Professional 3D Camera Market to Reach $73.53 Billion By 2030, at 31.7% CAGR | Top Impacting Factors

WILMINGTON, DELAWARE , UNITED STATES, February 7, 2024 /EINPresswire.com/ -- According to a recent report published by Allied Market Research, titled, [Professional 3D Camera Market]() By Type (Target Camera and Free Camera), Technology (Time of Flight, Stereo Vision, and Structured Light), and Application (Photography and Recording): Global Opportunity Analysis and Industry Forecast, 2020-2030

Professional 3D Camera Market 2030

The global professional 3D camera market was valued at $4.62 billion in 2020, and is projected to reach $73.53 billion by 2030, growing at a CAGR of 31.7% from 2021 to 2030.

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> “The global professional 3D camera market is expected to witness considerable growth, owing to increase in demand for consumer electronics and increase in adoption of smart technologies globally.”
>
> *David Correa*

3D cameras are advantageous while 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 purpose.

These cameras are either available as standalone cameras or are embedded on imaging systems. Professional 3D cameras find numerous applications, including scene recording for 3D movie 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 matter port and others. The matter port pro 3 release date was in 2020 and it has assisted in the market growth significantly.

Increased application of professional 3D cameras in the media & entertainment industry to record 3D content is the major driving factor professional 3D camera industry. Other factors that drive the market include the rise in adoption of professional 3D cameras in the 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 greater sense.

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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 its simplicity and low cost.

On the basis of type, the professional 3D camera market is divided into target cameras and free cameras. Presently, target cameras drive the market owing to its ability of rendering objects in image. The dominance of target cameras is expected to continue during the forecast period.

On the basis of application, the market is bifurcated into photography cameras and recording camera. Cameras for photography accounted for higher revenue of $36,804.1 million in 2020 and the segment is expected to grow at a CAGR of 29.6% during the forecast period.

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North America was the highest revenue-generating region, accounting for $1,798.3 million in 2020. Increase in consumer awareness paired with expansion in 3D movies concept are key contributors for the growth in the North American 3D camera market. However, Asia-Pacific is expected to generate a revenue of $21,058.7 million by 2030, growing at a CAGR of 35.3% during the forecast period.

The key players profiled in the report include Canon Inc., Matterport, Lytro Inc., Fujifilms, GoPro Inc., Eastman Kodak Company, Nikon Corporation, Panasonic Corporation, Sony Corporation, and Faro Technologies. These key players have adopted several strategies, such as new product launch &development, acquisition, partnership &collaboration, and business expansion to increase footprint in the professional 3D camera market during the forecast period.

The global professional 3D camera industry was thoroughly researched through a comprehensive approach combining primary and secondary research methodologies. Secondary research provided a broad overview of goods and services, whereas primary research delved deeper into the various factors driving the market. To obtain comprehensive insights into the industry, a meticulous search was undertaken utilizing various sources such as press releases, specialized business periodicals, and government websites. This meticulous research methodology has provided a unique and extensive insight into the global professional 3D camera market.

Key Findings Of Study
• The target camera segment is 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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