USB Camera Controller Market Forecast to 2030 - Global Analysis by Type (USB 2.0 and USB 3.0), Device Type (Remote and Joystick), Connectivity (Wired and Wireless), and Application (Residential and Nonresidential)

Market Report | 2023-07-26 | 195 pages | The Insight Partners

AVAILABLE LICENSES:

- Single User Price $4550.00
- Site Price $6550.00
- Enterprise Price $8550.00

Report description:

The USB Camera Controller market size is expected to grow from US$ 1.61 billion in 2022 and is expected to reach US$ 4.87 billion by 2030; it is estimated to record a CAGR of 15.1% from 2023 to 2030.

The demand for live video streaming is growing tremendously worldwide. According to a report by Vimeo, live content holds viewers' attention 10-20 times longer than pre-recorded videos, which is increasing the demand for live video streaming. This growth will further lead to the next e-commerce revolution, with the growing fusion of interactive videos with online shopping. This live commerce is expected to reach US$ 57 billion by 2025 in the US alone. This rising demand for live video streaming is expected to raise the need for USB cameras providing high image quality and high resolution to capture every minute detail in the video. Due to this rising demand for high image quality and high resolution, market players are focusing on developing innovative solutions. For instance, in January 2023, Sony announced the launch of the ILME-FR7, an E-mount interchangeable lens camera with a full-frame image sensor and built-in pan/tilt/zoom (PTZ) functionality. It provides high zoom capability and wide-angle shooting flexibility to break through location and space limitations. Also, this camera is equipped with versatile remote control and cinematic features, particularly for the studio, live production, and filmmaking settings. Similarly, in May 2021, THine Electronics, Inc. introduced its new THEIA-CAM family of camera Reference Design Kits. The new kit uses THine's THP7312 image signal processor (ISP), Cypress' EZ-USB CX3 USB 3.0 camera controller, and Sony's IMX258 13MP CMOS PDAF image sensor. The camera kit provides ultra-high resolution, superspeed USB, and instant autofocus, which can be used for the development and production of embedded streaming video applications. Thus, the rising demand for high resolution and high image quality USB cameras with controllers, along with the growing innovations by market players, is expected to propel the growth of the USB camera controller market during the forecast period.

The COVID-19 pandemic created severe disruptions across industries, including electronics and semiconductors. Every phase of businesses, including the manufacturing units, capital expenditures, R&D, demand, supply chain, production decisions, and mergers and acquisitions (M&A), witnessed drastic changes. Europe witnessed a varying impact of the COVID-19 pandemic across economically diverse countries. Countries such as Germany, the UK, the Netherlands, and France imposed stringent restrictions and closed their borders to curb the virus spread. Additionally, with the surge in cases, countries such as Italy, Russia, and Spain shut down business and manufacturing operations for a few months. The onset of the pandemic led to near-total cancellation or postponement of shootings, premieres, spring festivals, and entertainment events, causing huge losses to the European media & entertainment sector, including the camera market. With the negative impact on the camera market and related accessories, the USB camera controller market got affected. However, numerous European countries started experiencing swift recovery from Q4 2020. In 2021, almost all the European countries have acted promptly to limit the spread of the virus, and therefore, the economy has steadily opened, supporting the recovery of industries, including the media & entertainment industry.

The USB camera controller market in APAC is segmented into China, India, Japan, Australia, South Korea, and the Rest of APAC. The demand for USB cameras is driven by the increasing development of building infrastructures in APAC. With the growing infrastructural development, the need for security is also increasing in the above countries, which is expected to play a vital role in the adoption of USB cameras in the region, further fueling the growth of the USB camera controller market. The major office building construction projects initiated in APAC in 2022 are as follows:

-Seomyeon Office Building Development Project (US$ 715 million) involves the construction of a 32-story office building with eight floors in South Korea.

-360 Queen Street Office Tower project (US$ 608 million) involves the construction of a 33-story, 200 m high office tower in Australia.

-Uchikanda 1-Chome District Redevelopment project (US$ 521 million) aims to provide better office spaces in Japan. This project will redevelop the Corp Building and the Hitachi Kamakurabashi Building into an office complex.

-Bestfield Commercial Development (US$ 425 million) project involves the construction of three 22-story commercial towers in India.

The construction of such commercial infrastructure requires high-end security, which can be provided through USB cameras, as surveillance, zooming, and focusing on a particular area in the camera range can be easily managed using a joystick or remote. This is propelling the growth of the USB camera controller market in APAC.

