

Automation Industrial Monitors Market Outlook 2025-2034: Market Share, and Growth Analysis By Type (Screen Size Below 12, Screen Size Between 12-17, Screen Size Above 17), By Application (Process Industries, Discrete Industries), By End User

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Abstracts

The Automation Industrial Monitors Market is valued at USD 3.2 billion in 2025 and is projected to grow at a CAGR of 8.7% to reach USD 6.8 billion by 2034. The Automation Industrial Monitors Market is a crucial segment within the industrial automation ecosystem, providing ruggedized, high-performance displays that facilitate real-time monitoring and control. These monitors are essential in diverse sectors, from manufacturing and energy to transportation and logistics, where durability, clarity, and functionality are paramount. Designed to withstand harsh environmental conditions and ensure seamless operation, industrial monitors enable operators to track processes, identify anomalies, and maintain productivity. The market witnessed notable advancements, including the introduction of multi-touch capabilities, enhanced resolution, and more energy-efficient designs. Vendors focused on developing modular displays that could be easily integrated into various automation systems. Additionally, the growing adoption of IoT and edge computing prompted the demand for smarter industrial monitors capable of displaying real-time analytics and predictive insights. As industries placed greater emphasis on user-friendly interfaces, suppliers rolled out monitors with intuitive controls, increased connectivity options, and advanced networking capabilities. The Automation Industrial Monitors Market is expected to grow further, driven by ongoing digital transformation initiatives and the rise of Industry 4.0. As businesses seek to streamline operations and reduce downtime, the demand for high-quality, reliable industrial monitors will remain strong. Emerging technologies, such as augmented reality (AR) integration and 5G connectivity, are likely to reshape the market, offering enhanced visualization, improved communication, and greater

flexibility. These innovations will ensure the continued relevance and importance of industrial monitors in complex, fast-paced industrial environments.

Key Insights Automation Industrial Monitors Market

Increased adoption of high-resolution, multi-touch displays for improved usability and precision.

Integration of real-time analytics and IoT connectivity within industrial monitors.

Development of modular, energy-efficient displays tailored to specific industrial needs.

Enhanced durability and environmental resistance for monitors used in harsh conditions.

Emergence of AR-integrated monitors for more immersive and intuitive control experiences.

Drivers:

Rising demand for real-time process visibility and control in industrial operations.

Growing adoption of Industry 4.0 practices and IoT-enabled automation systems.

Need for rugged, reliable displays capable of operating in extreme environments.

Increasing focus on productivity improvements and reduced downtime through advanced monitoring solutions.

Challenges:

High costs associated with advanced industrial monitors and their integration into existing systems.

Automation Industrial Monitors Market Segmentation

By Type

Screen Size Below 12

Screen Size Between 12-17

Screen Size Above 17

By Application

Process Industries

Discrete Industries

By End User

Automotive

Manufacturing

Electronic And Electrical

Other End-Users

Key Companies Analysed

Siemens AG

Mitsubishi Electric Corporation

Honeywell International Inc.

ABB Group

Eaton Corporation plc

Emerson Electric Co.

Rockwell Automation Inc.

Danfoss A/S

Omron Corporation

FANUC Corporation

SMC Corporation

Yaskawa Electric Corporation

Festo AG & Co. KG

KUKA AG

Yokogawa Electric Corporation

Advantech Co. Ltd.

National Instruments Corporation

OmniVision Technologies Inc.

Beckhoff Automation GmbH & Co. KG

Kontron S&T AG

Barco NV

Pepperl+Fuchs GmbH

Sparton Corporation

AAEON Technology Inc.

Axiomtek Co. Ltd.

Edge Electronics LLC

RGB Spectrum

Computer Dynamics (CIMTEC Automation)

Hope Industrial Systems Inc.

Automation Industrial Monitors Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Automation Industrial Monitors Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Automation Industrial Monitors market data and outlook to 2034

United States

Canada

Mexico

Europe — Automation Industrial Monitors market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Automation Industrial Monitors market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Automation Industrial Monitors market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Automation Industrial Monitors market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Automation Industrial Monitors value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Automation Industrial Monitors industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Automation Industrial Monitors Market Report

Global Automation Industrial Monitors market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Automation Industrial Monitors trade, costs, and supply chains

Automation Industrial Monitors market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Automation Industrial Monitors market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Automation Industrial Monitors market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Automation Industrial Monitors supply chain analysis

Automation Industrial Monitors trade analysis, Automation Industrial Monitors market price analysis, and Automation Industrial Monitors supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Automation Industrial Monitors market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

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