

# 2018-2023 Global 3D Time-of-flight Image Sensors Consumption Market Report

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## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global 3D Time-of-flight Image Sensors market for 2018-2023.

3D time-of-flight (ToF) sensor is part of the 3D ToF image sensor family. The device combines ToF sensing with an optimally-designed analog-to-digital converter (ADC) and a versatile, programmable timing generator (TG).

The built-in TG controls the reset, modulation, readout, and digitization sequence. The programmability of the TG offers flexibility to optimize for various depth-sensing performance.

On the basis of type, the 3D Time-of-flight Image Sensor market is segmented into Half-QQVGA ToF Image Sensor, QVGA ToF Image Sensor, and Others. The QVGA ToF Image Sensor segment is expected to account for the larger share of the global market in 2017.

End-users, included in this market are Consumer Electronics, Robotics and Drone, Machine Vision and Industrial Automation, Entertainment, Automobile, and Others usage. The Consumer Electronics application is expected to account for the largest share of the global market in 2017.

Based on regions, the global 3D Time-of-flight Image Sensor market is segmented into North America, Europe, China, Japan, Korea, Asia Other, and the Rest of the World (ROW). USA and Europe is expected to account for larger share and China is growing fastest of the market during the forecast period.

Over the next five years, LPI(LP Information) projects that 3D Time-of-flight Image

Sensors will register a 23.0% CAGR in terms of revenue, reach US\$ 2140 million by 2023, from US\$ 620 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of 3D Time-of-flight Image Sensors market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Half-QQVGA ToF Image Sensor

QVGA ToF Image Sensor

Others

Segmentation by application:

Consumer Electronics

Robotics and Drone

Machine Vision and Industrial Automation

Entertainment

Automobile

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

Texas Instruments

STMicroelectronics

PMD Technologies

Infineon

PrimeSense (Apple)

MESA (Heptagon)

Melexis

ifm Electronic

Canesta (Microsoft)

Espros Photonics

TriDiCam

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future

development.

## Research objectives

To study and analyze the global 3D Time-of-flight Image Sensors consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of 3D Time-of-flight Image Sensors market by identifying its various subsegments.

Focuses on the key global 3D Time-of-flight Image Sensors manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the 3D Time-of-flight Image Sensors with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of 3D Time-of-flight Image Sensors submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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