

Global Industrial Machine Vision  
Camera Market: Analysis By Type  
(Area Scan, Line Scan), End User  
(Manufacturing, Automotive,  
Healthcare And Others), By Region  
Size And Trends With Impact Of  
COVID-19 And Forecast Up To  
2028

March 2023



# Global Industrial Machine Vision Camera Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Analysis

Impact of COVID

Dynamics

Competitive Landscape

Company Profiling

# Global Industrial Machine Vision Camera Market: Coverage

## Scope of the Report

Attributes	Details
Title	Global Industrial Machine Vision Camera Market: Analysis By Type (Area Scan, Line Scan), By End User (Manufacturing, Automotive, Healthcare And Others), By Region Size And Trends With Impact Of COVID-19 And Forecast Up To 2028
Coverage	Global and Regional
Regional Coverage	Asia Pacific (China, Japan, India, South Korea and Rest of Asia Pacific), North America (The US, Mexico, and Canada), Europe (UK, Germany, France and Rest of Europe) and Rest of the World
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2023-2028
Competition in the Market	Concentrated
Key Players	Keyence Corporation, Teledyne Technologies Incorporated, Cognex Corporation, TKH Group, Basler AG, IDS Imaging Development Systems GmbH, Toshiba Corporation, Omron Corporation, Baumer Holding AG, Sony Corporation, Jai A/S, Hikrobot

# Global Industrial Machine Vision Camera Market: Coverage

## Executive Summary

Industrial machine vision cameras are specialized cameras designed for use in industrial automation and quality control applications. These cameras are typically used in manufacturing plants, warehouses, and other industrial settings to capture images of products, components, and other objects. The global industrial machine vision camera market was valued at US\$2.84 billion in 2022 and is projected to reach US\$4.26 billion by 2028, growing at a CAGR of 7.05% over the projected period of 2023-2028.

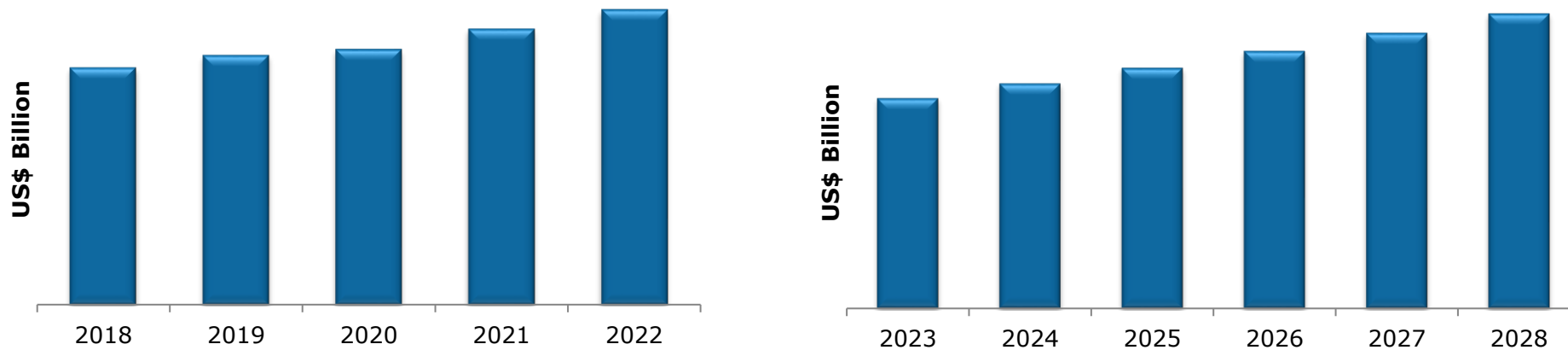
The industrial machine vision camera market can be segmented on the basis of type (area scan and line scan). Area scan segment held a dominant share in industrial machine vision camera market in 2022 owing to its better image quality, faster inspection speeds, and more accurate measurements. The industrial machine vision camera market can also be segmented on the basis of end user (automotive, healthcare, manufacturing and others). Manufacturing segment held a dominant share in industrial machine vision camera market in 2022 as they help to improve product quality, reduce defects and waste, increase production efficiency, and enhance safety in manufacturing environments.

