

Time of Flight (ToF) Camera Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

https://marketpublishers.com/r/TD4AB59E73F2EN.html

Date: November 2020

Pages: 121

Price: US\$ 2,800.00 (Single User License)

ID: TD4AB59E73F2EN

Abstracts

SUMMARY

Further key aspects of the report indicate that:

Chapter 1: Research Scope: Product Definition, Type, End-Use & Methodology

Chapter 2: Global Industry Summary

Chapter 3: Market Dynamics

Chapter 4: Global Market Segmentation by region, type and End-Use

Chapter 5: North America Market Segmentation by region, type and End-Use

Chapter 6: Europe Market Segmentation by region, type and End-Use

Chapter 7: Asia-Pacific Market Segmentation by region, type and End-Use

Chapter 8: South America Market Segmentation by region, type and End-Use

Chapter 9: Middle East and Africa Market Segmentation by region, type and End-Use.

Chapter 10: Market Competition by Companies

Chapter 11: Market forecast and environment forecast.

Chapter 12: Industry Summary.

The global Time of Flight (ToF) Camera market has the potential to grow with xx million USD with growing CAGR in the forecast period from 2021f to 2026f. Factors driving the market for @@@@@ are the significant development of demand and improvement of COVID-19 and geo-economics.

Based on the type of product, the global Time of Flight (ToF) Camera market segmented into

CMOS Time-of-flight Camera



CCD Time-of-flight Camera

Based on the end-use, the global Time of Flight (ToF) Camera market classified into

Automotive Applications

Human-machine Interfaces and Gaming

Measurement and Machine Vision

Robotics and Drone

Others

Based on geography, the global Time of Flight (ToF) Camera market segmented into

North America [U.S., Canada, Mexico]

Europe [Germany, UK, France, Italy, Rest of Europe]

Asia-Pacific [China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific]

South America [Brazil, Argentina, Rest of Latin America]

Middle East & Africa [GCC, North Africa, South Africa, Rest of Middle East and Africa]

And the major players included in the report are

SoftKinetic (Sony)

Microchip Technology

IFM Electronic GmbH



PrimeSense (Apple)	
MESA (Heptagon)	
Melexis	
ifm Electronic	
Teledyne	
Odos-imaging	
LMI Technologies	
Fastree3D	
Texas Instruments	
STMicroelectronics	
PMD Technologies	
Infineon	
Canesta (Microsoft)	
Espros Photonics	
TriDiCam	



Contents

1 RESEARCH SCOPE

- 1.1 Research Product Definition
- 1.2 Research Segmentation
 - 1.2.1 Product Type
 - 1.2.2 Main product Type of Major Players
- 1.3 Demand Overview
- 1.4 Research Methodology

2 GLOBAL TIME OF FLIGHT (TOF) CAMERA INDUSTRY

- 2.1 Summary about Time of Flight (ToF) Camera Industry
- 2.2 Time of Flight (ToF) Camera Market Trends
 - 2.2.1 Time of Flight (ToF) Camera Production & Consumption Trends
 - 2.2.2 Time of Flight (ToF) Camera Demand Structure Trends
- 2.3 Time of Flight (ToF) Camera Cost & Price

3 MARKET DYNAMICS

- 3.1 Manufacturing & Purchasing Behavior in 2020
- 3.2 Market Development under the Impact of COVID-19
 - 3.2.1 Drivers
 - 3.2.2 Restraints
 - 3.2.3 Opportunity
 - 3.2.4 Risk

4 GLOBAL MARKET SEGMENTATION

- 4.1 Region Segmentation (2017 to 2021f)
 - 4.1.1 North America (U.S., Canada and Mexico)
 - 4.1.2 Europe (Germany, UK, France, Italy, Rest of Europe)
- 4.1.3 Asia-Pacific (China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific)
 - 4.1.4 South America (Brazil, Argentina, Rest of Latin America)
- 4.1.5 Middle East and Africa (GCC, North Africa, South Africa, Rest of Middle East and Africa)
- 4.2 Product Type Segmentation (2017 to 2021f)



- 4.2.1 CMOS Time-of-flight Camera
- 4.2.2 CCD Time-of-flight Camera
- 4.3 Consumption Segmentation (2017 to 2021f)
 - 4.3.1 Automotive Applications
 - 4.3.2 Human-machine Interfaces and Gaming
 - 4.3.3 Measurement and Machine Vision
 - 4.3.4 Robotics and Drone
 - 4.3.5 Others

5 NORTH AMERICA MARKET SEGMENT

- 5.1 Region Segmentation (2017 to 2021f)
 - 5.1.1 U.S.
 - 5.1.2 Canada
 - 5.1.3 Mexico
- 5.2 Product Type Segmentation (2017 to 2021f)
 - 5.2.1 CMOS Time-of-flight Camera
 - 5.2.2 CCD Time-of-flight Camera
- 5.3 Consumption Segmentation (2017 to 2021f)
 - 5.3.1 Automotive Applications
 - 5.3.2 Human-machine Interfaces and Gaming
 - 5.3.3 Measurement and Machine Vision
 - 5.3.4 Robotics and Drone
 - 5.3.5 Others
- 5.4 Impact of COVID-19 in North America

