

Global Surveillance Camera Market: Analysis By System Type (Analog, IP Commercial, IP Consumer and Other Surveillance Camera), By Technology (Image Signal Processor, Vision Processor, Vision Processor + AI) By Region Size and Trends with Impact of COVID-19 and Forecast up to 2027

<https://marketpublishers.com/r/G724CDD436AFEN.html>

Date: September 2022

Pages: 157

Price: US\$ 2,250.00 (Single User License)

ID: G724CDD436AFEN

Abstracts

The global surveillance camera market in 2021 was valued at US\$28.02 billion. The market is expected to reach US\$45.54 billion by 2027. Surveillance camera are video cameras used for the purpose of observing an area. They are often connected to a recording device or IP network, and maybe watched by a security guard or law enforcement officer. Surveillance camera can protect individuals or businesses from theft, fire, flood, or intrusion. Furthermore, the global surveillance camera market volume is expected to reach 524.75 million units in 2027, increasing from 214.30 million units in 2021.

Due to the rise in urban population, increasing criminal threats, growth in traffic management, technological improvements, and rising number of ATMs, would propel the market growth in the forthcoming years. The market is expected to grow at a CAGR of 8.38% during the forecast period of 2022-2027.

Market Segmentation Analysis:

By System Type: The report provides the bifurcation of the market on the basis of system type. On the basis of value, the market is bifurcated into two segments: Analog and IP surveillance camera. In 2021, IP surveillance camera held a major share of 65% in the market. On the basis of volume, the market is bifurcated into the following

segments based on the system type: Analog, IP Commercial, IP Consumer and other surveillance camera. In 2021, IP Commercial surveillance camera held a major share of more than 40% in the market. On the other hand, the analog segment is expected to witness decline in the forthcoming years owing to the emergence of IP cameras, with a number of advantages.

By Technology: The report further provides the segmentation of the market volume based on the technology: image signal processor, vision processor and vision processor + AI surveillance camera. The image signal processor held more than 70% of the share in the market. The market's expansion is aided by the rising sales of home security systems, integration of artificial intelligence systems in surveillance camera and adoption of IoT based surveillance systems. The vision processor + AI surveillance camera segment is projected to grow at the highest CAGR. Surveillance cameras manufacturers are shifting from basic image processing to AI processing, which is likely to help in the growth of the global vision processor (+AI) camera market. The importance of artificial intelligence (AI) technology, during the COVID-19 pandemic has increased considerably, which helped various sectors, particularly healthcare, in providing real-time monitoring solutions.

By Region: The report provides insight into the surveillance camera market based on the regions namely Europe, North America, Asia Pacific, and the Rest of the World. Asia Pacific held the major share of above 40% in the market owing to the rising criminal activities and enhancing the security of the population in the country.

Within North America, the US held the dominant share. The US is one of the most surveilled countries in the world, with CCTV cameras installed in most public and private places. However, the retail and commercial end-user markets are estimated to have the largest number of cameras installed in the country. Whereas, in the Asia Pacific region, Japan and China held a significant share in the market as public safety agencies are heavily investing in emerging technologies for providing efficient safety solutions in Japan.

Market Dynamics:

Growth Drivers: There is a rapid growth of surveillance cameras in recent years for the purpose of reducing and preventing criminal activities. Criminal cases are decreasing proportionately as more of the cameras came into existence. Surveillance cameras can also deter crime by increasing the probabilities of arrest and punishment. Alarm notification is the best way that the security cameras can function in prevention and

reduction of crime Furthermore, the market has been growing over the past few years, due to factors such as rapid urbanization, rising number of ATMs, growth in traffic management, technological improvement and development in surveillance camera industry, and many other factors.

Challenges: However, the market has been confronted with some challenges specifically, increase in privacy concern, high investment cost, etc.

