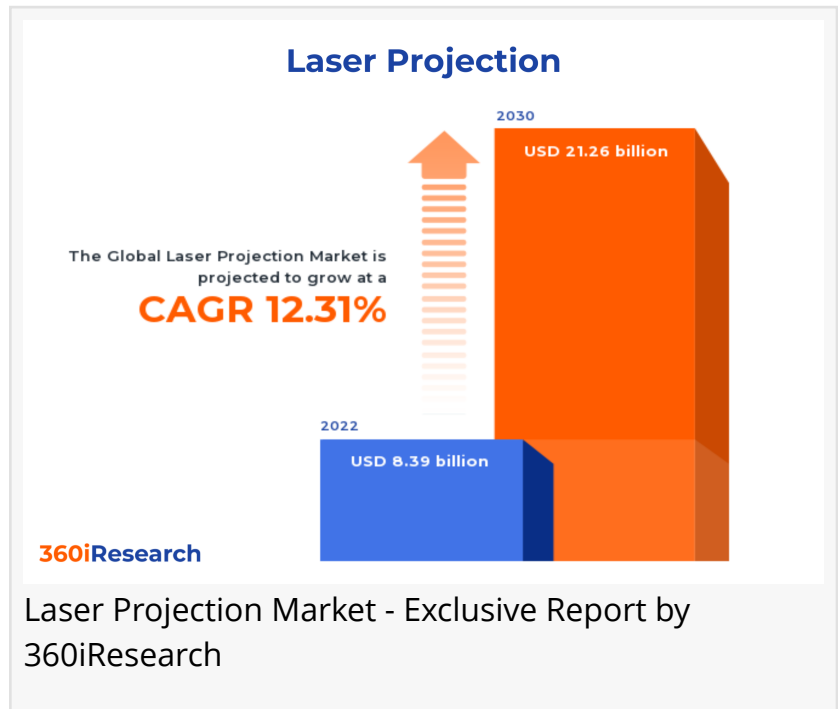


Laser Projection Market worth \$21.26 billion by 2030, growing at a CAGR of 12.31% - Exclusive Report by 360iResearch

The Global Laser Projection Market to grow from USD 8.39 billion in 2022 to USD 21.26 billion by 2030, at a CAGR of 12.31%.

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EINPresswire.com/ -- The "[Laser Projection Market](#) by Product Type (CAD Laser Projection System, Laser Projector), Illumination Type (Hybrid, Laser Diode, Laser Phosphor), Resolution, Vertical - Global Forecast 2023-2030" report has been added to 360iResearch.com's offering.



The Global Laser Projection Market to grow from USD 8.39 billion in 2022 to USD 21.26 billion by 2030, at a CAGR of 12.31%.

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Laser projection refers to using laser light sources to project images or visual content onto surfaces, such as screens, walls, or other flat or curved surfaces. This technology is commonly employed in various applications, including entertainment, education, business presentations, and industrial processes. Laser projectors utilize lasers as the light source instead of traditional lamps or bulbs, offering several advantages such as high brightness, color accuracy, and longevity. The growing demand for high-brightness projectors, increasing usage in optical guidance systems, and technological advancements will continue to play a vital part in driving the laser projection market. However, the high initial investment cost of installing these projectors and stringent regulations and standards associated with laser safety may affect the market landscape. Miniaturization of components, incorporating AI and IoT technology into projection system, and the increasing demand for laser projectors in emerging economies

provides potential expansion opportunities.

Resolution: High adoption of HD & Full HD resolution laser projection display

The 4K resolution in laser projectors offers an exquisite level of detail, producing a stunning image quality four times the definition of Full HD. HD (High Definition) & Full HD resolutions are commonly used in consumer displays, projectors, and broadcast television. With its higher pixel count, Full HD provides a more precise and more acute image than standard HD. Offering resolutions between Full HD and 4K, WUXGA (1920x1200), WQXGA (2560x1600), and 2K (2048x1080) laser projectors provide a middle-ground solution for professional environments requiring higher than Full HD but not as high as 4K. WUXGA stands for widescreen ultra eXtended graphics array and is commonly used in widescreen computer displays and projectors. WXGA stands for widescreen eXtended graphics array and is commonly used in widescreen projectors and displays. XGA stands for eXtended Graphics Array and is a standard resolution used in many projectors, monitors, and displays. WXGA and XGA are ideal for simple presentations and teaching purposes at lower resolutions.

