

Global Smartphone 3D Sensing Market: Size, Trends & Forecasts (2017-2021)

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Abstracts

Scope of the Report

The report entitled “Global Smartphone 3D Sensing Market: Size, Trends & Forecasts (2017-2021)”, provides analysis of the global smartphone 3D sensing market, with detailed analysis of market size in terms of value, volume and segments.

Moreover, the report assesses the key opportunities in the market and outlines the factors that are and will be driving the growth of the industry. Growth of the overall smartphone 3D sensing market has also been forecasted for the years 2017-2021, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

Lumentum Holdings Inc, ams AG, Sony Corporation and ON Semiconductor Corporation are some of the key players operating in the global smartphone 3D sensing market whose company profiling is done in the report. In this segment of the report, business overview, financial overview and the business strategies of the companies are provided.

Company Coverage

Lumentum Holdings Inc.

Ams AG

Sony Corporation

ON Semiconductor Corporation

Executive Summary

Augmented reality (AR) refers to the placement of virtual figures or texts onto a real-life scene (that people observe through the medium of their smartphone display or smart glass lens) in the right position with the right size. Under AR, a view of reality is improved (possibly even diminished rather than increased by the use of technology). 3D sensing is the backbone technology for the implementation of AR

3D sensing is defined as a technology that is used to measure distances or construct a 3D map of a real-life scene. 3D sensing hardware solutions make the use of light transmitter and a light receiver to collect depth data by calculating elapsed time or the view angle difference.

The global smartphone 3D sensing market is expected to increase at high growth rates during the forecast period (2017-2021). The global smartphone 3D sensing market is supported by various factors such as rise in the number of smartphone users, increasing adoption of IoT technology and benefits of AR technology in retail and shopping

However, risk of commoditization and limited adoption of 3D sensing technologies are some of the challenges faced by the market. Acceleration in mergers and acquisitions in the 3D sensing space, expected AR development timeline for smartphones, use of 3D sensing technologies in gaming consoles and rising popularity of GPS enabled smartphones are some of the latest trends existing in the market.

Contents

1. EXECUTIVE SUMMARY

2. INTRODUCTION

- 2.1 Augmented Reality: An Overview
- 2.2 3D Sensing: An Overview
- 2.3 3D Sensing Technologies and Hardware Specifications
- 2.4 Pros and Cons Analysis of 3D Sensing Technologies
- 2.5 Applications of 3D Sensing Technologies
- 2.6 Global Smartphone 3D Sensing Market Supply Chain

3. GLOBAL MARKET ANALYSIS

- 3.1 Global Smartphone 3D Sensing Market: Value Analysis
 - 3.1.1 Global Smartphone 3D Sensing Market by Value
 - 3.1.2 Global Smartphone 3D Sensing Market Segments by Components
 - 3.1.3 Global Smartphone 3D Sensing Market Value by Segments
 - 3.1.4 Global iPhone 3D Sensing Market by Value
 - 3.1.5 Global Android Smartphone 3D Sensing Market by Value
- 3.2 Global Smartphone 3D Sensing Market: Volume Analysis
 - 3.2.1 Global Smartphone 3D Sensing Market by Volume
 - 3.2.2 Global Smartphone 3D Sensing Market Volume by Segments
 - 3.2.3 Global iPhone 3D Sensing Market by Volume
 - 3.2.4 Global Android Smartphone 3D Sensing Market by Volume
 - 3.2.5 Global Android Smartphone 3D Sensing Market Volume by Players
- 3.3 Global Smartphone 3D Sensing Market: Attachment Rate Analysis
 - 3.3.1 Global Smartphone 3D Sensing Market by Attachment Rate

4. MARKET DYNAMICS

- 4.1 Growth Drivers
 - 4.1.1 Increasing Number of Smartphone Users
 - 4.1.2 Acceleration in Adoption of Internet of Things (IoT)
 - 4.1.3 Benefits of AR Technology in Retail and Shopping
- 4.2 Challenges
 - 4.2.1 Risk of Commoditization
 - 4.2.2 Limited Adoption of 3D Sensing Technology

4.3 Market Trends

- 4.3.1 Mergers and Acquisitions (M&A) in 3D Sensing Technology
- 4.3.2 Expected Augmented Reality (AR) Development Timeline for Smartphones
- 4.3.3 Use of 3D Sensors in Gaming Consoles
- 4.3.4 Rising Popularity of GPS Enabled Smartphones

5. COMPETITIVE LANDSCAPE

5.1 Global 3D Sensor Players and Operating Segments

6. COMPANY PROFILING

6.1 Lumentum Holdings Inc.

- 6.1.1 Business Overview
- 6.1.2 Financial Overview
- 6.1.3 Business Strategy

6.2 Ams AG

- 6.2.1 Business Overview
- 6.2.2 Financial Overview
- 6.2.3 Business Strategy

6.3 Sony Corporation

- 6.3.1 Business Overview
- 6.3.3 Financial Overview
- 6.3.3 Business Strategy

6.4 ON Semiconductor Corporation

- 6.4.1 Business Overview
- 6.4.2 Financial Overview
- 6.4.3 Business Strategy

List Of Figures

LIST OF FIGURES

Figure 1: Smartphone 3D Sensing Components

Figure 2: Global Smartphone 3D Sensing Market by Value; 2017-2021 (US\$ Billion)

Figure 3: Global Smartphone 3D Sensing Market Segments by Components; 2020

Figure 4: Global Smartphone 3D Sensing Market Value by Segments; 2018 and 2021

Figure 5: Global iPhone 3D Sensing Market by Value; 2017-2021(US\$ Billion)

Figure 6: Global Android Smartphone 3D Sensing Market by Value; 2018-2021(US\$ Billion)

Figure 7: Global Smartphone 3D Sensing Market by Volume;2017-2021 (Million Units)

Figure 8: Global Smartphone 3D Sensing Market Volume by Segments; 2018 and 2021

Figure 9: Global iPhone 3D Sensing Market by Volume;2017-2021 (Million Units)

Figure10: Global Android Smartphone 3D Sensing Market by Volume;2018-2021 (Million Units)

Figure 11: Global Smartphone 3D Sensing Market by Attachment Rate; 2017-2020 (%)

Figure 12: Global Smartphone Users; 2014-2020 (Billion)

Figure 13: IoT Connected Devices Installed Base Worldwide; 2015-2021 (Billion)

Figure 14: Lumentum Holdings Revenue; 2012-2016 (US\$ Million)

Figure 15: Lumentum Holdings Net Revenues by Segments; 2016

Figure 15: ams Revenues ; 2012-2016 (US\$ Million)

Figure 17: ams Revenues by Segments; 2016

Figure 18: ams Revenues by Region; 2016

Figure 19: Sony Sales and Operating Revenue; 2012-2016 (US\$ Billion)

Figure 20: Sony Corporation Revenue by Segments; 2017

Figure 21: ON Semiconductor Revenues; 2012-2016 (US\$ Billion)

Figure 22: ON Semiconductor Revenue by Segments; 2016

Table 1: 3D Sensing Technologies and Hardware Specifications

Table 2: Pros and Cons of 3D Sensing Technologies

Table 3: Applications of 3D Sensing Technologies

Table4: Android Smartphone 3D Sensing Market Volume by Players; 2017-2020 (in Millions)

Table 5: Recent M&A Activities Linked to 3D Sensing Space

Table 6: AR Development Timeline; 2017-2020

Table 7: Global 3D Sensor Market Players and Operating Segment

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