

# Global Video Surveillance ICs Market Research Report 2026(Status and Outlook)

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## Abstracts

Video surveillance (Security)ICs are divided into front-end and back-end, mainly including front-end ISP, IPC SoC and back-end DVR SoC, NVR SoC. Different chips have different integration functions, such as IPC SoC integrating CPU, ISP, video codec module, and network interface module. Some chips integrate video analysis functions. The core companies include TI, Beijing Ingenic, Richhan Micro, HiSilicon, etc. The core global video surveillance chip (SoC) companies mainly include TI, STMicroelectronics, Marvell, Beijing Ingenic, NextChip, Huawei HiSilicon, Shanghai Fullhan Microelectronics and Goke Microelectronics, among which the share of TOP5 companies exceeds 43%.

The global Video Surveillance ICs market size was estimated at USD 664.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 6.60% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Video Surveillance ICs market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Video Surveillance ICs market. It offers detailed profiles of major players, including their

market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Video Surveillance ICs market.

## **Global Video Surveillance ICs Market: Market Segmentation Analysis**

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

### **Key Company**

TI  
STMicroelectronics  
Marvell  
Ingenic Semiconductor Inc  
NextChip  
Hisilicon  
Shanghai Fullhan  
Gokemirco  
SigmaStar Semiconductor  
Ambarella  
Eeasytech  
Beijing Vimicro Products  
Grain Media  
Diodes  
Renesas Electronics

## **Market Segmentation (by Type)**

Front-end ISP Chip  
Front-end IPC SoC Chip  
Back-end DVR SoC Chip  
Back-end NVR SoC Chip

## **Market Segmentation (by Application)**

Industrial  
Commercial  
Residential

## **Geographic Segmentation**

North America (USA, Canada, Mexico)

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

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

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

## **Key Benefits of This Market Research:**

Industry drivers, restraints, and opportunities covered in the study  
Neutral perspective on the market performance  
Recent industry trends and developments  
Competitive landscape & strategies of key players  
Potential & niche segments and regions exhibiting promising growth covered  
Historical, current, and projected market size, in terms of value  
In-depth analysis of the Video Surveillance ICs Market  
Overview of the regional outlook of the Video Surveillance ICs Market:

## Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Video Surveillance ICs Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Video Surveillance ICs, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

### **Key Reasons to Buy this Report:**

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

### **Customization of the Report**

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## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Video Surveillance ICs
- 1.2 Key Market Segments
  - 1.2.1 Video Surveillance ICs Segment by Type
  - 1.2.2 Video Surveillance ICs Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 VIDEO SURVEILLANCE ICS MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Video Surveillance ICs Market Size (M USD) Estimates and Forecasts (2020-2035)
  - 2.1.2 Global Video Surveillance ICs Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 VIDEO SURVEILLANCE ICS MARKET COMPETITIVE LANDSCAPE**

- 3.1 Company Assessment Quadrant
- 3.2 Global Video Surveillance ICs Product Life Cycle
- 3.3 Global Video Surveillance ICs Sales by Manufacturers (2020-2025)
- 3.4 Global Video Surveillance ICs Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Video Surveillance ICs Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Video Surveillance ICs Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Video Surveillance ICs Market Competitive Situation and Trends
  - 3.8.1 Video Surveillance ICs Market Concentration Rate
  - 3.8.2 Global 5 and 10 Largest Video Surveillance ICs Players Market Share by Revenue
  - 3.8.3 Mergers & Acquisitions, Expansion

## **4 VIDEO SURVEILLANCE ICS INDUSTRY CHAIN ANALYSIS**

- 4.1 Video Surveillance ICs Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF VIDEO SURVEILLANCE ICS MARKET**

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
  - 5.4.1 New Product Developments
  - 5.4.2 Mergers & Acquisitions
  - 5.4.3 Expansions
  - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
  - 5.5.1 Industry Policies Analysis
  - 5.5.2 Economic Environment Analysis
  - 5.5.3 Social Environment Analysis
  - 5.5.4 Technological Environment Analysis
- 5.6 Global Video Surveillance ICs Market Porter's Five Forces Analysis
  - 5.6.1 Global Trade Frictions
  - 5.6.2 U.S. Tariff Policy ? April 2025
  - 5.6.3 Global Trade Frictions and Their Impacts to Video Surveillance ICs Market
- 5.7 ESG Ratings of Leading Companies

