Global Mobile 3D Sensing Market: Size, Trends & Forecasts (2018-2022 Edition)

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Abstracts

Scope of the Report

The report entitled "Global Mobile 3D Sensing Market: Size, Trends & Forecasts (2018-2022 Edition)", provides a comprehensive analysis of the global smartphone 3D sensing market. The analysis includes 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 mobile 3D sensing market has also been forecasted for the years 2018-2022, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

Some of the major players of the market include Lumentum Holdings Inc, ams AG, Sony Corporation and ON Semiconductor Corporation whose company profiling is done in the report. This segment of the report briefs about the business overview and financial overview of the respective companies.

Company Cov

Lumentum Holdings Inc

ams AG

Sony Corporation

ON Semiconductor Corporation

Executive Summary

In the present technological advanced era, smartphones are getting highly innovative with the incorporation of 3D sensing technologies, augmented reality etc. The adoption rate of 3D sensing technology in smartphones is growing at a rapid pace. The uses of 3D sensing modules in smartphones not only include features like facial recognition but at the same time enhance the performance of camera and AR experiences.

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 constructs 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 mobile 3D sensing market is expected to increase at massive growth rates during the forecast period (2018-2022). The global smartphone 3D sensing market is primarily driven by major factors such as growing number of smartphone users, increasing adoption of IoT technology, benefits of AR technology in retail and shopping etc.

However, risk of commoditization and limited adoption of 3D sensing technologies are some of the challenges that are restraining the growth of 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 trends that would push growth of the market in the coming years.

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