

Video Surveillance Storage Market Size, Share, Competitive Landscape, and Trend Analysis Report by Component, Storage Media, Enterprise Size, Industry Vertical: Global Opportunity Analysis and Industry Forecast, 2022-2032

<https://marketpublishers.com/r/VA92AC211DBAEN.html>

Date: January 2025

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: VA92AC211DBAEN

Abstracts

The global video surveillance storage market was valued at USD 8.99 billion in 2023 and is projected to reach USD 14.81 billion by 2032, expanding at a CAGR of 5.7% from 2024 to 2032. The increasing adoption of video surveillance systems, driven by heightened security concerns across public and private sectors, significantly propels market growth. Technological advancements such as the integration of AI and IoT with surveillance systems further amplify the demand for efficient storage solutions.

In particular, the rapid adoption of cloud-based storage and solid-state drives (SSD) is transforming the market landscape. The robust adoption of high-definition (HD) and ultra-high-definition (UHD) cameras generates substantial data volumes, necessitating advanced storage systems that can handle real-time video feeds without compromising performance or security.

Governments worldwide are enforcing stringent regulations for installing surveillance systems in public spaces, adding another layer of growth. For instance, smart city projects globally have incorporated video surveillance systems for real-time monitoring and public safety enhancements. Cloud-based storage, powered by scalable and secure infrastructure, is becoming the backbone for supporting these massive data storage needs.

Organizations in industries such as BFSI, retail, healthcare, and education are increasingly deploying video surveillance systems for fraud detection, operational

efficiency, and safety enhancements. Emerging trends like facial recognition technology, analytics-driven insights, and edge-based processing are reshaping video surveillance applications, requiring more flexible and intelligent storage architectures.

The COVID-19 pandemic further accelerated the adoption of surveillance systems, including touchless technologies such as facial recognition and license plate readers, which operate in tandem with AI-driven storage solutions. The ability of these systems to provide actionable insights while reducing physical contact risks became a critical factor during and after the pandemic.

Major market players include

Cisco Systems,

Amazon Web Services,

Intel Corporation,

Microsoft Corporation,

Symantec Corporation,

McAfee,

LLC,

Palo Alto Networks, Inc.,

Trend Micro Incorporated.

The detailed segments and sub-segments of the market include:

By Component:

Hardware

Storage Area Network (SAN)

Direct Attached Storage (DAS)

Network Attached Storage (NAS)

Others

Software

Video Management Software

Video Analytics

Services

Professional Services

Managed Services

By Storage Media:

Hard Disk Drive (HDD)

Solid-State Drive (SSD)

By Enterprise Size:

Large Enterprises

Small and Medium Enterprises (SMEs)

By Industry Vertical:

BFSI

Retail

Healthcare & Pharmaceutical

Education

Government & Defense

Media & Entertainment

Manufacturing

Transportation & Logistics

Others

By Region:

North America (U.S., Canada, Mexico)

Europe (UK, Germany, France, Rest of Europe)

Asia-Pacific (China, Japan, India, South Korea, Australia, Rest of Asia-Pacific)

LAMEA (Latin America, Middle East, Africa)

Years Considered for the Study:

Historical Year: 2022

Base Year: 2023

Forecast Period: 2022–2032

Key Takeaways:

1. Market projections indicate robust growth from USD 12.3 billion in 2022 to USD 39.5 billion by 2032.

2. Cloud storage solutions dominate due to scalability and affordability.
3. North America leads the market, with Asia-Pacific showing the fastest growth due to smart city initiatives and technological adoption.
4. Emerging technologies such as AI-powered analytics and IoT integration drive innovation in surveillance storage solutions.
5. Market players are focusing on collaborations and new product developments to meet evolving customer needs.

