC (excl. China)

Table 58: APAC (excl. China) Automotive Industrial Camera Sales by Type (2020-2025) & (K Unit)

Table 59: APAC (excl. China) Automotive Industrial Camera Sales by Type (2026-2032) & (K Unit)

Table 60: APAC (excl. China) Automotive Industrial Camera Revenue by Type (2020-2025) & (US\$ Million)

Table 61: APAC (excl. China) Automotive Industrial Camera Revenue by Type (2026-2032) & (US\$ Million)

Table 62: APAC (excl. China) Automotive Industrial Camera Sales by Application (2020-2025) & (K Unit)

Table 63: APAC (excl. China) Automotive Industrial Camera Sales by Application (2026-2032) & (K Unit)

Table 64: APAC (excl. China) Automotive Industrial Camera Revenue by Application (2020-2025) & (US\$ Million)

Table 65: APAC (excl. China) Automotive Industrial Camera Revenue by Application (2026-2032) & (US\$ Million)

Table 66: APAC (excl. China) Automotive Industrial Camera Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 67: APAC (excl. China) Automotive Industrial Camera Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 68: APAC (excl. China) Automotive Industrial Camera Sales Market Size by Country (2020-2025) & (K Unit)

Table 69: APAC (excl. China) Automotive Industrial Camera Sales Market Size Forecast by Country (2026-2032) & (K Unit)

Table 70: Key Automotive Industrial Camera Players in Latin America

Table 71: Latin America Automotive Industrial Camera Sales by Type (2020-2025) & (K Unit)

Table 72: Latin America Automotive Industrial Camera Sales by Type (2026-2032) & (K Unit)

Table 73: Latin America Automotive Industrial Camera Revenue by Type (2020-2025) & (US\$ Million)

Table 74: Latin America Automotive Industrial Camera Revenue by Type (2026-2032) & (US\$ Million)

Table 75: Latin America Automotive Industrial Camera Sales by Application (2020-2025) & (K Unit)

Table 76: Latin America Automotive Industrial Camera Sales by Application (2026-2032) & (K Unit)

Table 77: Latin America Automotive Industrial Camera Revenue by Application (2020-2025) & (US\$ Million)

Table 78: Latin America Automotive Industrial Camera Revenue by Application (2026-2032) & (US\$ Million)

Table 79: Latin America Automotive Industrial Camera Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 80: Latin America Automotive Industrial Camera Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 81: Latin America Automotive Industrial Camera Sales Market Size by Country (2020-2025) & (K Unit)

Table 82: Latin America Automotive Industrial Camera Sales Market Size Forecast by Country (2026-2032) & (K Unit)

- Table 83: Key Automotive Industrial Camera Players in Middle East & Africa
- Table 84: Middle East & Africa Automotive Industrial Camera Sales by Type (2020-2025) & (K Unit)
- Table 85: Middle East & Africa Automotive Industrial Camera Sales by Type (2026-2032) & (K Unit)
- Table 86: Middle East & Africa Automotive Industrial Camera Revenue by Type (2020-2025) & (US\$ Million)
- Table 87: Middle East & Africa Automotive Industrial Camera Revenue by Type (2026-2032) & (US\$ Million)
- Table 88: Middle East & Africa Automotive Industrial Camera Sales by Application (2020-2025) & (K Unit)
- Table 89: Middle East & Africa Automotive Industrial Camera Sales by Application (2026-2032) & (K Unit)
- Table 90: Middle East & Africa Automotive Industrial Camera Revenue by Application (2020-2025) & (US\$ Million)
- Table 91: Middle East & Africa Automotive Industrial Camera Revenue by Application (2026-2032) & (US\$ Million)
- Table 92: Middle East & Africa Automotive Industrial Camera Revenue Market Size by Country (2020-2025) & (US\$ Million)
- Table 93: Middle East & Africa Automotive Industrial Camera Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)
- Table 94: Middle East & Africa Automotive Industrial Camera Sales Market Size by Country (2020-2025) & (K Unit)
- Table 95: Middle East & Africa Automotive Industrial Camera Sales Market Size Forecast by Country (2026-2032) & (K Unit)
- Table 96: Global Automotive Industrial Camera Market Sales by Key Manufacturers (2021-2025) & (K Unit)
- Table 97: Global Automotive Industrial Camera Sales Market Share by Key Manufacturers (2021-2025)
- Table 98: Global Automotive Industrial Camera Market Revenue by Key Manufacturers (2021-2025) & (US\$ Million)
- Table 99: Global Automotive Industrial Camera Revenue Market Share by Key Manufacturers (2021-2025)
- Table 100: Global Average Sales Price by Manufacturers (2021-2025) & (USD/Unit)
- Table 101: Global Key Manufacturers Headquarter Location and Key Area Sales
- Table 102: Market Mergers & Acquisitions, Expansion
- Table 103: Basler Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 104: Basler Automotive Industrial Camera Product Portfolio