The region has the presence of a large number of USB camera controller market players, including Sony Group Corp, Aver Information Inc, Genesys Logic Inc, Shenzhen Minrray Industry Co Ltd, SZ Tenveo, and Sonix Technology Co Ltd. These USB camera controller market players are continuously working on the innovation and development of advanced products. For instance, in January 2023, Sony announced the launch of the ILME-FR7, an E-mount interchangeable lens camera with a full-frame image sensor and built-in pan/tilt/zoom (PTZ) functionality. This camera is equipped with versatile remote control and cinematic features, particularly for the studio, live production, and filmmaking settings. Such innovations by the market players will further boost the APAC USB camera controller market growth.

Aver Information Inc; Genesys Logic Inc; Infineon Technologies AG; PTZOptics; Realtek Semiconductor Corp; Shenzhen Minrray Industry Co Ltd; Sonix Technology Co Ltd; Sony Group Corp; SZ Tenveo; and TREEHAVEN Technologies Inc are among the players operating in the global USB camera controller market and profiled in this market study.

The overall USB camera controller market size has been derived using both primary and secondary sources. To begin the USB

camera controller market analysis research process, exhaustive secondary research has been conducted using internal and external sources to obtain qualitative and quantitative information related to the USB camera controller market. The process also serves the purpose of obtaining an overview and market forecast of the USB camera controller market growth with respect to all market segments. Also, multiple primary interviews have been conducted with industry participants and commentators to validate the data and gain more analytical insights about the topic. Participants of this process include industry experts such as VPs, business development managers, market intelligence managers, and national sales managers-along with external consultants such as valuation experts, research analysts, and key opinion leaders-specializing in the USB camera controller market.

Table of Contents:

TABLE OF CONTENTS

1. Introduction
1.1 Study Scope
1.2 The Insight Partners Research Report Guidance
1.3 Market Segmentation
2. Key Takeaways
3. Research Methodology
3.1 Coverage
3.2 Secondary Research
3.3 Primary Research
4. USB Camera Controller Market Landscape
4.1 Market Overview
4.2 PEST Analysis
4.2.1 North America
4.2.2 Europe
4.2.3 APAC
4.2.4 MEA
4.2.5 SAM
4.3 Ecosystem Analysis
4.4 Expert Opinions
5. USB Camera Controller Market - Key Market Dynamics
5.1 Market Drivers
5.1.1 Rising Construction Projects Worldwide
5.1.2 Growing Mining Activities
5.2 Key Market Restraints
5.2.1 Surging Demand for Software Controller for USB Cameras
5.3 Key Market Opportunities
5.3.1 Growing Esports Industry
5.4 Future Trends
5.4.1 Increasing Demand for High Resolution and High Image Quality USB Cameras with Controllers
5.5 Impact Analysis of Drivers and Restraints
6. USB Camera Controller Market - Global Market Analysis
6.1 Global USB Camera Controller Market Overview
6.2 Global USB Camera Controller Market Revenue Forecast and Analysis
6.3 Market Positioning - Five Key Players
7. USB Camera Controller Market Revenue and Forecast to 2030 - Type
7.1 Overview

7.2 USB Camera Controller Market, By Type (2022 & 2030)
7.3 USB 2.0
7.3.1 Overview
7.3.2 USB 2.0: USB Camera Controller Market Revenue and Forecast to 2030 (US$ Million)
7.4 USB 3.0
7.4.1 Overview
7.4.2 USB 3.0: USB Camera Controller Market Revenue and Forecast to 2030 (US$ Million)
8. USB Camera Controller Market Revenue and Forecast to 2030 - Device Type
8.1 Overview
8.2 USB Camera Controller Market, By Device Type (2022 & 2030)
8.3 Remote
8.3.1 Overview
8.3.2 Remote: USB Camera Controller Market Revenue and Forecast to 2030 (US$ Million)
8.4 Joystick
8.4.1 Overview
8.4.2 Joystick: USB Camera Controller Market Revenue and Forecast to 2030 (US$ Million)
9. USB Camera Controller Market Revenue and Forecast to 2030 - Connectivity
9.1 Overview
9.2 USB Camera Controller Market, By Connectivity (2022 & 2030)
9.3 Wired
9.3.1 Overview
9.3.2 Wired: USB Camera Controller Market Revenue and Forecast to 2030 (US$ Million)
9.4 Wireless
9.4.1 Overview
9.4.2 Wireless: USB Camera Controller Market Revenue and Forecast to 2030 (US$ Million)
10. USB Camera Controller Market Revenue and Forecast to 2030 - Application
10.1 Overview
10.2 USB Camera Controller Market, By Connectivity (2022 & 2030)
10.3 Residential
10.3.1 Overview
10.3.2 Residential: USB Camera Controller Market Revenue and Forecast to 2030 (US$ Million)
10.4 Nonresidential
10.4.1 Overview
10.4.2 Nonresidential: USB Camera Controller Market Revenue and Forecast to 2030 (US$ Million)
11. USB Camera Controller Market - Geographic Analysis
11.1 Overview
11.2 North America: USB Camera Controller Market
11.2.1 North America: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.2.2 North America: USB Camera Controller Market, By Type
11.2.3 North America: USB Camera Controller Market, by Device Type
11.2.4 North America: USB Camera Controller Market, by Connectivity
11.2.5 North America: USB Camera Controller Market, by Application
11.2.6 North America: USB Camera Controller Market, by Key Country
11.2.6.1 US: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.2.6.1.1 US: USB Camera Controller Market, By Type
11.2.6.1.2 US: USB Camera Controller Market, by Device Type
11.2.6.1.3 US: USB Camera Controller Market, by Connectivity