The COVID-19 pandemic has had a significant impact on the global industrial machine vision camera market. The pandemic has disrupted the global supply chain and led to the closure of manufacturing plants and factories, which has affected the demand for machine vision cameras. The pandemic has led to a decrease in demand for industrial machine vision cameras as companies have cut back on capital expenditures due to economic uncertainty. Many companies have postponed or canceled projects that would have required machine vision cameras.

The global industrial machine vision camera market has increased in 2022 and projections are made that the market would rise in the next five years i.e. 2023-2028 tremendously. There is a rapid growth of industrial machine vision in recent years owing to growing adoption of artificial intelligence, surge in adoption of industrial robots, growing adoption of industry 4.0, use of 3D machine vision and increasing adoption of industrial machine vision cameras in various industries. Yet the market faces some challenges such as, high cost of industrial machine vision camera, etc.

# Industrial Machine Vision Camera Market: Global Analysis

## Global Industrial Machine Vision Camera Market by Value



CAGR	
2023-2028	xx%

Global industrial machine vision camera market valued at US\$... billion in 2022, increased as compared to US\$... billion in 2021. Global industrial machine vision camera market is anticipated to reach up to US\$... billion by 2028, at a CAGR of ....%, from US\$... billion in 2023.

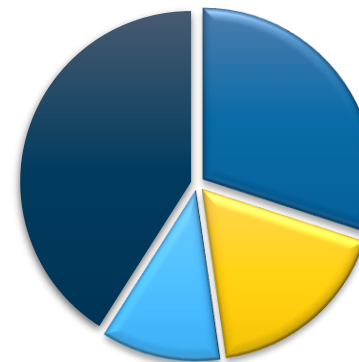
# Industrial Machine Vision Camera Market: Global Analysis

Global Industrial Machine Vision Camera Market by Type; 2022



Type	Share
Area Scan	xx%
Line Scan	xx%

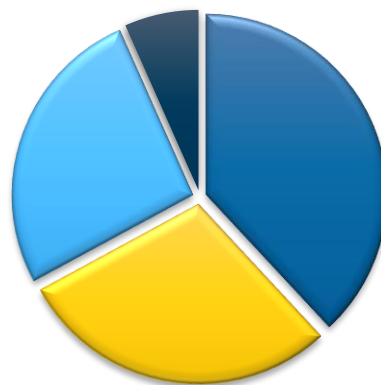
Global Industrial Machine Vision Camera Market by End User; 2022



End User	Share
Manufacturing	xx%
Automotive	xx%
Healthcare	xx%
Others	xx%

# Industrial Machine Vision Camera Market: Global Analysis

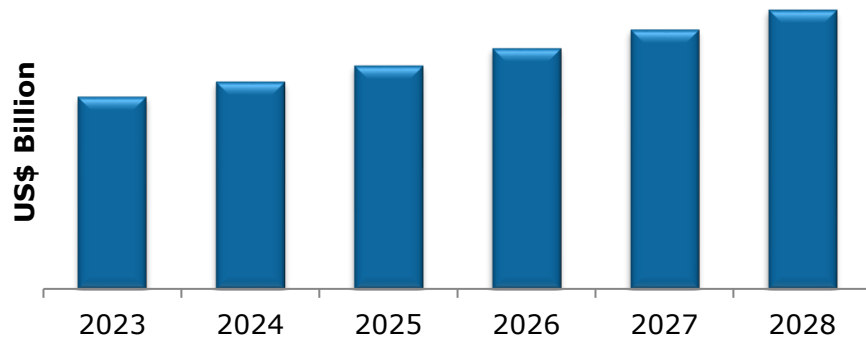
**Global Industrial Machine Vision Camera Market by Region; 2022**



