

Global Time-of-Flight (ToF) Sensor Market Size study, by Product (RF-Modulated Light Sources With Phase Detectors, Range-Gated Imagers, Direct ToF Imagers), By Application (AR & VR, Lidar, Machine Vision, 3D Imaging & Scanning, Robotics & Drone) and Regional Forecasts 2022-2028

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Abstracts

Global Time-of-Flight (ToF) Sensor Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2028. Time of flight (ToF) is the measurement of the time taken by an object, particle or wave (be it acoustic, electromagnetic, etc.) to travel a distance through a medium. The growing demand for smartphones, increasing adoption of ToF sensors has led to the adoption of Time-of-Flight (ToF) Sensor across the forecast period. For Instance: According to Counterpoint Research, smartphone shipments are estimated to reach 173 million in 2021, a ~14% increase from the 2020 figure. Also, with the growing deployment of industry 4.0, the adoption & demand for Time-of-Flight (ToF) Sensor is likely to increase the market growth during the forecast period. However, extra costs associated with sensor solutions impede the growth of the market over the forecast period of 2022-2028.

The key regions considered for the Global Time-Of-Flight (Tof) Sensor Market study include Asia Pacific, North America, Europe, Latin America and Rest of the World. Europe is the leading region across the world in terms of market share owing to the rising deployment of industry 4.0. and automation. Whereas, Asia-Pacific is also anticipated to exhibit the highest growth rate over the forecast period 2022-2028. Factors such as easy availability of low-cost labor has led to increased manufacturing of different electronic components and devices in this region which would create lucrative

growth prospects for the Time-of-Flight (ToF) Sensor Market across Asia-Pacific region.

Major market players included in this report are:

Melexis NV (Belgium)
Texas Instruments Incorporated (US)
STMicroelectronics NV (Switzerland)
Infineon Technologies AG (Germany)
Panasonic Corporation (Japan)
Teledyne Technologies Incorporated (US)
Keyence Corporation (Japan)
Technologies AG (Germany)
Sharp Corporation (Japan)
Sony Corporation (Japan)

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

RF-Modulated Light Sources With Phase Detectors

Range-Gated Imagers

Direct ToF Imagers

By Application:

AR & VR

LiDAR

Machine Vision

3D Imaging & Scanning

Robotics & Drone

By Region:

North America

U.S.

Canada

Europe

UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020
Base year – 2021
Forecast period – 2022 to 2028

Target Audience of the Global Time-of-Flight (ToF) Sensor Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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