11.2.6.1.4 US: USB Camera Controller Market, by Application
11.2.6.2 Canada: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.2.6.2.1 Canada: USB Camera Controller Market, By Type
11.2.6.2.2 Canada: USB Camera Controller Market, by Device Type
11.2.6.2.3 Canada: USB Camera Controller Market, by Connectivity
11.2.6.2.4 Canada: USB Camera Controller Market, by Application
11.2.6.3 Mexico: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.2.6.3.1 Mexico: USB Camera Controller Market, By Type
11.2.6.3.2 Mexico: USB Camera Controller Market, by Device Type
11.2.6.3.3 Mexico: USB Camera Controller Market, by Connectivity
11.2.6.3.4 Mexico: USB Camera Controller Market, by Application
11.3 Europe: USB Camera Controller Market
11.3.1 Europe: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.3.2 Europe: USB Camera Controller Market, By Type
11.3.3 Europe: USB Camera Controller Market, by Device Type
11.3.4 Europe: USB Camera Controller Market, by Connectivity
11.3.5 Europe: USB Camera Controller Market, by Application
11.3.6 Europe: USB Camera Controller Market, by Key Country
11.3.6.1 Germany: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.3.6.1.1 Germany: USB Camera Controller Market, By Type
11.3.6.1.2 Germany: USB Camera Controller Market, by Device Type
11.3.6.1.3 Germany: USB Camera Controller Market, by Connectivity
11.3.6.1.4 Germany: USB Camera Controller Market, by Application
11.3.6.2 France: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.3.6.2.1 France: USB Camera Controller Market, By Type
11.3.6.2.2 France: USB Camera Controller Market, by Device Type
11.3.6.2.3 France: USB Camera Controller Market, by Connectivity
11.3.6.2.4 France: USB Camera Controller Market, by Application
11.3.6.3 Italy: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.3.6.3.1 Italy: USB Camera Controller Market, By Type
11.3.6.3.2 Italy: USB Camera Controller Market, by Device Type
11.3.6.3.3 Italy: USB Camera Controller Market, by Connectivity
11.3.6.3.4 Italy: USB Camera Controller Market, by Application
11.3.6.4 Spain: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.3.6.4.1 Spain: USB Camera Controller Market, By Type
11.3.6.4.2 Spain: USB Camera Controller Market, by Device Type
11.3.6.4.3 Spain: USB Camera Controller Market, by Connectivity
11.3.6.4.4 Spain: USB Camera Controller Market, by Application
11.3.6.5 UK: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.3.6.5.1 UK: USB Camera Controller Market, By Type
11.3.6.5.2 UK: USB Camera Controller Market, by Device Type
11.3.6.5.3 UK: USB Camera Controller Market, by Connectivity
11.3.6.5.4 UK: USB Camera Controller Market, by Application
11.3.6.6 Rest of Europe: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.3.6.6.1 Rest of Europe: USB Camera Controller Market, By Type
11.3.6.6.2 Rest of Europe: USB Camera Controller Market, by Device Type
11.3.6.6.3 Rest of Europe: USB Camera Controller Market, by Connectivity

