

# Volumetric Display - Global Market Outlook (2017-2026)

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## Abstracts

According to Statistics MRC, the Global Volumetric Display Market is accounted for \$162.56 million in 2017 and is expected to reach \$1789.23 million by 2026 growing at a CAGR of 30.5% during the forecast period. Need for advanced medical imaging devices for better treatment and technological advancements in 3D displays are the key driving factors for the market growth. However, factors such as requirement of advanced software & electronic components and the cost factor are hindering the market growth.

A volumetric display device enables generation and scattering of visible radiation from a set of localized and particular regions within a three-dimensional space. Volumetric display comprises of visual display devices that form visual representation of three-dimensional object. It creates 3D imagery via the emission scattering or relaying of illumination from well-defined regions in space. Volumetric displays are auto-stereoscopic and they generate 3D imagery that can be viewed with the naked eye. It is a promising technology which has extensive usage in automotive, aerospace, defense, medical and industrial sector. Volumetric display techniques work on combination of prominent components.

Based on End User, the Medical segment accounted for considerable market share during the forecast period. The utility of volumetric imaging in medical visualization has been studied in the field of external beam cancer treatment using the Perspective display manufactured by Actuality Systems. Further developments are carried out in this field so that the technology can be more developed to carry out multiple and more complex applications at a cheaper cost for end user industries and thus escalate commercialization. By Geography, Asia Pacific market is likely to be one of the most attractive markets during the forecast period. The market in this region is primarily driven by the advancement in technologies in the region and increasing demand for 3D

displays in different end user applications.

Some of the key players profiled in the Volumetric Display Market include 3DIcon Corporation, Actuality Systems Inc, Alioscopy, Burton Inc, Coretec Group Inc, Hansamatrix As, Holografika Kft, HoloXica Limited, Leia Inc, LightSpace Technologies Inc, Seekway Technologies, Soscho GmbH, Voxon and Zebra Imaging.

#### Technologies Covered:

Digital Light Processing (DLP) Technology

Liquid Crystal on Silicon (LCOS) Technology

#### Components Covered:

Projector

Motor & Position Sensor

Mirror

Memory

Screen

Computational Device

Connectivity Module

Other Components

#### Display Types Covered:

Swept Volume Display

Static Volume Display

**Applications Covered:**

Design & Prototyping

Production & Management

Marketing

Training

Data Visualization

Other Applications

**End Users Covered:**

Education

Engineering

Military & Defense

Advertisement

Healthcare

Automotive

Aerospace

Gaming & Entertainment

Oil & Gas

Other End Users

**Regions Covered:**

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

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