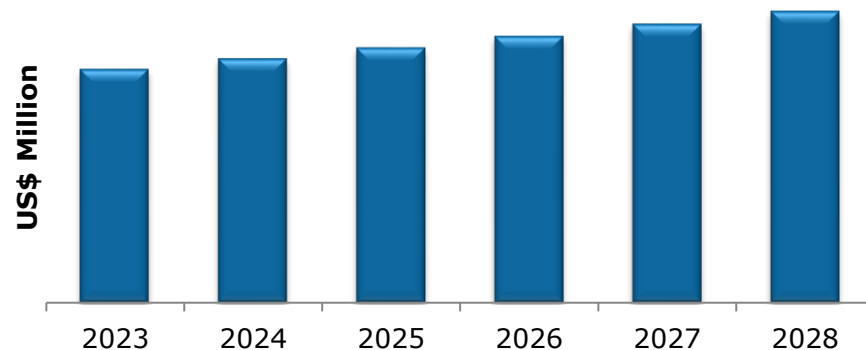
Region	Share
North America	xx%
Europe	xx%
Asia Pacific	xx%
Rest of World	xx%

# Global Industrial Machine Vision Camera Market: Type Analysis

## Global Area Scan Industrial Machine Vision Camera Market by Value



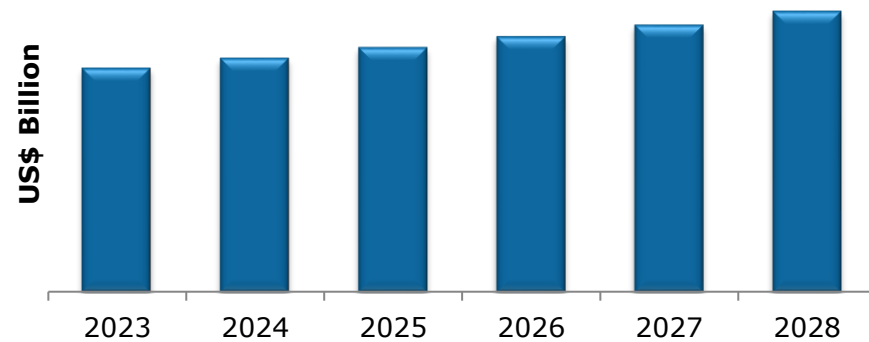
## Global Line Scan Industrial Machine Vision Camera Market by Value



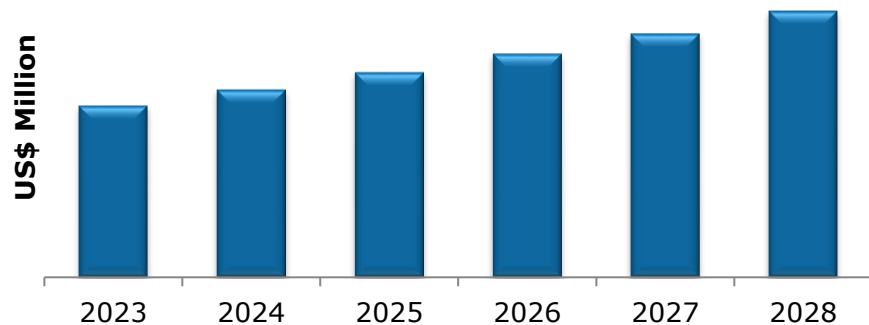
Type	CAGR (2023-2028)
Area Scan	xx%
Line Scan	xx%

# Global Industrial Machine Vision Camera Market: End User Analysis

## Global Manufacturing Industrial Machine Vision Camera Market by Value



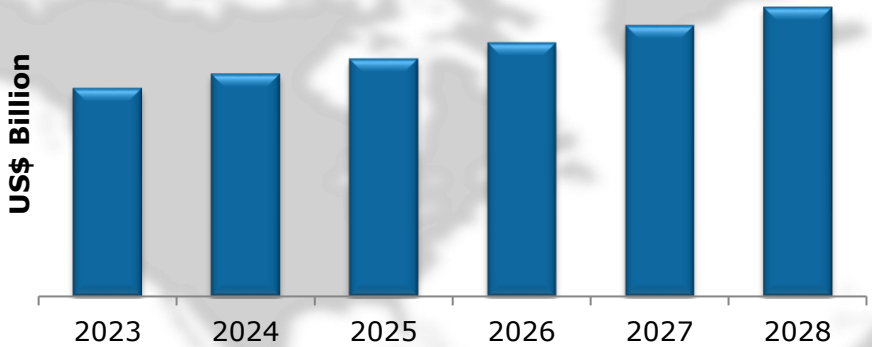
## Global Automotive Industrial Machine Vision Camera Market by Value