Contents

CHAPTER 1. GLOBAL VIDEO SURVEILLANCE STORAGE MARKET EXECUTIVE SUMMARY

- 1.1. Market Size & Forecast, 2022–2032
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Component
 - 1.3.2. By Storage Media
 - 1.3.3. By Enterprise Size
 - 1.3.4. By Industry Vertical
- 1.4. Key Trends
- 1.5. COVID-19 Impact Analysis
- 1.6. Analyst Recommendations & Conclusion

CHAPTER 2. GLOBAL VIDEO SURVEILLANCE STORAGE MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion Criteria
 - 2.3.2. Limitations
 - 2.3.3. Supply-Side Analysis
 - 2.3.3.1. Infrastructure Availability
 - 2.3.3.2. Regulatory Environment
 - 2.3.3.3. Competition Analysis
 - 2.3.4. Demand-Side Analysis
 - 2.3.4.1. Technological Advancements
 - 2.3.4.2. Consumer Awareness & Adoption
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL VIDEO SURVEILLANCE STORAGE MARKET DYNAMICS

- 3.1. Market Drivers
 - 3.1.1. Rising Security Concerns Across Sectors

- 3.1.2. Increasing Adoption of Smart City Projects
- 3.1.3. Technological Advancements in Storage Solutions
- 3.2. Market Challenges
 - 3.2.1. High Initial Installation Costs
 - 3.2.2. Data Privacy and Security Concerns
- 3.3. Market Opportunities
 - 3.3.1. Growth in Cloud-Based Surveillance Solutions
 - 3.3.2. Integration of AI and IoT in Surveillance Systems

CHAPTER 4. GLOBAL VIDEO SURVEILLANCE STORAGE MARKET INDUSTRY ANALYSIS

- 4.1. Porter's Five Forces Analysis
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. PESTEL Analysis
 - 4.2.1. Political Factors
 - 4.2.2. Economic Factors
 - 4.2.3. Social Factors
 - 4.2.4. Technological Factors
 - 4.2.5. Environmental Factors
 - 4.2.6. Legal Factors
- 4.3. Top Investment Opportunities
- 4.4. Winning Strategies

CHAPTER 5. GLOBAL VIDEO SURVEILLANCE STORAGE MARKET SIZE & FORECAST BY COMPONENT, 2022–2032

- 5.1. Component Overview
- 5.2. Market Revenue Analysis, by Component, 2022–2032 (USD Billion)
 - 5.2.1. Hardware
 - 5.2.1.1. Storage Area Network (SAN)
 - 5.2.1.2. Direct Attached Storage (DAS)
 - 5.2.1.3. Network Attached Storage (NAS)
 - 5.2.1.4. Others
 - 5.2.2. Software

- 5.2.2.1. Video Management Software
- 5.2.2.2. Video Analytics
- 5.2.3. Services
 - 5.2.3.1. Professional Services
 - 5.2.3.2. Managed Services

CHAPTER 6. GLOBAL VIDEO SURVEILLANCE STORAGE MARKET SIZE & FORECAST BY STORAGE MEDIA, 2022–2032

- 6.1. Storage Media Overview
- 6.2. Market Revenue Analysis, by Storage Media, 2022–2032 (USD Billion)
 - 6.2.1. Hard Disk Drive (HDD)
 - 6.2.2. Solid-State Drive (SSD)

CHAPTER 7. GLOBAL VIDEO SURVEILLANCE STORAGE MARKET SIZE & FORECAST BY ENTERPRISE SIZE, 2022–2032

- 7.1. Enterprise Size Overview
- 7.2. Market Revenue Analysis, by Enterprise Size, 2022–2032 (USD Billion)
 - 7.2.1. Large Enterprises
 - 7.2.2. SMEs

CHAPTER 8. GLOBAL VIDEO SURVEILLANCE STORAGE MARKET SIZE & FORECAST BY INDUSTRY VERTICAL, 2022–2032

- 8.1. Industry Vertical Overview
- 8.2. Market Revenue Analysis, by Industry Vertical, 2022–2032 (USD Billion)
 - 8.2.1. BFSI
 - 8.2.2. Retail
 - 8.2.3. Healthcare & Pharmaceutical
 - 8.2.4. Education
 - 8.2.5. Government & Defense
 - 8.2.6. Manufacturing
 - 8.2.7. Media & Entertainment
 - 8.2.8. Transportation & Logistics
 - 8.2.9. Others