## **6 VIDEO SURVEILLANCE ICS MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Video Surveillance ICs Sales Market Share by Type (2020-2025)
- 6.3 Global Video Surveillance ICs Market Size by Type (2020-2025)
- 6.4 Global Video Surveillance ICs Price by Type (2020-2025)

## **7 VIDEO SURVEILLANCE ICS MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)

- 7.2 Global Video Surveillance ICs Market Sales by Application (2020-2025)
- 7.3 Global Video Surveillance ICs Market Size (M USD) by Application (2020-2025)
- 7.4 Global Video Surveillance ICs Sales Growth Rate by Application (2020-2025)

## **8 VIDEO SURVEILLANCE ICS MARKET SALES BY REGION**

- 8.1 Global Video Surveillance ICs Sales by Region
  - 8.1.1 Global Video Surveillance ICs Sales by Region
  - 8.1.2 Global Video Surveillance ICs Sales Market Share by Region
- 8.2 Global Video Surveillance ICs Market Size by Region
  - 8.2.1 Global Video Surveillance ICs Market Size by Region
  - 8.2.2 Global Video Surveillance ICs Market Size by Region
- 8.3 North America
  - 8.3.1 North America Video Surveillance ICs Sales by Country
  - 8.3.2 North America Video Surveillance ICs Market Size by Country
  - 8.3.3 U.S. Market Overview
  - 8.3.4 Canada Market Overview
  - 8.3.5 Mexico Market Overview
- 8.4 Europe
  - 8.4.1 Europe Video Surveillance ICs Sales by Country
  - 8.4.2 Europe Video Surveillance ICs Market Size by Country
  - 8.4.3 Germany Market Overview
  - 8.4.4 France Market Overview
  - 8.4.5 U.K. Market Overview
  - 8.4.6 Italy Market Overview
  - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
  - 8.5.1 Asia Pacific Video Surveillance ICs Sales by Region
  - 8.5.2 Asia Pacific Video Surveillance ICs Market Size by Region
  - 8.5.3 China Market Overview
  - 8.5.4 Japan Market Overview
  - 8.5.5 South Korea Market Overview
  - 8.5.6 India Market Overview
  - 8.5.7 Southeast Asia Market Overview
- 8.6 South America
  - 8.6.1 South America Video Surveillance ICs Sales by Country
  - 8.6.2 South America Video Surveillance ICs Market Size by Country
  - 8.6.3 Brazil Market Overview
  - 8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa Video Surveillance ICs Sales by Region

8.7.2 Middle East and Africa Video Surveillance ICs Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

## **9 VIDEO SURVEILLANCE ICS MARKET PRODUCTION BY REGION**

9.1 Global Production of Video Surveillance ICs by Region(2020-2025)

9.2 Global Video Surveillance ICs Revenue Market Share by Region (2020-2025)

9.3 Global Video Surveillance ICs Production, Revenue, Price and Gross Margin (2020-2025)

9.4 North America Video Surveillance ICs Production

9.4.1 North America Video Surveillance ICs Production Growth Rate (2020-2025)

9.4.2 North America Video Surveillance ICs Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe Video Surveillance ICs Production

9.5.1 Europe Video Surveillance ICs Production Growth Rate (2020-2025)

9.5.2 Europe Video Surveillance ICs Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Video Surveillance ICs Production (2020-2025)

9.6.1 Japan Video Surveillance ICs Production Growth Rate (2020-2025)

9.6.2 Japan Video Surveillance ICs Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Video Surveillance ICs Production (2020-2025)