Product Type: Burgeoning adoption of laser projectors owing to their advanced display solution

The CAD laser projection system is a technologically advanced projection system designed to transform computer-aided design (CAD) outputs into highly detailed laser projections. This innovative system is extensively used across engineering, manufacturing, and construction industries to utilize precise and scale-specific laser projection to visualize intricate design blueprints, thereby minimizing potential inaccuracies. A laser projector represents an advanced display solution for high-definition, vibrant, and sharp images. These projectors leverage laser light technology to produce superior image quality, higher color accuracy and extended durability compared to traditional projectors.

Illumination Type: Significant utilization of RGB laser projectors due to their highest brightness levels and color accuracy

Hybrid laser projectors employ LED and laser technologies to deliver high-quality, bright images. They provide the robustness of LED projectors while using lasers for greater color accuracy, making them suitable for professional applications. Laser diode projectors utilize diodes that emit light when an electric current passes through them. Known for their high-resolution output, longevity, and low maintenance, these projectors are preferred in environments that demand continuous usage, such as theaters and lecture halls. Based on the principle of exciting phosphorus with a blue laser to produce light, laser phosphor projectors are widely used due to their energy efficiency and long lifespans. RGB Laser projectors offer the highest brightness and color accuracy, making them ideal for large-scale events, concerts, and digital cinemas.

Vertical: Laser projectors provide high brightness levels and exceptional image quality in cinemas

The cinema industry harnesses laser projection for its high-contrast ratios and color accuracy, enhancing viewing experiences. In the education segment, laser projectors are utilized for their longevity and low maintenance, proving beneficial in classrooms and lecture halls. Enterprises

prefer laser projectors for their versatility, efficiency, and high-resolution capabilities during meetings and presentations. Laser projectors deliver high-quality visuals for professional presentations in corporate environments and provide bright and clear images, enhancing the impact of business presentations. In industrial applications, laser projectors are used for precise visualizations and projections in manufacturing and design processes. They contribute to precision and efficiency in prototyping and quality control tasks. Laser projectors play a role in medical imaging and visualization systems, providing clear and accurate visuals for educational purposes, surgical planning, and presentations. Laser projectors are used for digital signage and advertising in public places, providing bright and attention-grabbing displays. Laser projectors are used in retail for visual merchandising and advertising, creating dynamic and engaging displays.

Regional Insights:

The laser projection market within the American region shows an upward trend primarily driven by technological advancements and increased consumer preference for high-quality visual content. The continuous evolution in laser technology, the strong influence of leading players, and the steady rise in consumer spending paired with an enduring fascination with advanced technology further fueled the market. In Europe, increased demand from the education sector and corporate world is paving the way for growth in the regional laser projection market. The EU countries have seen a substantial surge in demand due to upgrades in classroom technology and corporate presentation tools. Additionally, initiatives by local governments to digitize institutional architectures have anchored the market firmly within this region. The laser projection market shows promising potential in the Middle East & Africa owing to rapid urbanization, and the tech-savvy younger generation fuels this growing demand for innovative visual technology. In Asia Pacific, a vibrant tech culture and fast-growing economies have significantly fostered growth in the laser projection market. The countries in the region have showcased an enormous potential market due to its swelling middle-class population who are becoming more aware and appreciative of advanced technologies.

FPNV Positioning Matrix:

The FPNV Positioning Matrix is essential for assessing the Laser Projection Market. It provides a comprehensive evaluation of vendors by examining key metrics within Business Strategy and Product Satisfaction, allowing users to make informed decisions based on their specific needs. This advanced analysis then organizes these vendors into four distinct quadrants, which represent varying levels of success: Forefront (F), Pathfinder (P), Niche (N), or Vital(V).

Market Share Analysis:

The Market Share Analysis offers an insightful look at the current state of vendors in the Laser Projection Market. By comparing vendor contributions to overall revenue, customer base, and other key metrics, we can give companies a greater understanding of their performance and what they are up against when competing for market share. The analysis also sheds light on just

how competitive any given sector is about accumulation, fragmentation dominance, and amalgamation traits over the base year period studied.

