

# Quantum Dot Display Market 2017- Global Industry Analysis, Size, Share, Growth, Trends and Forecast by 2023

*WiseGuyReports.com adds "Quantum Dot Display Market 2017 Global Analysis, Growth, Opportunities Research Report Forecasting to 2023" reports to its database.*

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## Executive Summary

Quantum dots are tiny crystals with ability to convert light from one color to another color in an efficient manner. Quantum dots has witnessed a major increase in adoption rate for the usage in various applications due to the technological advancement such as low energy consumption and vibrant displays. Growing demand of quantum dots in display devices and energy efficiency offered by quantum dots are some of the major factors driving the growth of quantum dots display market. However, slower rate of adoption of the technology and utilization of heavy metals as raw material are restraining the growth of the global quantum dots market. The quantum dots display market is expected to grow at a significant rate during the forecast period. Major companies like Samsung and LG are encouraging usage of cadmium free material for quantum dot display product.

The quantum dot display technology is used widely and the quantum dot display application market is segmented based smart phones, PC monitor, tablet PC, TV, and others. Quantum dot display market by product is segmented into smartphones, PC monitors, Tablet PC, Television, and Notebook PC and others. Television product is expected to dominate the quantum dot market.

Growth in economy and increasing purchasing power of the consumers is improving the lifestyle of the end-users. The improving lifestyle of people has boost the market of smartphones and tablet industry which thus has increase the demand for technically advanced display product. With changing consumer need and requirement, manufacturers are working on technically advanced display screen. The quantum dots have revolutionized TVs by providing such pure colors and can express nearly all the colors in the color volume. Hence, quantum dots are likely to emerge as a leading technology for displays in the years to come.



Quantum Dot Display Market

The global quantum dot display market is expected to grow approximately at USD 3893.86 Million by 2023, approx. 24.96 % of CAGR during the forecast period.

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## Key Players

The key players of quantum dot display market include Samsung Electronics Co., Ltd. (South Korea), LG Display Co., Ltd. (South Korea), Sony Corporation (Japan), 3M Company (U.S.), Sharp Corporation (Japan), Microvision, Inc. (U.S.), Altair Nanotechnologies, Inc. (U.S.), Evident Technologies, Inc. (U.S.), Quantum Materials Corporation (U.S.), QD Vision, Inc. (U.S.), Nanosys, Inc. (U.S.) and others.

## Global Quantum dot display Market Analysis & Forecast, from 2016 to 2022

To provide detailed analysis of the market structure along with forecast of the various segments and sub-segments of the quantum dot display market.

To provide insights about factors affecting the market growth.

To analyze the Quantum dot display market based on porter's five force analysis etc.

To provide historical and forecast revenue of the market segments and sub-segments with respect to four main geographies and their countries- North America, Europe, Asia Pacific and Middle East & Africa.

To provide country level analysis of the market with respect to the current market size and future prospective.

To provide country level analysis of the market for segment on the basis of material, product and application.

To provide strategic profiling of key players in the market, comprehensively analyzing their core competencies, and drawing a competitive landscape for the market.

To track and analyze competitive developments such as joint ventures, strategic alliances, mergers and acquisitions, new product developments, and research and developments in the quantum dot display market.

## Target Audience

Technology Investors

Research/Consultancy Firms

Quantum Dot Technology Providers

Original equipment manufacturers (OEMs)

Quantum Dot Manufacturers

For further information on this report, visit - <https://www.wiseguyreports.com/enquiry/2318827-global-quantum-dot-display-market-analysis-forecast-2017-to-2023>

## Key Findings

The global quantum dot display market is expected to reach USD 3893.86 Million by 2023.

By Material, cadmium based sub segment in quantum dot display market accounts for the largest market share and is growing with approximately ~20% CAGR during forecast period.

By Product, TV sub segment holds the largest market share and is growing with approximately ~26% CAGR by the end of forecast period.

By Application, consumer electronics sub segment holds the largest market share and is growing with approximately 27% CAGR by the end of forecast period.

Geographically, North America region has been projected to hold the largest market share in global quantum dot display market whereas, Asia Pacific is expected to be the fastest growing region in the quantum dot display market.

## Regional and Country Analysis of Quantum Dot Display Market Estimation and Forecast

The ongoing global trend towards quantum dot display is being reflected by an increase in the number of QLED televisions in the U.S. market. Also, there has been an upward trend in quantum dot display in the Asia Pacific region. On the basis of region, the market has been segmented into North America, Europe, Asia-Pacific and Rest of the World. It has been observed that North America is estimated to account for the largest share of the market, whereas Asia-Pacific is projected to grow at the fastest rate during the forecast period.

The reports also cover country level analysis:

North America

- o US

- o Canada

- o Mexico

Europe

- o Germany

- o France

- o U.K.

- o Rest of the Europe

Asia – Pacific

- o China

- o Japan

- o South Korea

- o India

- o Rest of the Asia Pacific

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