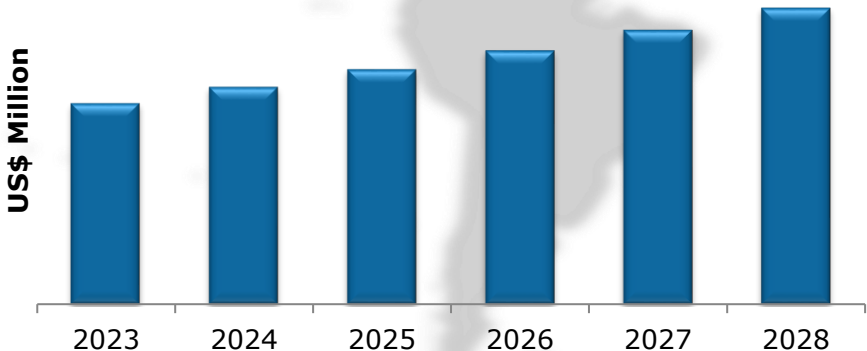
End User	Share
Manufacturing	xx%
Automotive	xx%
Healthcare	xx%
Others	xx%

# Industrial Machine Vision Camera Market: Regional Analysis

### North America Industrial Machine Vision Camera Market by Value



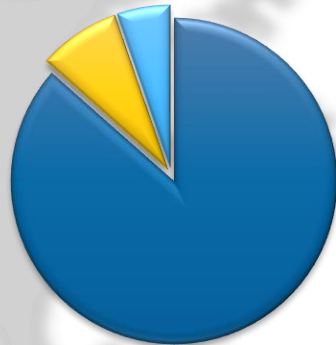
### Asia Pacific Industrial Machine Vision Camera Market by Value



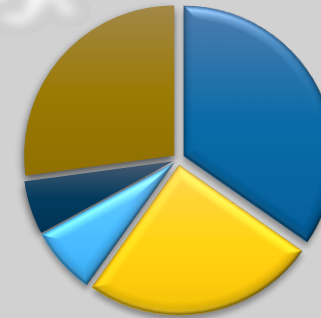
Regions	CAGR
	(2023-2028)
North America	xx%
Europe	xx%
Asia Pacific	xx%
Rest of the World	xx%

# Industrial Machine Vision Camera Market: Regional Analysis

North America Industrial Machine Vision Camera Market by Region; 2022



Asia Pacific Industrial Machine Vision Camera Market by Region; 2022

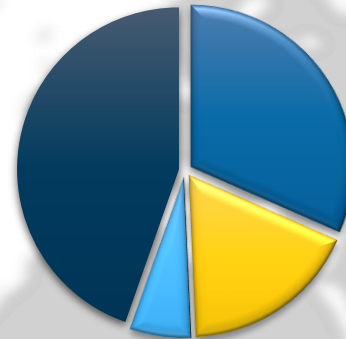


Region	Share	CAGR (2023-2028)
The US	xx%	xx%
Canada	xx%	xx%
Mexico	xx%	xx%

Region	Share	CAGR (2023-2028)
China	xx%	xx%
Japan	xx%	xx%
South Korea	xx%	xx%
India	xx%	xx%
Rest of Asia Pacific	xx%	xx%

