

# Global Black and White Industrial Camera Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Black and White Industrial Camera market size was valued at US\$ 517 million in 2024 and is forecast to a readjusted size of USD 783 million by 2031 with a CAGR of 6.1% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

A black and white industrial camera is an imaging device that captures only light intensity and produces monochrome grayscale images. It offers high sensitivity, resolution, and excellent detail performance, making it ideal for applications such as precision measurement, defect inspection, and object recognition. Without color filtering, it achieves higher light sensitivity and stronger contrast than color cameras, making it especially suitable for low-light environments or tasks requiring high image clarity.

This report is a detailed and comprehensive analysis for global Black and White Industrial Camera market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

## Key Features:

Global Black and White Industrial Camera market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Black and White Industrial Camera market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Black and White Industrial Camera market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Black and White Industrial Camera market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

### **The Primary Objectives in This Report Are:**

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Black and White Industrial Camera
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Black and White Industrial Camera market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Basler AG, Teledyne, Sony, TKH Group, FLIR Systems, Inc., Cognex Corporation, Toshiba Teli, Baumer Holding AG, Hikvision, Dahua Technology, etc.

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

### **Market Segmentation**

Black and White Industrial Camera market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

## Market segment by Type

Area Scan Camera

Line Scan Camera

## Market segment by Application

Security and Surveillance

Industrial Inspection and Quality Control

Aerial Imaging and Mapping

Others

## Major players covered

Basler AG

Teledyne

Sony

TKH Group

FLIR Systems, Inc.

Cognex Corporation

Toshiba Teli

Baumer Holding AG

Hikvision

Dahua Technology

IDS

Jai

CIS Corporation

Omron

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Black and White Industrial Camera product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Black and White Industrial Camera, with price, sales quantity, revenue, and global market share of Black and White Industrial Camera from 2020 to 2025.

Chapter 3, the Black and White Industrial Camera competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Black and White Industrial Camera breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Black and White Industrial Camera market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces

analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Black and White Industrial Camera.

Chapter 14 and 15, to describe Black and White Industrial Camera sales channel, distributors, customers, research findings and conclusion.

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