Global 3D Camera Market Size, Share, Development, Growth and Demand Forecast to 2022

Description:

The digital imaging world has revolutionized with the introduction of 3D camera. The areas such as games & 3D movies, monitoring of industrial activities, home automation and monitoring management and others are widely accepting the 3D cameras owing to better image quality. Moreover, the enhancement in 3D scanning algorithms has enabled the development of sophisticated 3D camera based products. The introduction of 3D enabled tablets and smartphones would also fuel the growth of the respective technology.

The increasing usage of 3D content in entertainment & media applications and increasing adoption in different industries including manufacturing, and construction, would drive the growth of 3D camera market. The high prices of 3D camera are however, restricting the market growth; in addition ease in availability for its 2D counterpart is also restraining the market growth. The market exhibits the entry of new players owing to its rising application in virtual reality products and home automation. The introduction of many players would further enhance the technology.

Professional 3D Camera Market

The report segregates the global 3D camera market on the basis of type, application, technology and geography. The technologies used in 3D camera include time of flight, stereo vision and structured light imaging. The lesser price of stereo vision based 3D camera and the ease in installations of stereo vision technology has attracted the manufacturers to use this technology, and hence, stereo vision has dominated the 3D camera market with a market share of more than 60% in 2015. On the basis of 3D camera type, the market is segmented into target and free camera market. Free camera category finds its dominance in the market owing to rise in application for such devices in tablets and smartphones. Free camera would attain a market value of more than $13 billion in 2022.

The applications of 3D camera are in professional camera, tablets, computers, smartphones and others. Others include mobile robots, home automation, notebook pcs and iPad. Professional cameras have dominated the revenue contribution and garnered market value of $694.6 million in 2014. In addition, the market for global 3D camera is studied based on the different regions which include North America, Europe, APAC (Asia-Pacific) and LAMEA (Latin America, Middle East & Africa). The report has also covered the primary strategies adopted by major players in the market for 3D camera.

The major players highlighted in the report are Nikon Corporation, Go Pro Inc., Sony Corporation, Samsung Electronics Co. Ltd., Canon Inc., Panasonic Corporation, Fujifilm Holdings Corporation, Faro Technologies Inc., LG Electronics Inc. and Eastman Kodak Company. The companies are primarily focuses on product launch followed by collaborations. The companies are targeting the market with their enhanced product portfolio and differentiated offerings.

Contents:

1. Research Scope & Methodology
   1.1 Market Definition
   1.2 Objectives
   1.3 Market Scope
      1.3.1 Global 3D Camera Market, by Technology
      1.3.2 Global 3D Camera Market, by Type
      1.3.3 Global 3D Camera Market, by Application
      1.3.4 Global 3D Camera Market, by Geography
   1.4 Research Methodology and Sources

2. Executive Summary
2.1 Key Findings
2.2 Research Summary

3. Market Outlook
3.1 Introduction
3.2 Trends in The 3D Camera Market
3.3 Opportunities in The Market
3.3.1 Expected Rise in Home Automation Applications
3.3.2 Virtual Reality Applications
3.3.3 Automated Operations in Industries
3.4 Factors Driving The Market and its Impact on Market Forecast
3.4.1 Growing Demand of 3D Content from Entertainment Industry
3.4.2 Enhancement in 3D Scanning Technology
3.4.3 Improved User Taste & Preferences
3.5 Factors Hindering The Market and its Impact on Market Forecast
3.5.1 Price Based Constraints
3.5.2 Lack of Awareness

4.1 Global 3D Camera Market, by Technology
4.2 Global 3D Camera Market, by Type
4.3 Global 3D Camera Market, by Application
4.4 Global 3D Camera Market, by Geography

5. Global 3D Camera Market, by Technology (2012 - 2022)
5.1 Time of Flight Market
5.2 Stereo Vision Market
5.3 Structured Light Imaging Market

6. Global 3D Camera Market, by Type (2012 - 2022)
6.1 Target Camera Market
6.2 Free Camera Market

7.1 Professional 3D Camera
7.2 Smartphone 3D Camera
7.3 Tablet 3D Camera
7.4 Computer 3D Camera
7.5 Others

8. 3D Camera Market, by Geography (2012 - 2022)
8.1 North America 3D Camera Market
8.1.1 North America 3D Camera Market, by Technology
8.1.2 North America 3D Camera Market, by Type
8.1.3 North America 3D Camera Market, by Application
8.2 Europe 3D Camera Market
8.2.1 Europe 3D Camera Market, by Technology
8.2.2 Europe 3D Camera Market, by Type
8.2.3 Europe 3D Camera Market, by Application
8.3 Asia-Pacific 3D Camera Market
8.3.1 Asia-Pacific 3D Camera Market, by Technology
8.3.2 Asia-Pacific 3D Camera Market, by Type
8.3.3 Asia-Pacific 3D Camera Market, by Application
8.4 Lamea 3D Camera Market
8.4.1 Lamea 3D Camera Market, by Technology
8.4.2 Lamea 3D Camera Market, by Type
8.4.3 Lamea 3D Camera Market, by Application