Trends: The market is projected to grow at a fast pace during the forecast period, due to various latest trends such as integration of artificial intelligence systems in surveillance camera, adoption of IoT based surveillance systems, emergence of video surveillance as a service (VSaaS), etc. IoT systems are deployed in sectors including automotive, transportation, smart homes, energy, utility, security, surveillance, public safety, financial services, retail, healthcare, industrial, warehousing, and distribution. The growing adoption of IoT based surveillance systems is providing an overall growth opportunity to the global surveillance camera market.

Impact Analysis of COVID-19 and Way Forward:

The global surveillance camera market was impacted in many ways by the COVID-19 pandemic. In the wake of the COVID-19 pandemic, a wide range of surveillance cameras are turning out to be an effective way to serve the purpose of social distancing and other purposes. To keep a check on COVID patients, the surveillance camera were used in COVID wards. Also, thermal surveillance was initiated to check the temperatures to avoid the spread of COVID infections at crowded areas.

Competitive Landscape:

The global surveillance camera market is dominated primarily by Chinese companies, Hikvision and Dahua control about 60% of the total surveillance camera market.

The key players in the global surveillance camera market are:

Robert Bosch GmbH

Panasonic Corporation

Honeywell International Inc.

Cisco Systems, Inc.

Sony Group Corporation

LG Electronics Inc.

Hikvision

Dahua Technology

Axis Communications AB

Teledyne Technologies Incorporated

Hanwha Group

Motorola Solutions (Avigilon)

Uniview

Some of the strategies among key players in the market for surveillance cameras are product launches, mergers, acquisitions, and collaborations. For instance, in 2021, Hikvision announced the launch of its new DeepinView bullet network cameras with TandemVu technology, expanding the reach of TandemVu technology from PTZ units to bullet-styled models. Whereas, Dahua Technology announced that the company's network camera and video recorder products have passed ETSI EN 303 645 standard.

Contents

1. EXECUTIVE SUMMARY

2. INTRODUCTION

2.1 Surveillance Camera: An Overview

2.1.1 Definition of Surveillance Camera

2.1.2 Applications of Surveillance Cameras

2.2 Surveillance Camera Segmentation: An Overview

2.2.1 Surveillance Camera Segmentation

3. GLOBAL MARKET ANALYSIS

3.1 Global Surveillance Camera Market: An Analysis

3.1.1 Global Surveillance Camera Market: An Overview

3.1.2 Global Surveillance Camera Market by Value

3.1.3 Global Surveillance Camera Market by System Type (IP surveillance and analog surveillance camera)

3.1.4 Global Surveillance Camera Market by Region (Asia Pacific, North America, Europe and Rest of the World)

3.2 Global Surveillance Camera Market: System Type Analysis

3.2.1 Global Surveillance Camera Market by System Type: An Overview

3.2.2 Global Internet Protocol (IP) Surveillance Camera Market by Value

3.2.3 Global Analog Surveillance Camera Market by Value

3.3 Global Surveillance Camera Market Volume: An Analysis

3.3.1 Global Surveillance Camera Market Volume: An Overview

3.3.2 Global Surveillance Camera Market by Volume

3.3.3 Global Surveillance Camera Market Volume by System Type (IP commercial, IP consumer, analog and other)

3.3.4 Global Surveillance Camera Market Volume by Technology (Image signal processor, vision processor and vision processor + AI surveillance camera)

3.4 Global Surveillance Camera Market Volume: System Type Analysis

3.4.1 Global Surveillance Camera Market Volume by System Type: An Overview

3.4.2 Global IP Commercial Surveillance Camera Market by Volume

3.4.3 Global IP Consumer Surveillance Camera Market by Volume

3.4.4 Global Analog Surveillance Camera Market by Volume

3.4.5 Global Other Surveillance Camera Market by Volume

3.5 Global Surveillance Camera Market Volume: Technology Analysis

- 3.5.1 Global Surveillance Camera Market Volume by Technology: An Overview
- 3.5.2 Global Image Signal Processor Surveillance Camera Market by Volume
- 3.5.3 Global Vision Processor Surveillance Camera Market by Volume
- 3.5.4 Global Vision Processor + AI Surveillance Camera Market by Volume