Key Company Profiles:

The report delves into recent significant developments in the Laser Projection Market, highlighting leading vendors and their innovative profiles. These include Aligned Vision, Aligned Vision by Composite Automation, LLC, Assyst Bullmer, Asphericon GmbH, Canon Inc., Carter Products Company, Inc., Cinionic BVBA, Eiki International, Inc., FARO Technologies, Inc., Hutchinson Manufacturing, LLC, LAP GmbH Laser Applikationen, Laserglow Technologies, LG Electronics, Optoma Corporation, Panasonic Holding Corporation, Pangolin Laser Systems Inc., Samsung Electronics Co., Ltd., Seiko Epson Corporation, Sharp NEC Display Solutions, SL-Laser GmbH, Sony Corporation, Virtek Vision International, Xiaomi Group, and Z-LASER GmbH.

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Market Segmentation & Coverage:

This research report categorizes the Laser Projection Market in order to forecast the revenues and analyze trends in each of following sub-markets:

Based on Product Type, market is studied across CAD Laser Projection System and Laser Projector. The CAD Laser Projection System is projected to witness significant market share during forecast period.

Based on Illumination Type, market is studied across Hybrid, Laser Diode, Laser Phosphor, and RGB Laser. The Laser Phosphor is projected to witness significant market share during forecast period.

Based on Resolution, market is studied across 4K, HD & Full HD, WUXGA, WQXGA, & 2K, and WXGA & XGA. The 4K is projected to witness significant market share during forecast period.

Based on Vertical, market is studied across Cinema, Education, Enterprise, Industrial, Medical, Public Places, and Retail. The Industrial is projected to witness significant market share during forecast period.

Based on Region, market is studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas is further studied across Argentina, Brazil, Canada, Mexico, and United States. The United States is further studied across California, Florida, Illinois, New York, Ohio, Pennsylvania, and Texas. The Asia-Pacific is further studied across Australia, China, India, Indonesia, Japan, Malaysia, Philippines, Singapore, South Korea, Taiwan, Thailand, and Vietnam. The Europe, Middle East & Africa is further studied across Denmark, Egypt, Finland, France,

Germany, Israel, Italy, Netherlands, Nigeria, Norway, Poland, Qatar, Russia, Saudi Arabia, South Africa, Spain, Sweden, Switzerland, Turkey, United Arab Emirates, and United Kingdom. The Americas commanded largest market share of 37.23% in 2022, followed by Europe, Middle East & Africa.

Key Topics Covered:

1. Preface
2. Research Methodology
3. Executive Summary
4. Market Overview
5. Market Insights
6. Laser Projection Market, by Product Type
7. Laser Projection Market, by Illumination Type
8. Laser Projection Market, by Resolution
9. Laser Projection Market, by Vertical
10. Americas Laser Projection Market
11. Asia-Pacific Laser Projection Market
12. Europe, Middle East & Africa Laser Projection Market
13. Competitive Landscape
14. Competitive Portfolio
15. Appendix

The report provides insights on the following pointers:

1. Market Penetration: Provides comprehensive information on the market offered by the key players
2. Market Development: Provides in-depth information about lucrative emerging markets and analyzes penetration across mature segments of the markets
3. Market Diversification: Provides detailed information about new product launches, untapped geographies, recent developments, and investments
4. Competitive Assessment & Intelligence: Provides an exhaustive assessment of market shares, strategies, products, certification, regulatory approvals, patent landscape, and manufacturing capabilities of the leading players
5. Product Development & Innovation: Provides intelligent insights on future technologies, R&D activities, and breakthrough product developments

The report answers questions such as:

1. What is the market size and forecast of the Laser Projection Market?
2. Which are the products/segments/applications/areas to invest in over the forecast period in the Laser Projection Market?
3. What is the competitive strategic window for opportunities in the Laser Projection Market?
4. What are the technology trends and regulatory frameworks in the Laser Projection Market?
5. What is the market share of the leading vendors in the Laser Projection Market?

6. What modes and strategic moves are considered suitable for entering the Laser Projection Market?

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