Table 105: Basler Automotive Industrial Camera Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 106: Teledyne DALSA Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 107: Teledyne DALSA Automotive Industrial Camera Product Portfolio

Table 108: Teledyne DALSA Automotive Industrial Camera Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 109: Baumer Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 110: Baumer Automotive Industrial Camera Product Portfolio

Table 111: Baumer Automotive Industrial Camera Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 112: Sony Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 113: Sony Automotive Industrial Camera Product Portfolio

Table 114: Sony Automotive Industrial Camera Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 115: Cognex Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 116: Cognex Automotive Industrial Camera Product Portfolio

Table 117: Cognex Automotive Industrial Camera Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 118: TKH Group (Allied Vision) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 119: TKH Group (Allied Vision) Automotive Industrial Camera Product Portfolio

Table 120: TKH Group (Allied Vision) Automotive Industrial Camera Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 121: Daheng Image Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 122: Daheng Image Automotive Industrial Camera Product Portfolio

Table 123: Daheng Image Automotive Industrial Camera Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 124: JAI Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 125: JAI Automotive Industrial Camera Product Portfolio

Table 126: JAI Automotive Industrial Camera Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 127: KEYENCE Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 128: KEYENCE Automotive Industrial Camera Product Portfolio

Table 129: KEYENCE Automotive Industrial Camera Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 130: Matrox Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 131: Matrox Automotive Industrial Camera Product Portfolio

Table 132: Matrox Automotive Industrial Camera Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 133: OMRON Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 134: OMRON Automotive Industrial Camera Product Portfolio

Table 135: OMRON Automotive Industrial Camera Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 136: Dahua Technology Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 137: Dahua Technology Automotive Industrial Camera Product Portfolio

Table 138: Dahua Technology Automotive Industrial Camera Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 139: Hikvision Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 140: Hikvision Automotive Industrial Camera Product Portfolio

Table 141: Hikvision Automotive Industrial Camera Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 142: Upstream Key Raw Material Price List

Table 143: Automotive Industrial Camera Raw Material Suppliers and Contact Information

Table 144: Automotive Industrial Camera Typical Customer List

Table 145: Automotive Industrial Camera Distributors List

List Of Figures

LIST OF FIGURES

Figure 1: Automotive Industrial Camera Product Pictures

Figure 2: Area Scan Cameras Picture Scope

Figure 3: Line Scan Cameras Picture Scope

Figure 4: Others Picture Scope

Figure 5: Robot Vision Picture Scope

Figure 6: Surface Detection Picture Scope

Figure 7: Welding Defect Inspection Picture Scope

Figure 8: Others Picture Scope

Figure 9: Global Automotive Industrial Camera Market Size Analysis: 2024 VS 2025 VS 2032 (US\$ Million)

Figure 10: Global Automotive Industrial Camera Market Revenue and Growth Rate Analysis: (2020-2032) & (US\$ Million)

Figure 11: Global Automotive Industrial Camera Market Sales and Growth Rate Analysis (2020-2032) & (K Unit)

Figure 12: Global Automotive Industrial Camera Market Price Trend Analysis (2020-2032) & (USD/Unit)

Figure 13: Global Automotive Industrial Camera Market Size by Region (2020-2032) & (US\$ Million)

Figure 14: Global Automotive Industrial Camera Market Share Scenario by Region in Percentage: 2025 Versus 2032

Figure 15: Global Automotive Industrial Camera Sales Price by Region (2020-2032) & (K Unit)

Figure 16: North America Automotive Industrial Camera Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 17: North America Automotive Industrial Camera Revenue Market Share by Players in 2024

Figure 18: North America Automotive Industrial Camera Sales Market Share by Type (2020-2032)

Figure 19: North America Automotive Industrial Camera Revenue Market Share by Type (2020-2032)

Figure 20: North America Automotive Industrial Camera Sales Market Share by Application (2020-2032)

Figure 21: North America Automotive Industrial Camera Revenue Market Share by Application (2020-2032)

Figure 22: US Automotive Industrial Camera Revenue (2020-2032) & (US\$ Million)