9.7.1 China Video Surveillance ICs Production Growth Rate (2020-2025)

9.7.2 China Video Surveillance ICs Production, Revenue, Price and Gross Margin (2020-2025)

## **10 KEY COMPANIES PROFILE**

10.1 TI

10.1.1 TI Basic Information

10.1.2 TI Video Surveillance ICs Product Overview

10.1.3 TI Video Surveillance ICs Product Market Performance

- 10.1.4 TI Business Overview
- 10.1.5 TI SWOT Analysis
- 10.1.6 TI Recent Developments
- 10.2 STMicroelectronics
  - 10.2.1 STMicroelectronics Basic Information
  - 10.2.2 STMicroelectronics Video Surveillance ICs Product Overview
  - 10.2.3 STMicroelectronics Video Surveillance ICs Product Market Performance
  - 10.2.4 STMicroelectronics Business Overview
  - 10.2.5 STMicroelectronics SWOT Analysis
  - 10.2.6 STMicroelectronics Recent Developments
- 10.3 Marvell
  - 10.3.1 Marvell Basic Information
  - 10.3.2 Marvell Video Surveillance ICs Product Overview
  - 10.3.3 Marvell Video Surveillance ICs Product Market Performance
  - 10.3.4 Marvell Business Overview
  - 10.3.5 Marvell SWOT Analysis
  - 10.3.6 Marvell Recent Developments
- 10.4 Ingenic Semiconductor Inc
  - 10.4.1 Ingenic Semiconductor Inc Basic Information
  - 10.4.2 Ingenic Semiconductor Inc Video Surveillance ICs Product Overview
  - 10.4.3 Ingenic Semiconductor Inc Video Surveillance ICs Product Market Performance
  - 10.4.4 Ingenic Semiconductor Inc Business Overview
  - 10.4.5 Ingenic Semiconductor Inc Recent Developments
- 10.5 NextChip
  - 10.5.1 NextChip Basic Information
  - 10.5.2 NextChip Video Surveillance ICs Product Overview
  - 10.5.3 NextChip Video Surveillance ICs Product Market Performance
  - 10.5.4 NextChip Business Overview
  - 10.5.5 NextChip Recent Developments
- 10.6 Hisilicon
  - 10.6.1 Hisilicon Basic Information
  - 10.6.2 Hisilicon Video Surveillance ICs Product Overview
  - 10.6.3 Hisilicon Video Surveillance ICs Product Market Performance
  - 10.6.4 Hisilicon Business Overview
  - 10.6.5 Hisilicon Recent Developments
- 10.7 Shanghai Fullhan
  - 10.7.1 Shanghai Fullhan Basic Information
  - 10.7.2 Shanghai Fullhan Video Surveillance ICs Product Overview
  - 10.7.3 Shanghai Fullhan Video Surveillance ICs Product Market Performance

- 10.7.4 Shanghai Fullhan Business Overview
- 10.7.5 Shanghai Fullhan Recent Developments
- 10.8 Gokemirco
  - 10.8.1 Gokemirco Basic Information
  - 10.8.2 Gokemirco Video Surveillance ICs Product Overview
  - 10.8.3 Gokemirco Video Surveillance ICs Product Market Performance
  - 10.8.4 Gokemirco Business Overview
  - 10.8.5 Gokemirco Recent Developments
- 10.9 SigmaStar Semiconductor
  - 10.9.1 SigmaStar Semiconductor Basic Information
  - 10.9.2 SigmaStar Semiconductor Video Surveillance ICs Product Overview
  - 10.9.3 SigmaStar Semiconductor Video Surveillance ICs Product Market Performance
  - 10.9.4 SigmaStar Semiconductor Business Overview
  - 10.9.5 SigmaStar Semiconductor Recent Developments
- 10.10 Ambarella
  - 10.10.1 Ambarella Basic Information
  - 10.10.2 Ambarella Video Surveillance ICs Product Overview
  - 10.10.3 Ambarella Video Surveillance ICs Product Market Performance
  - 10.10.4 Ambarella Business Overview
  - 10.10.5 Ambarella Recent Developments
- 10.11 Eeasytech
  - 10.11.1 Eeasytech Basic Information
  - 10.11.2 Eeasytech Video Surveillance ICs Product Overview
  - 10.11.3 Eeasytech Video Surveillance ICs Product Market Performance
  - 10.11.4 Eeasytech Business Overview
  - 10.11.5 Eeasytech Recent Developments
- 10.12 Beijing Vimicro Products
  - 10.12.1 Beijing Vimicro Products Basic Information
  - 10.12.2 Beijing Vimicro Products Video Surveillance ICs Product Overview
  - 10.12.3 Beijing Vimicro Products Video Surveillance ICs Product Market Performance
  - 10.12.4 Beijing Vimicro Products Business Overview
  - 10.12.5 Beijing Vimicro Products Recent Developments
- 10.13 Grain Media
  - 10.13.1 Grain Media Basic Information
  - 10.13.2 Grain Media Video Surveillance ICs Product Overview
  - 10.13.3 Grain Media Video Surveillance ICs Product Market Performance
  - 10.13.4 Grain Media Business Overview
  - 10.13.5 Grain Media Recent Developments
- 10.14 Diodes