CHAPTER 9. GLOBAL VIDEO SURVEILLANCE STORAGE MARKET SIZE & FORECAST BY REGION, 2022–2032

9.1. Regional Overview

9.2. North America

9.2.1. U.S.

9.2.2. Canada

9.2.3. Mexico

9.3. Europe

9.3.1. UK

9.3.2. Germany

9.3.3. France

9.3.4. Rest of Europe

9.4. Asia-Pacific

9.4.1. China

9.4.2. Japan

9.4.3. India

9.4.4. South Korea

9.4.5. Australia

9.4.6. Rest of Asia-Pacific

9.5. LAMEA

9.5.1. Latin America

9.5.2. Middle East

9.5.3. Africa

CHAPTER 10. COMPETITIVE INTELLIGENCE

10.1. Key Company SWOT Analysis

10.1.1. Cisco Systems, Inc.

10.1.2. Amazon Web Services

10.1.3. Microsoft Corporation

10.2. Top Strategies Adopted

10.3. Company Profiles

10.3.1. Cisco Systems, Inc.

10.3.2. Amazon Web Services

10.3.3. Intel Corporation

10.3.4. Symantec Corporation

10.3.5. McAfee, LLC

10.3.6. Palo Alto Networks, Inc.

10.3.7. Trend Micro Incorporated

CHAPTER 11. RESEARCH PROCESS

- 11.1. Data Mining
- 11.2. Analysis
- 11.3. Market Estimation
- 11.4. Validation
- 11.5. Publishing

12. LIST OF TABLES

1. GLOBAL VIDEO SURVEILLANCE STORAGE MARKET, BY REGION, 2022–2032 (USD BILLION)

2. HARDWARE COMPONENT MARKET REVENUE ANALYSIS, 2022–2032 (USD BILLION)

3. SOFTWARE COMPONENT MARKET REVENUE ANALYSIS, 2022–2032 (USD BILLION)

4. HDD VS. SSD REVENUE CONTRIBUTION, 2022 & 2032

5. MARKET SHARE BY ENTERPRISE SIZE, 2022 & 2032

6. REGIONAL DISTRIBUTION OF INDUSTRY VERTICALS, 2022

7. IMPACT OF COVID-19 ON SURVEILLANCE TECHNOLOGY ADOPTION

8. KEY MARKET OPPORTUNITIES ACROSS REGIONS, 2022–2032

9. SWOT ANALYSIS FOR CISCO, AWS, AND MICROSOFT

10. INDUSTRY VERTICAL TRENDS IN CLOUD-BASED STORAGE, 2022–2032

This list is not complete; the final report contains more than 220 tables. The list may be updated in the final deliverable.

12. LIST OF FIGURES

1. VIDEO SURVEILLANCE STORAGE MARKET REVENUE SHARE, BY

Video Surveillance Storage Market Size, Share, Competitive Landscape, and Trend Analysis Report by Component,...

COMPONENT (2022 VS. 2032)**2. STORAGE MEDIA TRENDS (HDD VS. SSD) BY REGION, 2022–2032****3. REGIONAL MARKET SHARE ANALYSIS (2022)****4. ADOPTION OF AI VISION-BASED SURVEILLANCE SYSTEMS, 2022–2032****5. ENTERPRISE SIZE CONTRIBUTION TO TOTAL REVENUE (2022 VS. 2032)****6. INDUSTRY VERTICAL CONTRIBUTION, 2022–2032****7. REGIONAL GROWTH TRENDS (2022–2032)****8. COVID-19'S ROLE IN ACCELERATING SURVEILLANCE STORAGE ADOPTION****9. SMART CITY PROJECTS: SURVEILLANCE STORAGE IMPACT (2022–2032)****10. COMPETITIVE LANDSCAPE ANALYSIS, BY REVENUE (2022)**

This list is not complete; the final report contains more than 57 figures. The list may be updated in the final deliverable.

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