- Figure 23:Canada Automotive Industrial Camera Revenue (2020-2032) & (US\$ Million)
- Figure 24:Europe Automotive Industrial Camera Market Size and Growth Rate (2020-2032) & (US\$ Million)
- Figure 25:Europe Automotive Industrial Camera Revenue Market Share by Players in 2024
- Figure 26:Europe Automotive Industrial Camera Sales Market Share by Type (2020-2032)
- Figure 27:Europe Automotive Industrial Camera Revenue Market Share by Type (2020-2032)
- Figure 28:Europe Automotive Industrial Camera Sales Market Share by Application (2020-2032)
- Figure 29:Europe Automotive Industrial Camera Revenue Market Share by Application (2020-2032)
- Figure 30:Germany Automotive Industrial Camera Revenue (2020-2032) & (US\$ Million)
- Figure 31:France Automotive Industrial Camera Revenue (2020-2032) & (US\$ Million)
- Figure 32:United Kingdom Automotive Industrial Camera Revenue (2020-2032) & (US\$ Million)
- Figure 33:Italy Automotive Industrial Camera Revenue (2020-2032) & (US\$ Million)
- Figure 34:Spain Automotive Industrial Camera Revenue (2020-2032) & (US\$ Million)
- Figure 35:Benelux Automotive Industrial Camera Revenue (2020-2032) & (US\$ Million)
- Figure 36:China Automotive Industrial Camera Market Size and Growth Rate (2020-2032) & (US\$ Million)
- Figure 37:China Automotive Industrial Camera Revenue Market Share by Players in 2024
- Figure 38:China Automotive Industrial Camera Sales Market Share by Type (2020-2032)
- Figure 39:China Automotive Industrial Camera Revenue Market Share by Type (2020-2032)
- Figure 40:China Automotive Industrial Camera Sales Market Share by Application (2020-2032)
- Figure 41:China Automotive Industrial Camera Revenue Market Share by Application (2020-2032)
- Figure 42:APAC (excl. China) Automotive Industrial Camera Market Size and Growth Rate (2020-2032) & (US\$ Million)
- Figure 43:APAC (excl. China) Automotive Industrial Camera Revenue Market Share by Players in 2024
- Figure 44:APAC (excl. China) Automotive Industrial Camera Sales Market Share by Type (2020-2032)

Figure 45:APAC (excl. China) Automotive Industrial Camera Revenue Market Share by Type (2020-2032)

Figure 46:APAC (excl. China) Automotive Industrial Camera Sales Market Share by Application (2020-2032)

Figure 47:APAC (excl. China) Automotive Industrial Camera Revenue Market Share by Application (2020-2032)

Figure 48:Japan Automotive Industrial Camera Revenue (2020-2032) & (US\$ Million)

Figure 49:South Korea Automotive Industrial Camera Revenue (2020-2032) & (US\$ Million)

Figure 50:India Automotive Industrial Camera Revenue (2020-2032) & (US\$ Million)

Figure 51:Australia Automotive Industrial Camera Revenue (2020-2032) & (US\$ Million)

Figure 52:Southeast Asia Automotive Industrial Camera Revenue (2020-2032) & (US\$ Million)

Figure 53:Latin America Automotive Industrial Camera Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 54:Latin America Automotive Industrial Camera Revenue Market Share by Players in 2024

Figure 55:Latin America Automotive Industrial Camera Sales Market Share by Type (2020-2032)

Figure 56:Latin America Automotive Industrial Camera Revenue Market Share by Type (2020-2032)

Figure 57:Latin America Automotive Industrial Camera Sales Market Share by Application (2020-2032)

Figure 58:Latin America Automotive Industrial Camera Revenue Market Share by Application (2020-2032)

Figure 59:Mexico Automotive Industrial Camera Revenue (2020-2032) & (US\$ Million)

Figure 60:Brazil Automotive Industrial Camera Revenue (2020-2032) & (US\$ Million)

Figure 61:Middle East & Africa Automotive Industrial Camera Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 62:Middle East & Africa Automotive Industrial Camera Revenue Market Share by Players in 2024

Figure 63:Middle East & Africa Automotive Industrial Camera Sales Market Share by Type (2020-2032)

Figure 64:Middle East & Africa Automotive Industrial Camera Revenue Market Share by Type (2020-2032)

Figure 65:Middle East & Africa Automotive Industrial Camera Sales Market Share by Application (2020-2032)

Figure 66:Middle East & Africa Automotive Industrial Camera Revenue Market Share by Application (2020-2032)

Figure 67: Saudi Arabia Automotive Industrial Camera Revenue (2020-2032) & (US\$ Million)

Figure 68: South Africa Automotive Industrial Camera Revenue (2020-2032) & (US\$ Million)

Figure 69: Global Automotive Industrial Camera Sales Market Share by Key Manufacturers in 2024

Figure 70: Global Automotive Industrial Camera Revenue Market Share by Key Manufacturers in 2024

Figure 71: Global Automotive Industrial Camera Industry Competition Landscape

Figure 72: Automotive Industrial Camera Industry Chain Analysis

Figure 73: Bottom-Up and Top-Down Research Methods

Figure 74: Key Interview Objectives

Figure 75: Data Cross Validation

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