- 10.14.1 Diodes Basic Information
- 10.14.2 Diodes Video Surveillance ICs Product Overview
- 10.14.3 Diodes Video Surveillance ICs Product Market Performance
- 10.14.4 Diodes Business Overview
- 10.14.5 Diodes Recent Developments
- 10.15 Renesas Electronics
  - 10.15.1 Renesas Electronics Basic Information
  - 10.15.2 Renesas Electronics Video Surveillance ICs Product Overview
  - 10.15.3 Renesas Electronics Video Surveillance ICs Product Market Performance
  - 10.15.4 Renesas Electronics Business Overview
  - 10.15.5 Renesas Electronics Recent Developments

## **11 VIDEO SURVEILLANCE ICS MARKET FORECAST BY REGION**

- 11.1 Global Video Surveillance ICs Market Size Forecast
- 11.2 Global Video Surveillance ICs Market Forecast by Region
  - 11.2.1 North America Market Size Forecast by Country
  - 11.2.2 Europe Video Surveillance ICs Market Size Forecast by Country
  - 11.2.3 Asia Pacific Video Surveillance ICs Market Size Forecast by Region
  - 11.2.4 South America Video Surveillance ICs Market Size Forecast by Country
  - 11.2.5 Middle East and Africa Forecasted Sales of Video Surveillance ICs by Country

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)**

- 12.1 Global Video Surveillance ICs Market Forecast by Type (2026-2035)
  - 12.1.1 Global Forecasted Sales of Video Surveillance ICs by Type (2026-2035)
  - 12.1.2 Global Video Surveillance ICs Market Size Forecast by Type (2026-2035)
  - 12.1.3 Global Forecasted Price of Video Surveillance ICs by Type (2026-2035)
- 12.2 Global Video Surveillance ICs Market Forecast by Application (2026-2035)
  - 12.2.1 Global Video Surveillance ICs Sales (K Units) Forecast by Application
  - 12.2.2 Global Video Surveillance ICs Market Size (M USD) Forecast by Application (2026-2035)

## **13 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Global Video Surveillance ICs Market Size by Type (M USD)

Table 4. Global Video Surveillance ICs Market Size by Application

Table 5. Video Surveillance ICs Market Size Comparison by Region (M USD)

Table 6. Global Video Surveillance ICs Sales (K Units) by Manufacturers (2020-2025)

Table 7. Global Video Surveillance ICs Sales Market Share by Manufacturers (2020-2025)

Table 8. Global Video Surveillance ICs Revenue (M USD) by Manufacturers (2020-2025)

Table 9. Global Video Surveillance ICs Revenue Share by Manufacturers (2020-2025)

Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Video Surveillance ICs as of 2025)

Table 11. Global Market Video Surveillance ICs Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 12. Manufacturers? Manufacturing Sites, Areas Served

Table 13. Manufacturers? Product Type

Table 14. Global Video Surveillance ICs Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 15. Mergers & Acquisitions, Expansion Plans

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Video Surveillance ICs Market Challenges

Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026

Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027

Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026

Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 26. Global Video Surveillance ICs Sales by Type (K Units)

Table 27. Global Video Surveillance ICs Market Size by Type (M USD)

Table 28. Global Video Surveillance ICs Sales (K Units) by Type (2020-2025)

Table 29. Global Video Surveillance ICs Sales Market Share by Type (2020-2025)