11.3.6.6.4 Rest of Europe: USB Camera Controller Market, by Application
11.4 Asia Pacific: USB Camera Controller Market
11.4.1 Asia Pacific: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.4.2 Asia Pacific: USB Camera Controller Market, By Type
11.4.3 Asia Pacific: USB Camera Controller Market, by Device Type
11.4.4 Asia Pacific: USB Camera Controller Market, by Connectivity
11.4.5 Asia Pacific: USB Camera Controller Market, by Application
11.4.6 Asia Pacific: USB Camera Controller Market, by Key Country
11.4.6.1 Taiwan: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.4.6.1.1 Taiwan: USB Camera Controller Market, By Type
11.4.6.1.2 Taiwan: USB Camera Controller Market, by Device Type
11.4.6.1.3 Taiwan: USB Camera Controller Market, by Connectivity
11.4.6.1.4 Taiwan: USB Camera Controller Market, by Application
11.4.6.2 China: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.4.6.2.1 China: USB Camera Controller Market, By Type
11.4.6.2.2 China: USB Camera Controller Market, by Device Type
11.4.6.2.3 China: USB Camera Controller Market, by Connectivity
11.4.6.2.4 China: USB Camera Controller Market, by Application
11.4.6.3 India: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.4.6.3.1 India: USB Camera Controller Market, By Type
11.4.6.3.2 India: USB Camera Controller Market, by Device Type
11.4.6.3.3 India: USB Camera Controller Market, by Connectivity
11.4.6.3.4 India: USB Camera Controller Market, by Application
11.4.6.4 Japan: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.4.6.4.1 Japan: USB Camera Controller Market, By Type
11.4.6.4.2 Japan: USB Camera Controller Market, by Device Type
11.4.6.4.3 Japan: USB Camera Controller Market, by Connectivity
11.4.6.4.4 Japan: USB Camera Controller Market, by Application
11.4.6.5 South Korea: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.4.6.5.1 South Korea: USB Camera Controller Market, By Type
11.4.6.5.2 South Korea: USB Camera Controller Market, by Device Type
11.4.6.5.3 South Korea: USB Camera Controller Market, by Connectivity
11.4.6.5.4 South Korea: USB Camera Controller Market, by Application
11.4.6.6 Rest of APAC: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.4.6.6.1 Rest of APAC: USB Camera Controller Market, By Type
11.4.6.6.2 Rest of APAC: USB Camera Controller Market, by Device Type
11.4.6.6.3 Rest of APAC: USB Camera Controller Market, by Connectivity
11.4.6.6.4 Rest of APAC: USB Camera Controller Market, by Application
11.5 MEA: USB Camera Controller Market
11.5.1 MEA: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.5.2 MEA: USB Camera Controller Market, By Type
11.5.3 MEA: USB Camera Controller Market, by Device Type
11.5.4 MEA: USB Camera Controller Market, by Connectivity
11.5.5 MEA: USB Camera Controller Market, by Application
11.5.6 MEA: USB Camera Controller Market, by Key Country
11.5.6.1 South Africa: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.5.6.1.1 South Africa: USB Camera Controller Market, By Type

11.5.6.1.2 South Africa: USB Camera Controller Market, by Device Type
11.5.6.1.3 South Africa: USB Camera Controller Market, by Connectivity
11.5.6.1.4 South Africa: USB Camera Controller Market, by Application
11.5.6.2 Saudi Arabia: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.5.6.2.1 Saudi Arabia: USB Camera Controller Market, By Type
11.5.6.2.2 Saudi Arabia: USB Camera Controller Market, by Device Type
11.5.6.2.3 Saudi Arabia: USB Camera Controller Market, by Connectivity
11.5.6.2.4 Saudi Arabia: USB Camera Controller Market, by Application
11.5.6.3 UAE: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.5.6.3.1 UAE: USB Camera Controller Market, By Type
11.5.6.3.2 UAE: USB Camera Controller Market, by Device Type
11.5.6.3.3 UAE: USB Camera Controller Market, by Connectivity
11.5.6.3.4 UAE: USB Camera Controller Market, by Application
11.5.6.4 Rest of MEA: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.5.6.4.1 Rest of MEA: USB Camera Controller Market, By Type
11.5.6.4.2 Rest of MEA: USB Camera Controller Market, by Device Type
11.5.6.4.3 Rest of MEA: USB Camera Controller Market, by Connectivity
11.5.6.4.4 Rest of MEA: USB Camera Controller Market, by Application
11.6 SAM: USB Camera Controller Market
11.6.1 SAM: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.6.2 SAM: USB Camera Controller Market, By Type
11.6.3 SAM: USB Camera Controller Market, by Device Type
11.6.4 SAM: USB Camera Controller Market, by Connectivity
11.6.5 SAM: USB Camera Controller Market, by Application
11.6.6 SAM: USB Camera Controller Market, by Key Country
11.6.6.1 Brazil: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.6.6.1.1 Brazil: USB Camera Controller Market, By Type
11.6.6.1.2 Brazil: USB Camera Controller Market, by Device Type
11.6.6.1.3 Brazil: USB Camera Controller Market, by Connectivity
11.6.6.1.4 Brazil: USB Camera Controller Market, by Application
11.6.6.2 Argentina: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.6.6.2.1 Argentina: USB Camera Controller Market, By Type
11.6.6.2.2 Argentina: USB Camera Controller Market, by Device Type
11.6.6.2.3 Argentina: USB Camera Controller Market, by Connectivity
11.6.6.2.4 Argentina: USB Camera Controller Market, by Application
11.6.7 Rest of SAM: USB Camera Controller Market - Revenue and Forecast to 2030 (US$ Million)
11.6.7.1.1 Rest of SAM: USB Camera Controller Market, By Type
11.6.7.1.2 Rest of SAM: USB Camera Controller Market, by Device Type
11.6.7.1.3 Rest of SAM: USB Camera Controller Market, by Connectivity
11.6.7.1.4 Rest of SAM: USB Camera Controller Market, by Application
12. USB Camera Controller Market - Covid-19 Impact Analysis
12.1 Overview
12.2 North America: Impact Assessment of COVID-19 Pandemic
12.3 Europe: Impact Assessment of COVID-19 Pandemic
12.4 Asia Pacific: Impact Assessment of COVID-19 Pandemic
12.5 MEA: Impact Assessment of COVID-19 Pandemic
12.6 South America Impact Assessment of COVID-19 Pandemic