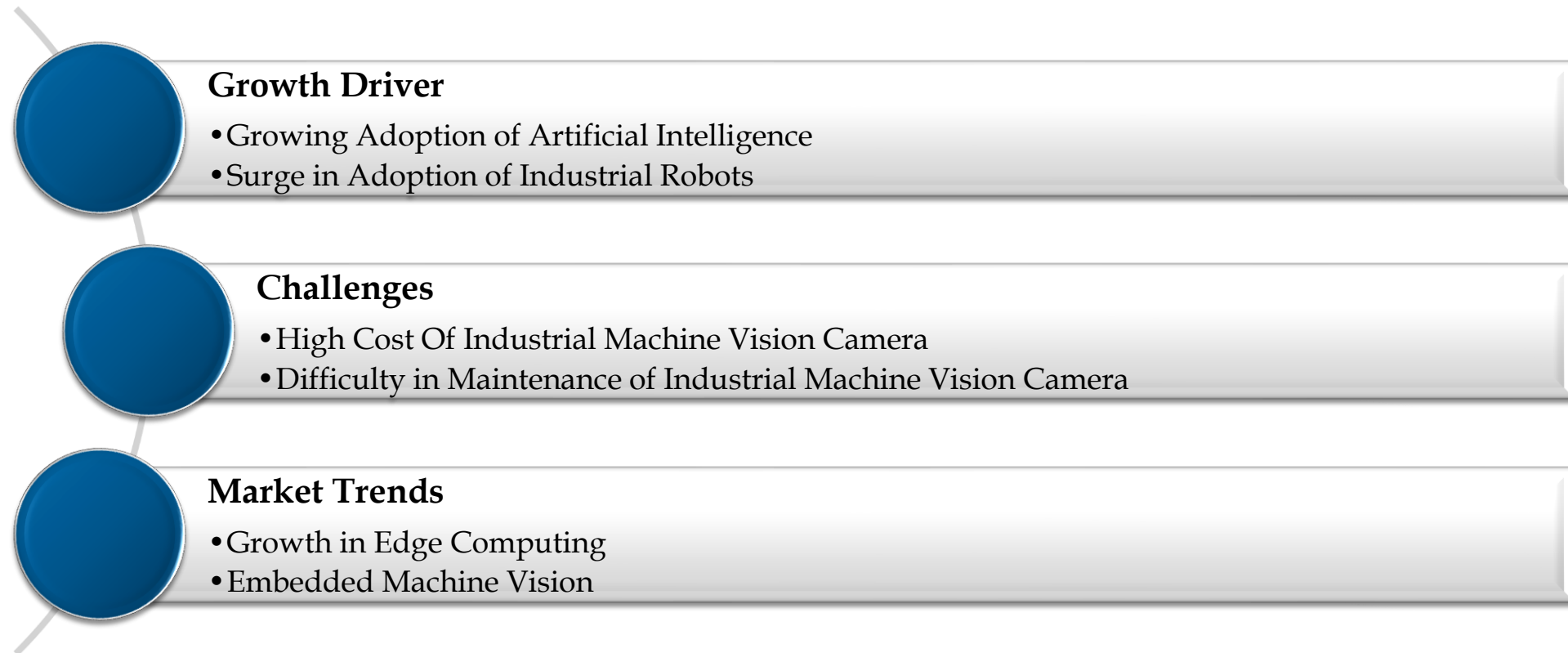
# Industrial Machine Vision Camera Market: Regional Analysis

Europe Industrial Machine Vision Camera Market by Region; 2022



Region	Share	CAGR (2023-2028)
Germany	xx%	xx%
UK	xx%	xx%
France	xx%	xx%
Rest of Europe	xx%	xx%

# Global Industrial Machine Vision Camera Market: Dynamics



# Global Industrial Machine Vision Camera Market: Competitive Landscape

## Players Profiled

- Keyence Corporation
- Teledyne Technologies Incorporated
- Cognex Corporation
- TKH Group
- Basler AG
- IDS Imaging Development Systems GmbH
- Toshiba Corporation

- Omron Corporation
- Baumer Holding AG
- Sony Corporation
- Jai A/S
- Hikrobot

## Global Industrial Machine Vision Camera Market By Key Players; 2022 (Percentage, %)

