

AI In Video Surveillance Market Size, Share & Trend Analysis Report By Offering, By Deployment, By End-use, By Use Cases, By Region, And Segment Forecasts, 2024 - 2030

<https://marketpublishers.com/r/A78590C45CD4EN.html>

Date: July 2024

Pages: 150

Price: US\$ 4,950.00 (Single User License)

ID: A78590C45CD4EN

Abstracts

This report can be delivered to the clients within 5 Business Days

AI in Video Surveillance Market Growth & Trends

The global AI in video surveillance market size is expected to reach USD 28.76 billion by 2030, registering growth at a CAGR of 28.1% from 2024 to 2030 according to a new report by Grand View Research, Inc. Rapid advancements in deep learning and computer vision technologies have significantly improved the accuracy and capabilities of AI-powered video analytics. These technologies enable features like facial recognition, object detection, and behavior analysis, which are increasingly being integrated into video surveillance systems to enhance security and operational efficiency. Deep learning algorithms can analyze video footage in real time, detecting and identifying individuals, vehicles, and other objects with a high degree of accuracy. Computer vision techniques, such as object tracking and motion analysis, allow video surveillance systems to monitor and analyze complex scenes, providing valuable insights that can be used to improve security, optimize operations, and enhance decision-making.

Technological advancements have resulted in highly specialized surveillance cameras that can be programmed to zoom in and scan items, such as harmful equipment. These factors are driving the market for AI in video surveillance hardware. The development of high-resolution, low-light, and weatherproof cameras with advanced features like object tracking, facial recognition, and license plate recognition has

significantly improved the capabilities of video surveillance systems. In addition, the integration of AI and machine learning algorithms into camera hardware has enabled real-time analytics and intelligent decision-making at the edge, reducing the need for constant data transmission to centralized servers or the cloud.

The North America AI-driven video surveillance market is expected to witness significant growth, driven by the increasing adoption of AI-powered surveillance systems. AI-driven video analytics can analyze vast amounts of video data in real time, enabling faster and more accurate threat detection and response. This trend is driven by the growing need for enhanced security and surveillance capabilities in various industries, including retail, healthcare, and finance. As a result, AI-powered surveillance systems are becoming increasingly popular among organizations seeking to improve their security and operational efficiency.

AI In Video Surveillance Market Report Highlights

AI-driven video surveillance systems can analyze patterns of behavior over time to predict potential security threats or operational inefficiencies. By learning from historical data, these systems can detect unusual behaviors or trends that may indicate a security breach or operational issue before it escalates, enabling proactive intervention.

The hardware segment led the market and accounted for 41.9% of the global revenue in 2023. AI is increasingly being integrated with hardware components in video surveillance systems to enhance performance, efficiency, and capabilities. This integration spans across various aspects of surveillance hardware, including cameras, processors, and storage devices.

AI-powered video surveillance is surging in the commercial sector due to its enhanced security, operational efficiency, and cost-effectiveness. This trend is driven by growing security concerns, advancements in AI, and the affordability of cloud-based solutions.

North America dominated the market and accounted for a 33.8% share in 2023. This is due to a heightened focus on security, with AI providing businesses and governments with real-time

threat detection and advanced analytical capabilities. Further propelling this trend is the region's concentration of technology companies and the rise of smart city initiatives. As a result, AI in vide%li%surveillance is rapidly becoming an essential element of North American security infrastructure.

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation and Scope
- 1.2. Research Methodology
 - 1.2.1. Information Procurement
- 1.3. Information or Data Analysis
- 1.4. Methodology
- 1.5. Research Scope and Assumptions
- 1.6. Market Formulation & Validation
- 1.7. Country Based Segment Share Calculation
- 1.8. List of Data Sources

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook
- 2.2. Segment Outlook
- 2.3. Competitive Insights

CHAPTER 3. AI IN VIDEO SURVEILLANCE MARKET VARIABLES, TRENDS, & SCOPE

- 3.1. Market Lineage Outlook
- 3.2. Market Dynamics
 - 3.2.1. Market Driver Analysis
 - 3.2.2. Market Restraint Analysis
 - 3.2.3. Industry Challenge
 - 3.2.4. Industry Opportunities
- 3.3. AI in Video Surveillance Market Analysis Tools
 - 3.3.1. Industry Analysis – Porter's
 - 3.3.1.1. Bargaining power of the suppliers
 - 3.3.1.2. Bargaining power of the buyers
 - 3.3.1.3. Threats of substitution
 - 3.3.1.4. Threats from new entrants
 - 3.3.1.5. Competitive rivalry
 - 3.3.2. PESTEL Analysis
 - 3.3.2.1. Political landscape
 - 3.3.2.2. Economic and Social landscape