9. Competitive Analysis
9.1 Porter's Five Forces of Competitive Position Analysis
9.1.1 Bargaining Power of Suppliers
9.1.2 Bargaining Power of Buyers
9.1.3 Threat of New Entrants
9.1.4 Intensity of Rivalry
9.1.5 Threat of Substitutes

10. Company Profiles and Strategic Developments
10.1 Key Company Profiles
10.1.1 Canon, Inc.
10.1.1.1 Business Overview
10.1.1.2 Product and Service Offerings
10.1.2 Fujifilm Holdings Corp.
10.1.2.1 Business Overview
10.1.2.2 Product and Service Offerings
10.1.3 Gopro, Inc.
10.1.3.1 Business Overview
10.1.3.2 Product and Service Offerings
10.1.4 Eastman Kodak Company
10.1.4.1 Business Overview
10.1.4.2 Product and Service Offerings
10.1.5 Lg Electronics Inc.
10.1.5.1 Business Overview
10.1.5.2 Product and Service Offerings
10.1.6 Nikon Corp.
10.1.6.1 Business Overview
10.1.6.2 Product and Service Offerings
10.1.7 Panasonic Corp.
10.1.7.1 Business Overview
10.1.7.2 Product and Service Offerings
10.1.8 Samsung Electronics Co. Ltd.
10.1.8.1 Business Overview
10.1.8.2 Product and Service Offerings
10.1.9 Sony Corp.
10.1.9.1 Business Overview
10.1.9.2 Product and Service Offerings
10.1.10 Faro Technologies, Inc.
10.1.10.1 Business Overview
10.1.10.2 Product and Service Offerings

11. Strategic Developments in The Global 3D Camera Market
11.1 Mergers and Acquisitions
11.2 Product Launches
11.3 Partnerships/Collaborations

11. Appendix
11.1 List of Abbreviations

List of Tables
Table 1 Specific Primary and Secondary Sources Used for this Publication
Table 2 3D Camera Market Snapshot
Table 3 Major Product Launches in 3D Camera Market
Table 4 Drivers for The Market: Impact Analysis
Table 5 Restraints for The Market: Impact Analysis
Table 6 Global 3D Camera Market Size by Technology, $M (2012 - 2015)
Table 7 Global 3D Camera Market Size by Technology, $M (2016 - 2022)
Table 8 Global 3D Camera Market Size by Type, $M (2012 - 2015)
Table 9 Global 3D Camera Market Size by Type, $M (2016 - 2022)
Table 10 Global 3D Camera Market Size by Application, $M (2012 - 2015)
Table 11 Global 3D Camera Market Size by Application, $M (2016 - 2022)
Table 12 Global 3D Camera Market Size by Geography, $M (2012 - 2015)
Table 13 Global 3D Camera Market Size by Geography, $M (2016 - 2022)
Table 14 Global Time of Flight Market Size by Geography, $M (2012 - 2015)
Table 15 Global Time of Flight Market Size by Geography, $M (2016 - 2022)
Table 16 Global Stereo Vision Market Size by Geography, $M (2012 - 2015)
Table 17 Global Stereo Vision Market Size by Geography, $M (2016 - 2022)
Table 18 Global Structured Light Imaging Market Size by Geography, $M (2012 - 2015)
Table 19 Global Structured Light Imaging Market Size by Geography, $M (2016 - 2022)
Table 20 Global Target Camera Market Size by Geography, $M (2012 - 2015)
Table 21 Global Target Camera Market Size by Geography, $M (2016 - 2022)
Table 22 Global Free Camera Market Size by Geography, $M (2012 - 2015)
Table 23 Global Free Camera Market Size by Geography, $M (2016 - 2022)
Table 24 Global Professional 3D Camera Market Size by Geography, $M (2012 - 2015)
Table 25 Global Professional 3D Camera Market Size by Geography, $M (2016 - 2022)
Table 26 Global Smartphone 3D Camera Market Size by Geography, $M (2012 - 2015)
Table 27 Global Smartphone 3D Camera Market Size by Geography, $M (2016 - 2022)
Table 28 Global Tablet 3D Camera Market Size by Geography, $M (2012 - 2015)
Table 29 Global Tablet 3D Camera Market Size by Geography, $M (2016 - 2022)
Table 30 Global Computer 3D Camera Market Size by Geography, $M (2012 - 2015)
Table 31 Global Computer 3D Camera Market Size by Geography, $M (2016 - 2022)
Table 32 Global Others Market Size by Geography, $M (2012 - 2015)
Table 33 Global Others Market Size by Geography, $M (2016 - 2022)
Table 34 North America 3D Camera Market Size by Technology, $M (2012 - 2015)
Table 35 North America 3D Camera Market Size by Technology, $M (2016 - 2022)
Table 36 North America 3D Camera Market Size by Type, $M (2012 - 2015)
Table 37 North America 3D Camera Market Size by Type, $M (2016 - 2022)
Table 38 North America 3D Camera Market Size by Application, $M (2012 - 2015)
Table 39 North America 3D Camera Market Size by Application, $M (2016 - 2022)
Table 40 Europe 3D Camera Market Size by Technology, $M (2012 - 2015)
Table 41 Europe 3D Camera Market Size by Technology, $M (2016 - 2022)
Table 42 Europe 3D Camera Market Size by Type, $M (2012 - 2015)
Table 43 Europe 3D Camera Market Size by Type, $M (2016 - 2022)
Table 44 Europe 3D Camera Market Size by Application, $M (2012 - 2015)
Table 45 Europe 3D Camera Market Size by Application, $M (2016 - 2022)
Table 46 Asia-Pacific 3D Camera Market Size by Technology, $M (2012 - 2015)
Table 47 Asia-Pacific 3D Camera Market Size by Technology, $M (2016 - 2022)
Table 48 Asia-Pacific 3D Camera Market Size by Type, $M (2012 - 2015)
Table 49 Asia-Pacific 3D Camera Market Size by Type, $M (2016 - 2022)
Table 50 Asia-Pacific 3D Camera Market Size by Application, $M (2012 - 2015)
Table 51 Asia-Pacific 3D Camera Market Size by Application, $M (2016 - 2022)
Table 52 Lamea 3D Camera Market Size by Technology, $M (2012 - 2015)
Table 53 Lamea 3D Camera Market Size by Technology, $M (2016 - 2022)
Table 54 Lamea 3D Camera Market Size by Type, $M (2012 - 2015)
Table 55 Lamea 3D Camera Market Size by Type, $M (2016 - 2022)
Table 56 Lamea 3D Camera Market Size by Application, $M (2012 - 2015)
Table 57 Lamea 3D Camera Market Size by Application, $M (2016 - 2022)