13. Industry Landscape
13.1 Overview
13.2 Market Initiative
13.3 Product Development
13.4 Mergers & Acquisitions
14. Company Profiles
14.1 Infineon Technologies AG
14.1.1 Key Facts
14.1.2 Business Description
14.1.3 Products and Services
14.1.4 Financial Overview
14.1.5 SWOT Analysis
14.1.6 Key Developments
14.2 Realtek Semiconductor Corp
14.2.1 Key Facts
14.2.2 Business Description
14.2.3 Products and Services
14.2.4 Financial Overview
14.2.5 SWOT Analysis
14.2.6 Key Developments
14.3 Sony Group Corp
14.3.1 Key Facts
14.3.2 Business Description
14.3.3 Products and Services
14.3.4 Financial Overview
14.3.5 SWOT Analysis
14.3.6 Key Developments
14.4 Aver Information Inc
14.4.1 Key Facts
14.4.2 Business Description
14.4.3 Products and Services
14.4.4 Financial Overview
14.4.5 SWOT Analysis
14.4.6 Key Developments
14.5 Genesys Logic Inc
14.5.1 Key Facts
14.5.2 Business Description
14.5.3 Products and Services
14.5.4 Financial Overview
14.5.5 SWOT Analysis
14.5.6 Key Developments
14.6 Shenzhen Minrray Industry Co Ltd
14.6.1 Key Facts
14.6.2 Business Description
14.6.3 Products and Services
14.6.4 Financial Overview
14.6.5 SWOT Analysis

14.6.6 Key Developments
14.7 TREEHAVEN Technologies Inc
14.7.1 Key Facts
14.7.2 Business Description
14.7.3 Products and Services
14.7.4 Financial Overview
14.7.5 SWOT Analysis
14.7.6 Key Developments
14.8 PTZOptics
14.8.1 Key Facts
14.8.2 Business Description
14.8.3 Products and Services
14.8.4 Financial Overview
14.8.5 SWOT Analysis
14.8.6 Key Developments
14.9 SZ Tenveo
14.9.1 Key Facts
14.9.2 Business Description
14.9.3 Products and Services
14.9.4 Financial Overview
14.9.5 SWOT Analysis
14.9.6 Key Developments
14.10 Sonix Technology Co Ltd
14.10.1 Key Facts
14.10.2 Business Description
14.10.3 Products and Services
14.10.4 Financial Overview
14.10.5 SWOT Analysis
14.10.6 Key Developments
15. Appendix
15.1 About The Insight Partners
15.2 Word Index

SCOTTS INTERNATIONAL

USB Camera Controller Market Forecast to 2030 - Global Analysis by Type (USB 2.0 and USB 3.0), Device Type (Remote and Joystick), Connectivity (Wired and Wireless), and Application (Residential and Nonresidential)

Market Report | 2023-07-26 | 195 pages | The Insight Partners

To place an Order with Scotts International:

- - Print this form
- - Complete the relevant blank fields and sign
- - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User Price	$4550.00
	Site Price	$6550.00
	Enterprise Price	$8550.00
	VAT	
	Total	

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	
		Date	2026-03-11

Signature