- Table 30. Global Video Surveillance ICs Market Size (M USD) by Type (2020-2025)
- Table 31. Global Video Surveillance ICs Market Share by Type (2020-2025)
- Table 32. Global Video Surveillance ICs Price (USD/Unit) by Type (2020-2025)
- Table 33. Global Video Surveillance ICs Sales (K Units) by Application
- Table 34. Global Video Surveillance ICs Market Size by Application
- Table 35. Global Video Surveillance ICs Sales by Application (2020-2025) & (K Units)
- Table 36. Global Video Surveillance ICs Sales Market Share by Application (2020-2025)
- Table 37. Global Video Surveillance ICs Market Size by Application (2020-2025) & (M USD)
- Table 38. Global Video Surveillance ICs Market Share by Application (2020-2025)
- Table 39. Global Video Surveillance ICs Sales Growth Rate by Application (2020-2025)
- Table 40. Global Video Surveillance ICs Sales by Region (2020-2025) & (K Units)
- Table 41. Global Video Surveillance ICs Sales Market Share by Region (2020-2025)
- Table 42. Global Video Surveillance ICs Market Size by Region (2020-2025) & (M USD)
- Table 43. Global Video Surveillance ICs Market Size by Region (2020-2025)
- Table 44. North America Video Surveillance ICs Sales by Country (2020-2025) & (K Units)
- Table 45. North America Video Surveillance ICs Market Size by Country (2020-2025) & (M USD)
- Table 46. Europe Video Surveillance ICs Sales by Country (2020-2025) & (K Units)
- Table 47. Europe Video Surveillance ICs Market Size by Country (2020-2025) & (M USD)
- Table 48. Asia Pacific Video Surveillance ICs Sales by Region (2020-2025) & (K Units)
- Table 49. Asia Pacific Video Surveillance ICs Market Size by Region (2020-2025) & (M USD)
- Table 50. South America Video Surveillance ICs Sales by Country (2020-2025) & (K Units)
- Table 51. South America Video Surveillance ICs Market Size by Country (2020-2025) & (M USD)
- Table 52. Middle East and Africa Video Surveillance ICs Sales by Region (2020-2025) & (K Units)
- Table 53. Middle East and Africa Video Surveillance ICs Market Size by Region (2020-2025) & (M USD)
- Table 54. Global Video Surveillance ICs Production (K Units) by Region(2020-2025)
- Table 55. Global Video Surveillance ICs Revenue (US\$ Million) by Region (2020-2025)
- Table 56. Global Video Surveillance ICs Revenue Market Share by Region (2020-2025)
- Table 57. Global Video Surveillance ICs Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 58. North America Video Surveillance ICs Production (K Units), Revenue (US\$

Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Europe Video Surveillance ICs Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. Japan Video Surveillance ICs Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. China Video Surveillance ICs Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 62. TI Basic Information

Table 63. TI Video Surveillance ICs Product Overview

Table 64. TI Video Surveillance ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. TI Business Overview

Table 66. TI SWOT Analysis

Table 67. TI Recent Developments

Table 68. STMicroelectronics Basic Information

Table 69. STMicroelectronics Video Surveillance ICs Product Overview

Table 70. STMicroelectronics Video Surveillance ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 71. STMicroelectronics Business Overview

Table 72. STMicroelectronics SWOT Analysis

Table 73. STMicroelectronics Recent Developments

Table 74. Marvell Basic Information

Table 75. Marvell Video Surveillance ICs Product Overview

Table 76. Marvell Video Surveillance ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 77. Marvell Business Overview

Table 78. Marvell SWOT Analysis

Table 79. Marvell Recent Developments

Table 80. Ingenic Semiconductor Inc Basic Information

Table 81. Ingenic Semiconductor Inc Video Surveillance ICs Product Overview

Table 82. Ingenic Semiconductor Inc Video Surveillance ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 83. Ingenic Semiconductor Inc Business Overview

Table 84. Ingenic Semiconductor Inc Recent Developments

Table 85. NextChip Basic Information

Table 86. NextChip Video Surveillance ICs Product Overview

Table 87. NextChip Video Surveillance ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 88. NextChip Business Overview

- Table 89. NextChip Recent Developments
- Table 90. Hisilicon Basic Information
- Table 91. Hisilicon Video Surveillance ICs Product Overview
- Table 92. Hisilicon Video Surveillance ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 93. Hisilicon Business Overview
- Table 94. Hisilicon Recent Developments
- Table 95. Shanghai Fullhan Basic Information
- Table 96. Shanghai Fullhan Video Surveillance ICs Product Overview
- Table 97. Shanghai Fullhan Video Surveillance ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 98. Shanghai Fullhan Business Overview
- Table 99. Shanghai Fullhan Recent Developments
- Table 100. Gokemirco Basic Information
- Table 101. Gokemirco Video Surveillance ICs Product Overview
- Table 102. Gokemirco Video Surveillance ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 103. Gokemirco Business Overview
- Table 104. Gokemirco Recent Developments
- Table 105. SigmaStar Semiconductor Basic Information
- Table 106. SigmaStar Semiconductor Video Surveillance ICs Product Overview
- Table 107. SigmaStar Semiconductor Video Surveillance ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 108. SigmaStar Semiconductor Business Overview
- Table 109. SigmaStar Semiconductor Recent Developments
- Table 110. Ambarella Basic Information
- Table 111. Ambarella Video Surveillance ICs Product Overview
- Table 112. Ambarella Video Surveillance ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 113. Ambarella Business Overview
- Table 114. Ambarella Recent Developments
- Table 115. Eeasytech Basic Information
- Table 116. Eeasytech Video Surveillance ICs Product Overview
- Table 117. Eeasytech Video Surveillance ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 118. Eeasytech Business Overview
- Table 119. Eeasytech Recent Developments
- Table 120. Beijing Vimicro Products Basic Information
- Table 121. Beijing Vimicro Products Video Surveillance ICs Product Overview