4. REGIONAL MARKET ANALYSIS

- 4.1 Asia Pacific Surveillance Camera Market: An Analysis
 - 4.1.1 Asia Pacific Surveillance Camera Market: An Overview
 - 4.1.2 Asia Pacific Surveillance Camera Market by Value
 - 4.1.3 Asia Pacific Surveillance Camera Market by Region (Japan, China, South Korea, India, Australia and Rest of Asia Pacific)
 - 4.1.4 Japan Surveillance Camera Market by Value
 - 4.1.5 China Surveillance Camera Market by Value
 - 4.1.6 South Korea Surveillance Camera Market by Value
 - 4.1.7 India Surveillance Camera Market by Value
 - 4.1.8 Australia Surveillance Camera Market by Value
 - 4.1.9 Rest of Asia Pacific Surveillance Camera Market by Value
- 4.2 North America Surveillance Camera Market: An Analysis
 - 4.2.1 North America Surveillance Camera Market: An Overview
 - 4.2.2 North America Surveillance Camera Market by Value
 - 4.2.3 North America Surveillance Camera Market by Region (The US, Canada and Mexico)
 - 4.2.4 The US Surveillance Camera Market by Value
 - 4.2.5 Canada Surveillance Camera Market by Value
 - 4.2.6 Mexico Surveillance Camera Market by Value
- 4.3 Europe Surveillance Camera Market: An Analysis
 - 4.3.1 Europe Surveillance Camera Market: An Overview
 - 4.3.2 Europe Surveillance Camera Market by Value
 - 4.3.3 Europe Surveillance Camera Market by Region (Germany, United Kingdom, France, Italy, Spain and Rest of the Europe)
 - 4.3.4 United Kingdom Surveillance Camera Market by Value
 - 4.3.5 Germany Surveillance Camera Market by Value
 - 4.3.6 France Surveillance Camera Market by Value
 - 4.3.7 Spain Surveillance Camera Market by Value
 - 4.3.8 Italy Surveillance Camera Market by Value
 - 4.3.9 Rest of Europe Surveillance Camera Market by Value
- 4.4 Rest of the World (ROW) Surveillance Camera Market: An Analysis