List of Figures
Fig 1 Research Scope of Global 3D Camera Market
Fig 2 Research Methodology for Global 3D Camera Market
Fig 3 Global 3D Camera Market Size by Technology, $M (2012 - 2022)
Fig 4 Global 3D Camera Market Size by Type, $M (2012 - 2022)
Fig 5 Global 3D Camera Market Size by Application, $M (2012 - 2022)
Fig 6 Global 3D Camera Market Size by Geography, $M (2012 - 2022)
Fig 7 Global Time of Flight Market Size by Geography, $M (2012 - 2022)
Fig 8 Global Stereo Vision Market Size by Geography, $M (2012 - 2022)
Fig 9 Global Structured Light Imaging Market Size by Geography, $M (2012 - 2022)
Fig 10 Global Target Camera Market Size by Geography, $M (2012 - 2022)
Fig 11 Global Free Camera Market Size by Geography, $M (2012 - 2022)
Fig 12 Global Professional 3D Camera Market Size by Geography, $M (2012 - 2022)
Fig 13 Global Smartphone 3D Camera Market Size by Geography, $M (2012 - 2022)
Fig 14 Global Tablet 3D Camera Market Size by Geography, $M (2012 - 2022)
Fig 15 Global Computer 3D Camera Market Size by Geography, $M (2012 - 2022)
Fig 16 Global Others Market Size by Geography, $M (2012 - 2022)
Fig 17 Global 3D Camera Market, by Geography
Fig 18 North America 3D Camera Market Size by Technology, $M (2012 - 2022)
Fig 19 North America 3D Camera Market Size by Type, $M (2012 - 2022)
Fig 20 North America 3D Camera Market Size by Application, $M (2012 - 2022)
Fig 21 Europe 3D Camera Market Size by Technology, $M (2012 - 2022)
Fig 22 Europe 3D Camera Market Size by Type, $M (2012 - 2022)
Fig 23 Europe 3D Camera Market Size by Application, $M (2012 - 2022)
Fig 24 Asia-Pacific 3D Camera Market Size by Technology, $M (2012 - 2022)
Fig 25 Asia-Pacific 3D Camera Market Size by Type, $M (2012 - 2022)
Fig 26 Asia-Pacific 3D Camera Market Size by Application, $M (2012 - 2022)
Fig 27 Lamea 3D Camera Market Size by Technology, $M (2012 - 2022)
Fig 28 Lamea 3D Camera Market Size by Type, $M (2012 - 2022)
Fig 29 Lamea 3D Camera Market Size by Application, $M (2012 - 2022)
Fig 30 Porter's Five Forces of Competitive Position Analysis

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