

# 3D Sensing Technology - Global Market Outlook (2017-2026)

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## Abstracts

According to Statistics MRC, the Global 3D Sensing Technology Market is accounted for \$882.10 million in 2017 and is expected to reach \$4,982.90 million by 2026 growing at a CAGR of 21.2% during the forecast period. Some of the key factors influencing the market growth include increase in demand of biometric authentication, growing demand for 3d sensors in consumer electronics and increase in number of next generation smartphones around the globe. However, high maintenance cost and high refurbishment cost are restricting the market growth.

3D Sensing can be achieved by using a different number of technologies. In this technology provides object movement based on temporal change of angles, it provides movements in the form of numerical data. 3D sensing is the optical technology behind mobile face recognition and it depends on innovative optical components. There are some techniques for 3D sensing can be used to implement face recognition, and advanced optical components support all.

Based on the technology, the time of flight technology segment is constantly enhancing due to working mechanism, time of flight technology is heavily used across many industry verticals. However a large number of applications from consumer electronics to industrial applications integrated by a time of flight technology. By Geography, North America was the leading contributor to the global 3D sensing technology market during the forecast period. The contribution is primarily due to the booming 3D sensing technology marketplace along with the presence of well-established players across the region, especially driven by the U.S. and Canada.

Some of the key players in global 3D Sensing Technology market are Microsoft Corporation, Texas Instruments Incorporated, Finisar Corporation, AMS AG, PMD

Technologies AG, Microchip Technology Inc., Infineon Technologies AG, LMI Technologies, Inc., Intel Corporation, Qualcomm Technologies, Inc., STMicroelectronics N.V., Cognex Corporation, OmniVision Technologies, Inc., ASUSTeK Computer Inc, Himax Technologies, Inc., Lumentum Holdings Inc. and IFM Electronic GmbH.

#### Sensor Types Covered:

Image Sensor

Proximity Sensors

Pressure Sensor

Gyro Sensor

Other Sensor Types

#### Technologies Covered:

Time of Flight

Stereoscopic Vision

Ultrasound

Structured Light Pattern

#### Applications Covered:

Mobile

Health Sensing

Machine Vision

#### End User Covered:

Automotive

Industrial

Consumer Electronics

Security & Surveillance

Media & Entertainment

Other End Users

#### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

#### Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

##### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

##### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

## Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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