4.4.1 Rest of the World (ROW) Surveillance Camera Market: An Overview

4.4.2 Rest of the World (ROW) Surveillance Camera Market by Value

5. IMPACT OF COVID-19

5.1 Impact of COVID-19

5.1.1 Impact of COVID-19 on Surveillance Camera Market

5.1.2 Impact of COVID-19 on Video Analytics

5.1.3 Impact of COVID-19 on Unmanned Aerial Systems (UAS)

5.1.4 Need for Surveillance in COVID-19 Wards

5.1.5 Impact of COVID-19 on Thermal Imaging Systems

6. MARKET DYNAMICS

6.1 Growth Drivers

6.1.1 Growing Number of ATMs

6.1.2 Increase in Crime Rate and Threats

6.1.3 Rise in Infrastructure Developments

6.1.4 Rapid Urbanization

6.1.5 Rising Sales of Home Security Systems

6.1.6 Escalating Demand for Big Data

6.1.7 Growth in Traffic Management

6.1.8 Growing Adoption of IP Cameras

6.2 Challenges

6.2.1 Increase in Privacy Concern

6.2.2 High Investment Cost

6.3 Market Trends

6.3.1 Integration of Artificial Intelligence Systems in Surveillance Camera

6.3.2 Adoption of IoT based Surveillance Systems

6.3.3 Emergence of Video Surveillance as a Service (VSaaS)

6.3.4 Increase in Adoption of Spy and Hidden Cameras

6.3.5 Growth in Transition from Analog Surveillance to IP Cameras

7. COMPETITIVE LANDSCAPE

7.1 Global Surveillance Camera Players by Market Share

8. COMPANY PROFILES

- 8.1 Robert Bosch GmbH
 - 8.1.1 Business Overview
 - 8.1.2 Operating Segment
 - 8.1.3 Business Strategy
- 8.2 Panasonic Corporation
 - 8.2.1 Business Overview
 - 8.2.2 Operating Segment
 - 8.2.3 Business Strategy
- 8.3 Honeywell International Inc.
 - 8.3.1 Business Overview
 - 8.3.2 Operating Segment
 - 8.3.3 Business Strategy
- 8.4 Cisco Systems, Inc.
 - 8.4.1 Business Overview
 - 8.4.2 Operating Segment
 - 8.4.3 Business Strategy
- 8.5 Sony Group Corporation
 - 8.5.1 Business Overview
 - 8.5.2 Operating Segments
 - 8.5.3 Business Strategy
- 8.6 LG Electronics Inc.
 - 8.6.1 Business Overview
 - 8.6.2 Operating Segment
 - 8.6.3 Business Strategy
- 8.7 Hikvision
 - 8.7.1 Business Overview
 - 8.7.2 Business Strategy
- 8.8 Dahua Technology
 - 8.8.1 Business Overview
 - 8.8.2 Business Strategy
- 8.9 Axis Communications AB
 - 8.9.1 Business Overview
 - 8.9.2 Operating Segments
 - 8.9.3 Business Strategy
- 8.10 Teledyne Technologies Incorporated
 - 8.10.1 Business Overview
 - 8.10.2 Operating Segment
 - 8.10.3 Business Strategy
- 8.11 Hanwha Group

- 8.11.1 Business Overview
- 8.11.2 Operating Segment
- 8.11.3 Business Strategy
- 8.12 Motorola Solutions (Avigilon)
 - 8.12.1 Business Strategy
 - 8.12.2 Operating Segment
 - 8.12.3 Business Strategy
- 8.13 Uniview
 - 8.13.1 Business Overview
 - 8.13.2 Business Strategy

List Of Figures

LIST OF FIGURES

Figure 1: Applications of Surveillance Cameras

Figure 2: Surveillance Camera Segmentation

Figure 3: Global Surveillance Camera Market by Value; 2017-2021 (US\$ Billion)

Figure 4: Global Surveillance Camera Market by Value; 2022-2027 (US\$ Billion)

Figure 5: Global Surveillance Camera Market by System Type; 2021 (Percentage, %)

Figure 6: Global Surveillance Camera Market by Region; 2021 (Percentage, %)

Figure 7: Global Internet Protocol (IP) Surveillance Camera Market by Value; 2017-2021 (US\$ Billion)

Figure 8: Global Internet Protocol (IP) Surveillance Camera Market by Value; 2022-2027 (US\$ Billion)

Figure 9: Global Analog Surveillance Camera Market by Value; 2017-2021 (US\$ Billion)

Figure 10: Global Analog Surveillance Camera Market by Value; 2022-2027 (US\$ Billion)

Figure 11: Global Surveillance Camera Market by Volume; 2017-2021 (Million Units)

Figure 12: Global Surveillance Camera Market by Volume; 2022-2027 (Million Units)

Figure 13: Global Surveillance Camera Market Volume by System Type; 2021 (Percentage, %)

Figure 14: Global Surveillance Camera Market Volume by Technology; 2021 (Percentage, %)

Figure 15: Global IP Commercial Surveillance Camera Market by Volume, 2017-2021 (Million Units)

Figure 16: Global IP Commercial Surveillance Camera Market by Volume, 2022-2027 (Million Units)

Figure 17: Global IP Consumer Surveillance Camera Market by Volume, 2017-2021 (Million Units)

Figure 18: Global IP Consumer Surveillance Camera Market by Volume, 2022-2027 (Million Units)

