

Global 3D Projector Market grows 7.1% to reach USD 6.67 Billion in 2030 | Emergen Research

Adoption of 3D projectors in movie theaters is a key factor driving global 3D projector market revenue growth

VANCOUVER, BC, CANADA, January 31, 2023 /EINPresswire.com/ -- The global [3D projector market](#) size is expected to reach USD 6.67 Billion in 2030 and register a steady revenue CAGR of 7.1% over the forecast period, according to latest analysis by Emergen Research.

Steady 3D projector market revenue

growth can be attributed to its adoption in movie theaters. The most popular 3D movie system in cinemas beams the picture onto a silver screen using circular polarization, which is created by a filter in front of the projector. One element of the electric field is slowed down by the filter, which causes linearly polarized light to become circularly polarized light. The filter slows down

the vertical portion of the image when it is projected onto the silver screen along with the horizontal portion. This successfully gives the light the appearance of rotating, and it makes it possible to move one's head more organically without losing the illusion of the three-dimensional image. In addition, circular polarization eliminates the requirement for two projectors to output images in various colors. In this instance, the silver screen aids in maintaining the polarization of the image.

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3D Projector Market Size – USD 3.57 Billion in 2021, Market Growth – at a CAGR of 7.1%, Market Trends – Increasing R&D activities and launch of new and innovative products in North America

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Emergen Research



The increasing use of 3D holography for VR and 3D printing, among other things, is a recent trend in the market. Numerous systems, from virtual reality to 3D printing, would benefit from real-time 3D holography. The

new approach, according to a research team, could help immerse VR viewers in more realistic landscapes while removing eye fatigue and other negative impacts of prolonged VR use. Light wave phase modulating displays could quickly use the technology. The majority of consumer-grade displays that are currently within budget simply regulate brightness, but if phase-modulating displays were extensively used, the price would drop.

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Includes Tables and figures have been updated

The most recent version of the report includes the Top Market Players, their Business Strategies, Sales Volume, and Revenue Analysis

The major companies studied in the report are:

Sony Corporation, Optoma Corporation, Epson India Pvt. Ltd., Barco, Vivitek, INC., BenQ, Christie Digital Systems USA, Inc., JVCKENWOOD Corporation, NEC Corporation, and Panasonic Holdings Corporation.T

the investigation also explains the challenges faced by companies existing in the industry and how the reader can avoid them to capitalize on the opportunities present in the same space. The study offers a detailed scrutiny of key market aspects and latest market trends and industry-wide market segmentation. 3D Projector Market size has been calculated in terms of value and volume during the forecast years.

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They also focus on the presence of prominent 3D Projector industry players in regional markets and the strategies adopted by them to yield sustainable growth in the forecast years. The primary aim of this study is to offer a bird's eye view of the market dynamics, assessment of historical data, trends observed, current market value and volume, Porter's five forces analysis, examination of the upstream and downstream industries, latest technological developments, cost analysis, and the regulatory framework effective in the sector by relying on robust research methodologies.

Segments Covered in this report are:

Technology Outlook (Revenue, USD Billion; 2019-2030)

DLP

LCD

LCOS

Light Source Outlook (Revenue, USD Billion; 2019-2030)

Laser

LED

Hybrid

Metal Halide

Others

Brightness Outlook (Revenue, USD Billion; 2019-2030)

Less than 2,000 lumens

2,000 to 3,999 lumens

4,000 to 9,999 lumens

10,000 and above lumens

Application Outlook (Revenue, USD Billion; 2019-2030)

Cinema

Education

Business

Home Theatre & Gaming

Events & Large Venues

Others

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The study provides a wide-ranging investigation on the 3D Projector market in the leading regions. With the analysis of the global 3D Projector market, the analysts attempt to highlight the growth prospects that market players are attempting to dominate different regional markets. Our team accurately predicts the market share, CAGR, production capacity, rate of consumption, cost, revenue, and other critical aspect that will influence the rise of regional markets studied in this report.

The global market has been categorized in this report as:

North America (United States, Canada and Mexico)

Europe (Germany, UK, France, Italy, Russia, Spain and Benelux)

Asia Pacific (China, Japan, India, Southeast Asia and Australia)

Latin America (Brazil, Argentina and Colombia)

Middle East and Africa

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Key Point Summary of the 3D Projector Market Report : –

On 7 June 2022, Barco, which is a leader in simulation projector technology, announced that visual display systems designer 3D perception has chosen their FS40-4K projector as the projector for its Draco fast jet mini-dome simulator. The Air Force Joint Simulation Environment (JSE) contract for the US Air Force Test Center (AFTC) was given to this system.

DLP segment is expected to account for a large revenue share over the forecast period. This is attributed to increasing adoption of DLP projectors owing to its various benefits. Compared to

competing technologies, DLP provides images that are more colorful, sharp, and contrasted. The spacing between pixels is significantly restricted due to the close proximity of each micromirror, less than one micron. The final image looks more distinct as a result. When a mirror is employed, the light output is quite high and the light loss is much reduced. It is feasible to produce excellent grayscale linearity and precise geometry. It can take longer than CRT and plasma displays due to the variable light source employed and the fact that the light from the projected image is not naturally polarized. Compared to LCD and plasma TV backlights, which are typically user replaceable, light sources are lighter and simpler to replace.

The professional intelligence study on the 3D Projector market addresses some of the most critical questions:

What are the key trends in the Market?

What are the driving forces behind the 3D Projector market?

What are the obstacles to market growth?

Which are the top vendors in this space?

What are the threats and opportunities in the market for key vendors?

What are the strengths or weaknesses of critical vendors?

What are the future opportunities for the players in the 3D Projector market?

What are the main issues facing the global 3D Projector market?

How does the competitive landscape look?

Have specific requirements for the 3D Projector market report? Consult with our Industry Expert regarding the coverage of the report @ <https://www.emergenresearch.com/request-for-customization/1248>

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