

3D Time-Of-Flight Image Sensor - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global 3D Time-Of-Flight Image Sensor Market is accounted for \$589.41 million in 2017 and is expected to reach \$4,144.91 million by 2026 growing at a CAGR of 24.2% during the forecast period. Quality control monitoring, bin picking and automation, material handling is expected to drive the market for 3d time-of-flight image sensor market. However, Different lighting unit design and depth imaging technologies are restricting the market growth.

3D time of flight image sensor tools, products and development kits facilitates the next generation of the machine vision with the actual 3D imaging depth camera. Starting from the robotic navigation to the building automation and gesture recognition, 3D time of flight chipsets does allow maximum flexibility to customize every facet of the camera's design. The growth of 3d time-of-flight image sensor market is highly reliant on the growth of overall machine vision and industrial automation market globally.

Based on products, the Quarter Video Graphics Array (QVGA) Time-Of-Flight (TOF) Image Sensor segment is estimated to have a lucrative growth due to the range imaging time-of-flight cameras and highly advanced lidar. Based on Geography, European region is expected to maintain its dominance in the market during the forecast period owing to the presence of huge number of image sensor manufacturers in countries like Germany, Switzerland among others. Growing demand of 3d time-of-flight image sensor for consumer electronics, automobile and industrial automation & machine vision technology is driving the market of European region.

Some of the key players profiled in the 3D Time-Of-Flight Image Sensor market include Texas Instruments, STMicroelectronics, PMD Technologies, Infineon, PrimeSense (Apple), MESA (Heptagon), Melexis, ifm Electronic, Canesta (Microsoft), Espros

Photonics and TriDiCam.

Products Covered:

Half Quarter Video Graphics Array (QVGA) Time-Of-Flight (TOF)
Image Sensor

Quarter Video Graphics Array (QVGA) Time-Of-Flight (TOF)
Image Sensor

Other Products

Applications Covered:

Automobile

Communication

Consumer Electronics

Entertainment

Machine Vision and Industrial Automation

Music

Robotics and Drone

Sports

Other Applications

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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