Figure 19: Global Analog Surveillance Camera Market by Volume, 2017-2021 (Thousand Units)

Figure 20: Global Analog Surveillance Camera Market by Volume, 2022-2027 (Thousand Units)

Figure 21: Global Other Surveillance Camera Market by Volume, 2017-2021 (Million Units)

Figure 22: Global Other Surveillance Camera Market by Volume, 2022-2027 (Million Units)

Figure 23: Global Image Signal Processor Surveillance Camera Market by Volume, 2019-2021 (Million Units)

Figure 24: Global Image Signal Processor Surveillance Camera Market by Volume, 2022-2027 (Million Units)

Figure 25: Global Vision Processor Surveillance Camera Market by Volume, 2019-2021 (Million Units)

Figure 26: Global Vision Processor Surveillance Camera Market by Volume, 2022-2027 (Million Units)

Figure 27: Global Vision Processor + AI Surveillance Camera Market by Volume, 2019-2021 (Million Units)

Figure 28: Global Vision Processor + AI Surveillance Camera Market by Volume, 2022-2027 (Million Units)

Figure 29: Asia Pacific Surveillance Camera Market by Value; 2017-2021 (US\$ Billion)

Figure 30: Asia Pacific Surveillance Camera Market by Value; 2022-2027 (US\$ Billion)

Figure 31: Asia Pacific Surveillance Camera Market by Region; 2021 (Percentage, %)

Figure 32: Japan Surveillance Camera Market by Value, 2017-2021 (US\$ Billion)

Figure 33: Japan Surveillance Camera Market by Value; 2022-2027 (US\$ Billion)

Figure 34: China Surveillance Camera Market by Value; 2017-2021 (US\$ Billion)

Figure 35: China Surveillance Camera Market by Value; 2022-2027 (US\$ Billion)

Figure 36: South Korea Surveillance Camera Market by Value; 2017-2021 (US\$ Million)

Figure 37: South Korea Surveillance Camera Market by Value; 2022-2027 (US\$ Million)

Figure 38: India Surveillance Camera Market by Value; 2017-2021 (US\$ Million)

Figure 39: India Surveillance Camera Market by Value; 2022-2027 (US\$ Million)

Figure 40: Australia Surveillance Camera Market by Value; 2017-2021 (US\$ Million)

Figure 41: Australia Surveillance Camera Market by Value; 2022-2027 (US\$ Million)

Figure 42: Rest of Asia Pacific Surveillance Camera Market by Value; 2017-2021 (US\$ Billion)

Figure 43: Rest of Asia Pacific Surveillance Camera Market by Value; 2022-2027 (US\$ Billion)

Figure 44: North America Surveillance Camera Market by Value; 2017-2021 (US\$ Billion)

Figure 45: North America Surveillance Camera Market by Value; 2022-2027 (US\$ Billion)

Figure 46: North America Surveillance Camera Market by Region; 2021 (Percentage, %)

Figure 47: The US Surveillance Camera Market by Value; 2017-2021 (US\$ Billion)

Figure 48: The US Surveillance Camera Market by Value; 2022-2027 (US\$ Billion)

Figure 49: Canada Surveillance Camera Market by Value; 2017-2021 (US\$ Billion)

Figure 50: Canada Surveillance Camera Market by Value; 2022-2027 (US\$ Billion)

Figure 51: Mexico Surveillance Camera Market by Value; 2017-2021 (US\$ Million)

Figure 52: Mexico Surveillance Camera Market by Value; 2022-2027 (US\$ Billion)

Figure 53: Europe Surveillance Camera Market by Value; 2017-2021 (US\$ Billion)

Figure 54: Europe Surveillance Camera Market by Value; 2022-2027 (US\$ Billion)

Figure 55: Europe Surveillance Camera Market by Region; 2021 (Percentage, %)

Figure 56: United Kingdom Surveillance Camera Market by Value; 2017-2021 (US\$ Billion)

