

3D Sensor Market - Forecasts from 2017 to 2022

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Abstracts

Global 3D Sensor Market is projected to witness a CAGR of 18.65% over the forecast period to reach a total market size of US\$4.611 billion by 2022, from US\$1.961 billion in 2017. Growing demand for 3D-enabled consumer electronics devices along with the falling prices of sensors are some of the major factors driving the market growth. Rising demand for 3D sensors for 3D gaming technology will also fuel the market growth. Integration of nanotechnology with 3D sensors in wide range of applications is also propelling the demand for 3D sensors over the forecast period. However, lack of product differentiation and limited manufacturing excellence will hinder the market growth during the forecast period.

By End User Industry

By end-user industry, consumer electronics segment will grow at the highest CAGR during the forecast period. Growing awareness concerning good health and fitness is escalating the demand for wearables. There has been a growing demand for 3D-enabled smartphones and cameras further contributing to the growth of global 3D sensor market.

By Geography

Geographically, North America held the largest share of global 3D Sensor market in 2016 and will remain at its position till 2022 owing to the early adoption of technology across various end-use industries in the region. Asia Pacific region will witness the fastest regional market growth during the forecast period due to expanding consumer electronics industry in China and India. Robust sales of 3D gaming consoles in the region will further contribute to the germination of 3D sensor market in the region.

Competitive Insights

Prominent key market players in 3D Sensor market include OmniVision Technologies, Infineon Technologies, SoftKinetic, Intel Corporation, and Cognex Corporation among others. Market players are adopting various growth strategies to expand their product portfolio and gain a larger market share. In 2016, Occipital acquired Replica Labs that works on apps to give any phone basic 3D scanning capabilities without additional hardware.

Segmentation

In this report, 3D Sensor market is segmented by technology, type, end user industry, and geography:

By Technology

- Structured Light
- Stereo Vision
- Ultrasound
- Time of Flight

By Type

- Image Sensors
- Pressure Sensors
- Position sensors
- Temperature Sensors
- Others

By End User Industry

- Manufacturing
- Healthcare
- Military and Defense
- Consumer Electronics
- Automotive
- Media and Entertainment
- Others

By Geography

Americas

North America

U.S.

Canada

Mexico

Others

South America

Brazil

Argentina

Others

Europe Middle East and Africa

Europe

UK

Germany

France

Others

Middle East and Africa

Asia Pacific

Japan

China

India

South Korea

Others

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