Table 122. Beijing Vimicro Products Video Surveillance ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 123. Beijing Vimicro Products Business Overview

Table 124. Beijing Vimicro Products Recent Developments

Table 125. Grain Media Basic Information

Table 126. Grain Media Video Surveillance ICs Product Overview

Table 127. Grain Media Video Surveillance ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 128. Grain Media Business Overview

Table 129. Grain Media Recent Developments

Table 130. Diodes Basic Information

Table 131. Diodes Video Surveillance ICs Product Overview

Table 132. Diodes Video Surveillance ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 133. Diodes Business Overview

Table 134. Diodes Recent Developments

Table 135. Renesas Electronics Basic Information

Table 136. Renesas Electronics Video Surveillance ICs Product Overview

Table 137. Renesas Electronics Video Surveillance ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 138. Renesas Electronics Business Overview

Table 139. Renesas Electronics Recent Developments

Table 140. Global Video Surveillance ICs Sales Forecast by Region (2026-2035) & (K Units)

Table 141. Global Video Surveillance ICs Market Size Forecast by Region (2026-2035) & (M USD)

Table 142. North America Video Surveillance ICs Sales Forecast by Country (2026-2035) & (K Units)

Table 143. North America Video Surveillance ICs Market Size Forecast by Country (2026-2035) & (M USD)

Table 144. Europe Video Surveillance ICs Sales Forecast by Country (2026-2035) & (K Units)

Table 145. Europe Video Surveillance ICs Market Size Forecast by Country (2026-2035) & (M USD)

Table 146. Asia Pacific Video Surveillance ICs Sales Forecast by Region (2026-2035) & (K Units)

Table 147. Asia Pacific Video Surveillance ICs Market Size Forecast by Region (2026-2035) & (M USD)

Table 148. South America Video Surveillance ICs Sales Forecast by Country

(2026-2035) & (K Units)

Table 149. South America Video Surveillance ICs Market Size Forecast by Country (2026-2035) & (M USD)

Table 150. Middle East and Africa Video Surveillance ICs Sales Forecast by Country (2026-2035) & (Units)

Table 151. Middle East and Africa Video Surveillance ICs Market Size Forecast by Country (2026-2035) & (M USD)

Table 152. Global Video Surveillance ICs Sales Forecast by Type (2026-2035) & (K Units)

Table 153. Global Video Surveillance ICs Market Size Forecast by Type (2026-2035) & (M USD)

Table 154. Global Video Surveillance ICs Price Forecast by Type (2026-2035) & (USD/Unit)

Table 155. Global Video Surveillance ICs Sales (K Units) Forecast by Application (2026-2035)

Table 156. Global Video Surveillance ICs Market Size Forecast by Application (2026-2035) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Video Surveillance ICs
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Video Surveillance ICs Market Size (M USD), 2025-2035
- Figure 5. Global Video Surveillance ICs Market Size (M USD) (2020-2035)
- Figure 6. Global Video Surveillance ICs Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Video Surveillance ICs Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Video Surveillance ICs Product Life Cycle
- Figure 13. Video Surveillance ICs Sales Share by Manufacturers in 2025
- Figure 14. Global Video Surveillance ICs Revenue Share by Manufacturers in 2025
- Figure 15. Video Surveillance ICs Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Video Surveillance ICs Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Video Surveillance ICs Revenue in 2025
- Figure 18. Industry Chain Map of Video Surveillance ICs
- Figure 19. Global Video Surveillance ICs Market PEST Analysis
- Figure 20. Global Video Surveillance ICs Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Video Surveillance ICs Market Share by Type
- Figure 27. Sales Market Share of Video Surveillance ICs by Type (2020-2025)
- Figure 28. Sales Market Share of Video Surveillance ICs by Type in 2025
- Figure 29. Market Share of Video Surveillance ICs by Type (2020-2025)
- Figure 30. Market Share of Video Surveillance ICs by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global Video Surveillance ICs Market Share by Application