3.3.2.3. Technological landscape

CHAPTER 4. AI IN VIDEO SURVEILLANCE MARKET: OFFERING ESTIMATES & TREND ANALYSIS

4.1. Segment Dashboard

4.2. AI in Video Surveillance market: Offering Movement Analysis, 2023 & 2030 (USD Million)

4.3. Software

4.3.1. Software Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

4.4. Hardware

4.4.1. Hardware Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

4.5. Services

4.5.1. Services Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

CHAPTER 5. AI IN VIDEO SURVEILLANCE MARKET: DEPLOYMENT ESTIMATES & TREND ANALYSIS

5.1. Segment Dashboard

5.2. AI in Video Surveillance market: Deployment Movement Analysis, 2023 & 2030 (USD Million)

5.3. On premises

5.3.1. On premises AI in Video Surveillance Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

5.4. Cloud

5.4.1. Cloud AI in Video Surveillance Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

CHAPTER 6. AI IN VIDEO SURVEILLANCE MARKET: END USE ESTIMATES & TREND ANALYSIS

6.1. Segment Dashboard

6.2. AI in Video Surveillance market: End Use Movement Analysis, 2023 & 2030 (USD Million)

6.3. Commercial

6.3.1. Commercial AI in Video Surveillance Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

6.4. Residential

6.4.1. Residential AI in Video Surveillance Market Revenue Estimates and Forecasts,

2017 - 2030 (USD Million)

6.5. Military & Defense

6.5.1. Military & Defense AI in Video Surveillance Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

6.6. Government & Public Facilities

6.6.1. Government & Public Facilities AI in Video Surveillance Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

6.7. Industrial

6.7.1. Industrial AI in Video Surveillance Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

CHAPTER 7. AI IN VIDEO SURVEILLANCE MARKET: USE CASES ESTIMATES & TREND ANALYSIS

7.1. Segment Dashboard

7.2. AI in Video Surveillance market: Use Cases Movement Analysis, 2023 & 2030 (USD Million)

7.3. Weapon Detection

7.3.1. Weapon Detection AI in Video Surveillance Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

7.4. Facial recognition

7.4.1. Facial recognition AI in Video Surveillance Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

7.5. Intrusion detection

7.5.1. Intrusion detection AI in Video Surveillance Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

7.6. Smoke & Fire Detection

7.6.1. Smoke & Fire Detection AI in Video Surveillance Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

7.7. Traffic Flow Analysis

7.7.1. Traffic Flow Analysis AI in Video Surveillance Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

7.8. Parking Monitoring

7.8.1. Parking Monitoring AI in Video Surveillance Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

7.9. Vehicle Identification

7.9.1. Vehicle Identification AI in Video Surveillance Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

7.10. Others (Anomaly detection and Behavior Recognition, Object detection and

tracking, Industrial Temperature Monitoring)

7.10.1. Others (Anomaly detection and Behavior Recognition, Object detection and tracking, Industrial Temperature Monitoring) AI in Video Surveillance Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

CHAPTER 8. AI IN VIDEO SURVEILLANCE MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

8.1. AI in Video Surveillance Market Share, By Region, 2023 & 2030 (USD Million)

8.2. North America

8.2.1. North America AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.2.2. U.S.

8.2.2.1. U.S. AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.2.3. Canada

8.2.3.1. Canada AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.2.4. Mexico

8.2.4.1. Mexico AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.3. Europe

8.3.1. Europe AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.3.2. UK

8.3.2.1. UK AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.3.3. Germany

8.3.3.1. Germany AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.3.4. France

8.3.4.1. France AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.4. Asia Pacific

8.4.1. Asia Pacific AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.4.2. China

8.4.2.1. China AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.4.3. Japan

8.4.3.1. Japan AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.4.4. India

8.4.4.1. India AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.4.5. South Korea

8.4.5.1. South Korea AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.4.6. Australia

8.4.6.1. Australia AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.5. Latin America

8.5.1. Latin America AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.5.2. Brazil

8.5.2.1. Brazil AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.6. Middle East and Africa

8.6.1. Middle East and Africa AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.6.2. UAE

8.6.2.1. UAE AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.6.3. KSA

8.6.3.1. KSA AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.6.4. South Africa

8.6.4.1. South Africa AI in Video Surveillance Market Estimates and Forecasts, 2017 - 2030 (USD Million)

CHAPTER 9. COMPETITIVE LANDSCAPE

9.1. Company Categorization

9.2. Company Market Positioning

9.3. Participant's Overview

9.4. Financial Performance

9.5. Product Benchmarking

9.6. Company Heat Map Analysis

9.7. Strategy Mapping

9.8. Company Profiles/Listing

- 9.8.1. Teledyne Technologies Incorporated
- 9.8.2. Axis Communications AB
- 9.8.3. Bosch Security and Safety Systems GmbH
- 9.8.4. Genetec Inc.
- 9.8.5. Honeywell International Inc.
- 9.8.6. Huawei Technologies Co. Ltd.
- 9.8.7. Ivideo
- 9.8.8. Milestone Systems A/S
- 9.8.9. NEC Corporation
- 9.8.10. Panasonic Corporation
- 9.8.11. Sensen.ai
- 9.8.12. VIVOTEK Inc.

