

Global AI Video Monitoring Chip Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global AI Video Monitoring Chip market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

AI chip in common sense refers to the chip with special acceleration design for AI algorithm. At present, AI algorithm is mainly based on deep learning algorithm, which can also include other machine learning algorithms. AI video monitoring chip is characterized by powerful performance, can support a large number of operations at the same time, and can flexibly support different AI applications such as pictures, voice and video. The technology based on cloud AI chip can enable all kinds of intelligent devices and cloud servers to connect quickly, and the connection can maintain maximum stability.

This report studies the global AI Video Monitoring Chip production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for AI Video Monitoring Chip, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of AI Video Monitoring Chip that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global AI Video Monitoring Chip total production and demand, 2018-2029, (K Units)

Global AI Video Monitoring Chip total production value, 2018-2029, (USD Million)

Global AI Video Monitoring Chip production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global AI Video Monitoring Chip consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: AI Video Monitoring Chip domestic production, consumption, key domestic manufacturers and share

Global AI Video Monitoring Chip production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global AI Video Monitoring Chip production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global AI Video Monitoring Chip production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global AI Video Monitoring Chip market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include STMicroelectronics, Marvell, Texas Instruments, AMBARELLA TAIWAN LTD., Intel, Samsung, Sony, Hisilicon and NXP Semiconductors Taiwan Ltd., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World AI Video Monitoring Chip market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global AI Video Monitoring Chip Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global AI Video Monitoring Chip Market, Segmentation by Type

Front-end chip

Back-end Chip

Global AI Video Monitoring Chip Market, Segmentation by Application

Security

Server

Autopilot

Robot

Other

Companies Profiled:

STMicroelectronics

Marvell

Texas Instruments

AMBARELLA TAIWAN LTD.

Intel

Samsung

Sony

Hisilicon

NXP Semiconductors Taiwan Ltd.

Sigmastar Technology Ltd

Ingenic Semiconductor Co.,Ltd.

Hunan Goke Microelectronics Co.,Ltd.

Hangzhou Hikvision Digital Technology Co., Ltd.

Shanghai Fullhan Microelectronics Co.,Ltd.

Uniview Technologies Co.,Ltd.

Vimicro

Grain Media Inc.

Corerain

Nextchip Co. Ltd.

Key Questions Answered

1. How big is the global AI Video Monitoring Chip market?
2. What is the demand of the global AI Video Monitoring Chip market?
3. What is the year over year growth of the global AI Video Monitoring Chip market?
4. What is the production and production value of the global AI Video Monitoring Chip market?
5. Who are the key producers in the global AI Video Monitoring Chip market?
6. What are the growth factors driving the market demand?

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