

# Global ToF 3D Depth Camera Market Growth 2025-2031

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## Abstracts

The global ToF 3D Depth Camera market size is predicted to grow from US\$ 236 million in 2025 to US\$ 464 million in 2031; it is expected to grow at a CAGR of 11.9% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

ToF (Time-of-Flight) 3D Depth Camera is a three-dimensional imaging device that measures depth based on the time it takes for light to travel to an object and reflect back to the sensor. By emitting infrared or laser pulses and precisely calculating the return time for each pixel, the camera generates accurate depth maps in real time.

United States market for ToF 3D Depth Camera is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for ToF 3D Depth Camera is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for ToF 3D Depth Camera is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key ToF 3D Depth Camera players cover Hexagon, Shining 3D, ZEISS, Revopoint, Mech-Mind Robotics, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the “ToF 3D Depth Camera Industry Forecast” looks at past sales and reviews total world ToF 3D Depth Camera sales in 2024, providing a comprehensive analysis by region and market sector of projected ToF 3D Depth Camera sales for 2025 through 2031. With ToF 3D Depth Camera sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world ToF 3D Depth Camera industry.

This Insight Report provides a comprehensive analysis of the global ToF 3D Depth Camera landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on ToF 3D Depth Camera portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global ToF 3D Depth Camera market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for ToF 3D Depth Camera and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global ToF 3D Depth Camera.

This report presents a comprehensive overview, market shares, and growth opportunities of ToF 3D Depth Camera market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Direct ToF (dToF)

Indirect ToF (iToF)

Segmentation by Application:

Industrial Automation

Medical

Consumer Electronics

Robots

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

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Hexagon

Shining 3D

ZEISS

Revopoint

Mech-Mind Robotics

Artec 3D

Shengxiang Technology

Orbbec

Cognex

Zivid

Photoneo

LMI Technologies

Faro Technologies

Moving Technology

Bluecore Robotics

Borsight

Guangcheng Innovation

Percipio.xyz

Mantis Vision

ALSONTECH

#### Key Questions Addressed in this Report

What is the 10-year outlook for the global ToF 3D Depth Camera market?

What factors are driving ToF 3D Depth Camera market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do ToF 3D Depth Camera market opportunities vary by end market size?

How does ToF 3D Depth Camera break out by Type, by Application?

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