

# Asia-Pacific Professional 3D Camera Market Global Trends, Share, Growth, Opportunity, and Forecast, 2020 – 2030

*Asia-Pacific Professional 3D Camera Market Expected to Reach \$21.06 Billion by 2030*

WILMINGTON, DELAWARE, UNITED STATES, June 13, 2024

/EINPresswire.com/ -- The [Asia-Pacific professional 3D camera market](#) share

and professional 3D camera market size is expected to witness considerable growth, owing to an increase in demand for consumer electronics and an increase in the adoption of smart technologies in the region.

Allied Market Research, titled, “Professional 3D Camera Market by Type, Technology, and Application: Regional Opportunity Analysis and Industry Forecast, 2021–2030”, the Asia-Pacific professional 3D camera market size was valued at \$1.00 billion in 2020, and is projected to reach \$21.06 billion by 2030, growing at a CAGR of 35.3% from 2021 to 2030.



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Factors such as the Increased application of professional 3D cameras in the media & entertainment industry to record 3D content drive the growth of the Asia-Pacific Professional 3D Camera market”

*Allied Market Research*

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3D cameras are advantageous when capturing a high-quality 3D visual of any object. Professional 3D cameras include compact cameras, studio cameras, camcorders, and EFP (Electronic Field Production)/ENG (Electronic News Gathering) cameras. These cameras are used for commercial as well as non-commercial purposes. They are either available as standalone cameras or are embedded

in imaging systems. Pro 3D cameras find numerous applications, including scene recording for 3D movies or games, industrial activity monitoring construction, arts, and manufacturing. The

evolving 3D scanning algorithms further contribute to the sophistication of professional 3D camera-based products such as Insta360 Pro 2 footage.

Increased application of professional 3D cameras in the media & entertainment industry to record 3D content is the major driving factor for the market growth. Other factors that drive the market include the rise in the adoption of professional 3D cameras in industries such as manufacturing, construction, civil infrastructure, and historical site maintenance. However, some of the restraints associated with its business attractiveness are higher prices as compared to 2D alternatives and lack of consumer awareness. However, this limitation is expected to diminish in the future, owing to the ongoing improvements in the 3D imaging industry. In addition, the rise in virtual reality products is expected to contribute to the adoption of professional 3D cameras in a greater sense.

The Asia-Pacific professional 3D camera industry is expected to reach \$ 21,058.7 million by 2030, growing at a CAGR of 35.3% during the forecast period. Commonly used technologies in the market are time of flight, stereo vision, and structured light imaging. Among all, stereo vision cameras are the most popular, owing to their simplicity and low cost.

Based on type, the Asia-Pacific professional 3D camera market share is divided into target cameras and free cameras. Presently, target cameras drive the market owing to their ability to render objects in images. The dominance of target cameras is expected to continue during the forecast period.

Based on application, the Asia-Pacific professional 3D camera market analysis is bifurcated into photography cameras and recording cameras. Cameras for photography accounted for higher revenue of \$ 1,003.4 million in 2020 and the segment is expected to grow at a CAGR of 33.2% during the forecast period.

China was the highest revenue-generating region, accounting for \$299.1 million in 2020. An increase in consumer awareness paired with expansion in 3D movies concept are key contributors to the growth in the Professional 3D camera market in China. However, Japan is expected to generate revenue of \$5,226.8 million by 2030, growing at a CAGR of 37.6% during the forecast period.

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The Asia-Pacific Professional 3D Camera industry's key market players adopt various strategies such as product launch, product development, collaboration, partnership, and agreements to influence the market. It includes details about the key players in the market's strengths, product portfolio, market size and share analysis, operational results, and market positioning.

Canon Inc.  
Matterport  
Lytro Inc.  
Fujifilms  
GoPro Inc.  
Eastman Kodak Company  
Nikon Corporation  
Panasonic Corporation  
Sony Corporation  
Faro Technologies

Canon Inc.

Matterport

Lytro Inc.

Fujifilms

GoPro Inc.

Eastman Kodak Company

Nikon Corporation

Panasonic Corporation

Sony Corporation

Faro Technologies

COVID-19 has caused the overall semiconductor industry to mobilize quickly and make short-term decisions with long-term implications. Major companies operate in a complex ecosystem, working across the value chain with numerous raw materials, assembly, test, package, and equipment suppliers & partners across the region.

Demand from the IT & telecommunication segment is expected to increase, owing to factors such as rise in broadband usage, higher demand for cloud services, and video streaming. In addition, in the medium to long term, COVID-19 is expected to further push the need for digital transformation and technologies, such as 5G, IoT, AI, and intelligent edge computing for future optimization.

Some of the professional 3D camera manufacturers in Asia-Pacific have witnessed temporary delays in production, increased costs, and revenue losses due to the pandemic.

The manufacturing sector witnessed severe loss, and thus, no new orders were placed during the pandemic. In addition, this impact was estimated to continue till 2021. Moreover, international consumer electronics and professional 3D camera market trends are in a very weak state, owing to lockdowns imposed to tackle the pandemic. Although the markets in the U.S. and Europe witnessed mild recovery in the second half of 2020, they are still significantly down on pre-crisis levels. Therefore, the Asia-Pacific professional 3D camera market growth faced major obstacles due to the emergence of the COVID-19 pandemic.

The pandemic impacted the production process of several industries, including semiconductors and electronics. Trade barriers have further constrained the demand and supply outlook. The overall production process is adversely affected as governments of different countries have already announced a total lockdown and temporary shutdown of industries.

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- The target camera segment trends are expected to generate the highest revenue during the forecast period.
- The stereo vision segment is expected to generate the highest revenue during the forecast period.
- The still photography segment is expected to register the highest revenue during the forecast period.
- North America is expected to register the highest revenue during the forecast period.

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