- Figure 33. Global Video Surveillance ICs Sales Market Share by Application (2020-2025)
- Figure 34. Global Video Surveillance ICs Sales Market Share by Application in 2025
- Figure 35. Global Video Surveillance ICs Market Share by Application (2020-2025)
- Figure 36. Global Video Surveillance ICs Market Share by Application in 2025
- Figure 37. Global Video Surveillance ICs Sales Growth Rate by Application (2020-2025)
- Figure 38. Global Video Surveillance ICs Sales Market Share by Region (2020-2025)
- Figure 39. Global Video Surveillance ICs Market Size by Region (2020-2025)
- Figure 40. North America Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 41. North America Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 42. North America Video Surveillance ICs Sales Market Share by Country in 2024
- Figure 43. North America Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 44. North America Video Surveillance ICs Market Size by Country in 2024
- Figure 45. U.S. Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 46. U.S. Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 47. Canada Video Surveillance ICs Sales (K Units) and Growth Rate (2020-2025)
- Figure 48. Canada Video Surveillance ICs Market Size (M USD) and Growth Rate (2020-2025)
- Figure 49. Mexico Video Surveillance ICs Sales (Units) and Growth Rate (2020-2025)
- Figure 50. Mexico Video Surveillance ICs Market Size (Units) and Growth Rate (2020-2025)
- Figure 51. Europe Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 52. Europe Video Surveillance ICs Sales Market Share by Country in 2024
- Figure 53. Europe Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 54. Europe Video Surveillance ICs Market Size by Country in 2024
- Figure 55. Germany Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 56. Germany Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 57. France Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Video Surveillance ICs Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Video Surveillance ICs Sales Market Share by Region in 2024

Figure 67. Asia Pacific Video Surveillance ICs Market Size by Region in 2024

Figure 68. China Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Video Surveillance ICs Sales and Growth Rate (K Units)

Figure 79. South America Video Surveillance ICs Sales Market Share by Country in 2024

Figure 80. South America Video Surveillance ICs Market Size and Growth Rate (M USD)

- Figure 81. South America Video Surveillance ICs Market Size by Country in 2024
- Figure 82. Brazil Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 83. Brazil Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 84. Argentina Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 85. Argentina Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 86. Columbia Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 87. Columbia Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 88. Middle East and Africa Video Surveillance ICs Sales and Growth Rate (K Units)
- Figure 89. Middle East and Africa Video Surveillance ICs Sales Market Share by Region in 2024
- Figure 90. Middle East and Africa Video Surveillance ICs Market Size and Growth Rate (M USD)
- Figure 91. Middle East and Africa Video Surveillance ICs Market Size by Region in 2024
- Figure 92. Saudi Arabia Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 93. Saudi Arabia Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 94. UAE Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 95. UAE Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 96. Egypt Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 97. Egypt Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 98. Nigeria Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 99. Nigeria Video Surveillance ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 100. South Africa Video Surveillance ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 101. South Africa Video Surveillance ICs Market Size and Growth Rate

(2020-2025) & (M USD)

Figure 102. Global Video Surveillance ICs Production Market Share by Region  
(2020-2025)

Figure 103. North America Video Surveillance ICs Production (K Units) Growth Rate  
(2020-2025)

Figure 104. Europe Video Surveillance ICs Production (K Units) Growth Rate  
(2020-2025)

Figure 105. Japan Video Surveillance ICs Production (K Units) Growth Rate  
(2020-2025)

Figure 106. China Video Surveillance ICs Production (K Units) Growth Rate  
(2020-2025)

Figure 107. Global Video Surveillance ICs Sales Forecast by Volume (2020-2035) & (K  
Units)

Figure 108. Global Video Surveillance ICs Market Size Forecast by Value (2020-2035)  
& (M USD)

Figure 109. Global Video Surveillance ICs Sales Market Share Forecast by Type  
(2026-2035)

Figure 110. Global Video Surveillance ICs Market Share Forecast by Type (2026-2035)

Figure 111. Global Video Surveillance ICs Sales Forecast by Application (2026-2035)

Figure 112. Global Video Surveillance ICs Market Share Forecast by Application  
(2026-2035)

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