Figure 57: United Kingdom Surveillance Camera Market by Value; 2022-2027 (US\$ Billion)

Figure 58: Germany Surveillance Camera Market by Value; 2017-2021 (US\$ Billion)

Figure 59: Germany Surveillance Camera Market by Value; 2022-2027 (US\$ Billion)

Figure 60: France Surveillance Camera Market by Value; 2017-2021 (US\$ Million)

Figure 61: France Surveillance Camera Market by Value; 2022-2027 (US\$ Million)

Figure 62: Spain Surveillance Camera Market by Value; 2017-2021 (US\$ Million)

Figure 63: Spain Surveillance Camera Market by Value; 2022-2027 (US\$ Million)

Figure 64: Italy Surveillance Camera Market by Value; 2017-2021 (US\$ Million)

Figure 65: Italy Surveillance Camera Market by Value; 2022-2027 (US\$ Million)

Figure 66: Rest of Europe Surveillance Camera Market by Value; 2017-2021 (US\$ Billion)

Figure 67: Rest of Europe Surveillance Camera Market by Value; 2022-2027 (US\$ Billion)

Figure 68: Rest of the World (ROW) Surveillance Camera Market by Value; 2017-2021 (US\$ Billion)

Figure 69: Rest of the World (ROW) Surveillance Camera Market by Value; 2022-2027 (US\$ Billion)

Figure 70: Global Video Analytics Market, 2019-2021 (US\$ Billion)

Figure 71: Global Civil Unmanned Aerial Systems (UAS) Production, 2019-2021 (US\$ Billion)

Figure 72: Global Number of ATMs; 2014-2020 (Per 100000 Adults)

Figure 73: Global Crime Rate by Region; 2021-2022 (Crime Index)

Figure 74: Global Infrastructure Investment at Current Trends; 2017-2037 (US\$ Trillion)

Figure 75: Global Urban Population; 2016-2021 (Billion)

Figure 76: Global Home Security System Sales; 2017-2022 (US\$ Billion)

Figure 77: Global Big Data Analytics Market; 2018-2022 (US\$ Billion)

Figure 78: Global Traffic Management Market; 2016-2020 (US\$ Billion)

Figure 79: Global Artificial Intelligence Market Revenues; 2020-2023 (US\$ Billion)

Figure 80: Number of Global Active IoT Connections (Installed Base); 2017-2025 (Billion)

Figure 81: Global Surveillance Camera Players by Market Share; 2021 (Percentage, %)

Figure 82: Robert Bosch Sales by Business Sector; 2021 (Percentage, %)

Figure 83: Panasonic Corporation Net Sales by Segment; 2021 (Percentage, %)

Figure 84: Honeywell International Inc. Net Sales by Segment; 2021 (Percentage, %)

Figure 85: Cisco Systems, Inc. Revenue by Geographic Segments; 2021 (Percentage, %)

Figure 86: Sony Group Corporation Total Sales & Financial Services Revenues by Segment; 2022 (Percentage, %)

Figure 87: LG Electronics Inc. Net Sales by Segments; 2021 (Percentage, %)

Figure 88: Axis Communications AB Revenue by Region; 2021 (Percentage, %)

Figure 89: Teledyne Technologies Incorporated Net Sales by Segment; 2021 (Percentage, %)

Figure 90: Hanwha Group Total Sales by Business Segment; 2020 (Percentage, %)

Figure 91: Motorola Solutions, Inc. Net Sales; 2021 (Percentage, %)

I would like to order

Product name: Global Surveillance Camera Market: Analysis By System Type (Analog, IP Commercial, IP Consumer and Other Surveillance Camera), By Technology (Image Signal Processor, Vision Processor, Vision Processor + AI) By Region Size and Trends with Impact of COVID-19 and Forecast up to 2027

Product link: <https://marketpublishers.com/r/G724CDD436AFEN.html>

Price: US\$ 2,250.00 (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/G724CDD436AFEN.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