List Of Tables

LIST OF TABLES

Table 1 Global AI in Video Surveillance market by Offering, 2017 - 2030 (USD Million)

Table 2 Global AI in Video Surveillance market by Deployment, 2017 - 2030 (USD Million)

Table 3 Global AI in Video Surveillance market by End Use, 2017 - 2030 (USD Million)

Table 4 Global AI in Video Surveillance market by Use Cases, 2017 - 2030 (USD Million)

Table 5 Global AI in Video Surveillance market by region, 2017 - 2030 (USD Million)

Table 6 North America AI in Video Surveillance market by country, 2017 - 2030 (USD Million)

Table 7 Europe AI in Video Surveillance market by country, 2017 - 2030 (USD Million)

Table 8 Asia Pacific AI in Video Surveillance market by country, 2017 - 2030 (USD Million)

Table 9 Latin America AI in Video Surveillance market by country, 2017 - 2030 (USD Million)

Table 10 MEA AI in Video Surveillance market by country, 2017 - 2030 (USD Million)

Table 11 Key companies launching new products/services

Table 12 Key companies engaged in mergers & acquisition

Table 13 Key companies engaged in Research & development

Table 14 Key Companies engaged in expansion

List Of Figures

LIST OF FIGURES

1. Muffins market snapshot
2. Muffins market segmentation & scope
3. Muffins market penetration & growth prospect mapping
4. Muffins market value chain analysis
5. Muffins market dynamics
6. Muffins market Porter's Five Forces analysis
7. Muffins market: Type movement analysis, 2023 & 2030 (%)
8. Packaged muffins market estimates and forecast, 2018 - 2030 (USD Billion)
9. In-store muffins market estimates and forecast, 2018 - 2030 (USD Billion)
10. Muffins market: Taste movement analysis, 2023 & 2030 (%)
11. Sweet muffins market estimates and forecast, 2018 - 2030 (USD Billion)
12. Savoury muffins market estimates and forecast, 2018 - 2030 (USD Billion)
13. Muffins market: Distribution channel movement analysis, 2023 & 2030 (%)
14. Muffins market estimates and forecast, through hypermarkets & supermarkets, 2018 - 2030 (USD Billion)
15. Muffins market estimates and forecast, through convenience stores, 2018-2030 (USD Billion)
16. Muffins market estimates and forecast, through online, 2018-2030 (USD Billion)
17. Muffins market estimates and forecast, through specialty stores, 2018-2030 (USD Billion)
18. Muffins market: regional movement analysis, 2023 & 2030 (%)
19. North America muffins market estimates and forecast, 2018 - 2030 (USD Billion)
20. U.S. muffins market estimates and forecast, 2018 - 2030 (USD Billion)
21. Canada muffins market estimates and forecast, 2018 - 2030 (USD Billion)
22. Mexico muffins market estimates and forecast, 2018 - 2030 (USD Billion)
23. Europe muffins market estimates and forecast, 2018 - 2030 (USD Billion)
24. Germany muffins market estimates and forecast, 2018 - 2030 (USD Billion)
25. U.K. muffins market estimates and forecast, 2018 - 2030 (USD Billion)
26. Spain muffins market estimates and forecast, 2018 - 2030 (USD Billion)
27. Italy muffins market estimates and forecast, 2018 - 2030 (USD Billion)
28. France muffins market estimates and forecast, 2018 - 2030 (USD Billion)
29. Asia Pacific muffins market estimates and forecast, 2018 - 2030 (USD Billion)
30. China muffins market estimates and forecast, 2018 - 2030 (USD Billion)
31. India muffins market estimates and forecast, 2018 - 2030 (USD Billion)

32. Japan muffins market estimates and forecast, 2018 - 2030 (USD Billion)
33. South Korea muffins market estimates and forecast, 2018 - 2030 (USD Billion)
34. Australia & New Zealand muffins market estimates and forecast, 2018 - 2030 (USD Billion)
35. Central & South America muffins market estimates and forecast, 2018 - 2030 (USD Billion)
36. Brazil muffins market estimates and forecast, 2018 - 2030 (USD Billion)
37. Middle East & Africa muffins market estimates and forecast, 2018 - 2030 (USD Billion)
38. UAE muffins market estimates and forecast, 2018 - 2030 (USD Billion)

I would like to order

Product name: AI In Video Surveillance Market Size, Share & Trend Analysis Report By Offering, By Deployment, By End-use, By Use Cases, By Region, And Segment Forecasts, 2024 - 2030

Product link: <https://marketpublishers.com/r/A78590C45CD4EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A78590C45CD4EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970