Global Digital Light Processing (DLP) Projector Market 2023

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Abstracts

Description

The Digital Light Processing (DLP) Projector Market is poised for significant growth, with a projected increase from USD 4.83 billion in 2022 to USD 7.19 billion by 2029. This growth is expected to be driven by a compound annual growth rate (CAGR) of 5.6% during the forecast period of 2023-2029. DLP projectors utilize Micro-Electro-Mechanical Systems (MEMS) and Digital Micromirror Devices (DMDs) to generate reflective projections. These projectors are widely used in digital cinema projection and are known for their ability to deliver clear and vibrant images even in well-lit environments. The demand for DLP projectors is primarily driven by their durability, high contrast ratio, reliability, reduced pixilation, and portability, making them suitable for various applications.

The projector market, including DLP projectors, is experiencing growth due to the increasing prevalence of digital screens in the entertainment industry and the ongoing transition from analog to digital screens. This shift has created a demand for advanced projection technologies that can deliver high-quality visuals and immersive experiences. Additionally, the education sector has greatly benefited from digital transformation, with online education becoming more accessible and engaging. DLP projectors play a crucial role in facilitating interactive and dynamic learning environments, contributing to their adoption in educational institutions.

The COVID-19 outbreak has further accelerated the demand for DLP projectors, particularly for home, education, and business solutions. With the shift towards remote work and online learning, there has been an increased need for reliable and high-quality projection systems to facilitate virtual meetings, presentations, and distance learning.

This surge in demand has contributed to the market's growth and is expected to continue driving its expansion in the coming years.

Market Segmentation

The market is segmented based on various factors, including light source, chip model, throw distance, application, and geography.

Segmentation by Light Source

Lamp

LED

Laser

Segmentation by Throw Distance

Normal Throw

Short Throw

Ultra-Short Throw

Segmentation by Application

Home Entertainment and Cinema

Business

Education and Government

Large Venues

Other Applications

Segmentation by Geography

North America

Europe

Asia Pacific

Rest of the World

The home entertainment and cinema segment had the largest market share at 42.1% in 2022 and is predicted to exhibit the highest CAGR of 5.3%. The growing prevalence of digital screens in the entertainment industry is driving the demand for DLP projectors, especially for home entertainment and cinema. The transition from analog to digital screens and the increasing number of movies released internationally contribute to the demand for DLP projectors. Ultra-short throw DLP projectors are gaining popularity for small-space projections, while business applications drive the demand for feature-rich DLP projectors. DLP projectors have lower maintenance costs due to their filter-free and sealed chip design. Opportunities for DLP projectors exist in markets like spectroscopes, holographic storage, and medical imaging. However, conventional 3D projection technology can be more expensive due to the need for two synchronized projectors.

Asia-Pacific had the largest market share of 34.4% in 2022 and is expected to witness the highest CAGR of 6.3%. The growth is driven by digitalization in the education sector and the thriving entertainment industry in countries like India, China, and Japan. The rise of smart classrooms in countries like Pakistan and India is increasing the demand for DLP projectors. Governments in these nations are actively promoting smart classroom projects, leading to a surge in demand for educational solutions like DLP projectors.

Competitive Landscape

The DLP Projector Market is fragmented, with major players including Acer Inc., Barco NV, BenQ Corporation, Digital Projection Inc, JVCKenwood Corporation, LG Corporation, NEC Corporation, Optoma Corporation, Panasonic Holdings Corporation, Samsung Electronics Co., Ltd., Sharp Corporation, ViewSonic Corporation, Vivitek Corporation (Delta Electronics, Inc.), among others. These companies are implementing strategies like partnerships, mergers, innovations, and acquisitions to enhance their product offerings and gain a competitive advantage.

Recent Industry Developments

Digital Projection International received the TNT award from CE Pro magazine in February 2023 for its outstanding HIGHlite 4K UHD Reference Satellite MLS projection system.

In January 2023, Epson announced the launch of its latest projectors and visual solutions for various domains. These cutting-edge solutions will be showcased at the ISE event in Barcelona. Epson's display lineup includes new short-throw, lamp-free laser displays for conference rooms, meeting spaces, and educational environments. They will also unveil ultra short-throw interactive, lamp-free laser displays for adaptable business spaces, promoting collaboration and connectivity.

Why Choose This Report

Gain a reliable outlook of the global DLP projector market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

Contents

PART 1. INTRODUCTION

1.1 Description
1.2 Objectives of The Study
1.3 Market Segment
1.4 Years Considered for The Report
1.5 Currency
1.6 Key Target Audience

PART 2. RESEARCH METHODOLOGY

PART 3. EXECUTIVE SUMMARY

PART 4. MARKET OVERVIEW

PART 5. GLOBAL DIGITAL LIGHT PROCESSING (DLP) PROJECTOR MARKET BY LIGHT SOURCE

5.1 Lamp
5.2 LED
5.3 Laser

PART 6. GLOBAL DIGITAL LIGHT PROCESSING (DLP) PROJECTOR MARKET BY THROW DISTANCE

6.1 Normal throw
6.2 Short throw
6.3 Ultra-short throw

PART 7. GLOBAL DIGITAL LIGHT PROCESSING (DLP) PROJECTOR MARKET BY APPLICATION

7.1 Home entertainment and cinema
7.2 Business

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