6 EUROPE MARKET SEGMENTATION

- 6.1 Region Segmentation (2017 to 2021f)
 - 6.1.1 Germany
 - 6.1.2 UK
 - 6.1.3 France
 - 6.1.4 Italy
 - 6.1.5 Rest of Europe
- 6.2 Product Type Segmentation (2017 to 2021f)
 - 6.2.1 CMOS Time-of-flight Camera
 - 6.2.2 CCD Time-of-flight Camera
- 6.3 Consumption Segmentation (2017 to 2021f)
 - 6.3.1 Automotive Applications



- 6.3.2 Human-machine Interfaces and Gaming
- 6.3.3 Measurement and Machine Vision
- 6.3.4 Robotics and Drone
- 6.3.5 Others
- 6.4 Impact of COVID-19 in Europe

7 ASIA-PACIFIC MARKET SEGMENTATION

- 7.1 Region Segmentation (2017 to 2021f)
 - 7.1.1 China
 - 7.1.2 India
 - 7.1.3 Japan
 - 7.1.4 South Korea
 - 7.1.5 Southeast Asia
 - 7.1.6 Australia
 - 7.1.7 Rest of Asia Pacific
- 7.2 Product Type Segmentation (2017 to 2021f)
 - 7.2.1 CMOS Time-of-flight Camera
 - 7.2.2 CCD Time-of-flight Camera
- 7.3 Consumption Segmentation (2017 to 2021f)
 - 7.3.1 Automotive Applications
 - 7.3.2 Human-machine Interfaces and Gaming
 - 7.3.3 Measurement and Machine Vision
 - 7.3.4 Robotics and Drone
 - 7.3.5 Others
- 7.4 Impact of COVID-19 in Europe

8 SOUTH AMERICA MARKET SEGMENTATION

- 8.1 Region Segmentation (2017 to 2021f)
 - 8.1.1 Brazil
 - 8.1.2 Argentina
 - 8.1.3 Rest of Latin America
- 8.2 Product Type Segmentation (2017 to 2021f)
 - 8.2.1 CMOS Time-of-flight Camera
 - 8.2.2 CCD Time-of-flight Camera
- 8.3 Consumption Segmentation (2017 to 2021f)
 - 8.3.1 Automotive Applications
 - 8.3.2 Human-machine Interfaces and Gaming



- 8.3.3 Measurement and Machine Vision
- 8.3.4 Robotics and Drone
- 8.3.5 Others
- 8.4 Impact of COVID-19 in Europe

9 MIDDLE EAST AND AFRICA MARKET SEGMENTATION

- 9.1 Region Segmentation (2017 to 2021f)
 - 9.1.1 GCC
 - 9.1.2 North Africa
 - 9.1.3 South Africa
- 9.1.4 Rest of Middle East and Africa
- 9.2 Product Type Segmentation (2017 to 2021f)
 - 9.2.1 CMOS Time-of-flight Camera
 - 9.2.2 CCD Time-of-flight Camera
- 9.3 Consumption Segmentation (2017 to 2021f)
 - 9.3.1 Automotive Applications
 - 9.3.2 Human-machine Interfaces and Gaming
 - 9.3.3 Measurement and Machine Vision
 - 9.3.4 Robotics and Drone
 - 9.3.5 Others
- 9.4 Impact of COVID-19 in Europe

10 COMPETITION OF MAJOR PLAYERS

- 10.1 Brief Introduction of Major Players
 - 10.1.1 SoftKinetic (Sony)
 - 10.1.2 Microchip Technology
 - 10.1.3 IFM Electronic GmbH
 - 10.1.4 PrimeSense (Apple)
 - 10.1.5 MESA (Heptagon)
 - 10.1.6 Melexis
 - 10.1.7 ifm Electronic
 - 10.1.8 Teledyne
 - 10.1.9 Odos-imaging
 - 10.1.10 LMI Technologies
 - 10.1.11 Fastree3D
 - 10.1.12 Texas Instruments
 - 10.1.13 STMicroelectronics



- 10.1.14 PMD Technologies
- 10.1.15 Infineon
- 10.1.16 Canesta (Microsoft)
- 10.1.17 Espros Photonics
- 10.1.18 TriDiCam
- 10.2 Time of Flight (ToF) Camera Sales Date of Major Players (2017-2020e)
 - 10.2.1 SoftKinetic (Sony)
 - 10.2.2 Microchip Technology
 - 10.2.3 IFM Electronic GmbH
 - 10.2.4 PrimeSense (Apple)
 - 10.2.5 MESA (Heptagon)
 - 10.2.6 Melexis
- 10.2.7 ifm Electronic
- 10.2.8 Teledyne
- 10.2.9 Odos-imaging
- 10.2.10 LMI Technologies
- 10.2.11 Fastree3D
- 10.2.12 Texas Instruments
- 10.2.13 STMicroelectronics
- 10.2.14 PMD Technologies
- 10.2.15 Infineon
- 10.2.16 Canesta (Microsoft)
- 10.2.17 Espros Photonics
- 10.2.18 TriDiCam
- 10.3 Market Distribution of Major Players
- 10.4 Global Competition Segmentation

11 MARKET FORECAST

- 11.1 Forecast by Region
- 11.2 Forecast by Demand
- 11.3 Environment Forecast
 - 11.3.1 Impact of COVID-19
 - 11.3.2 Geopolitics Overview
 - 11.3.3 Economic Overview of Major Countries

12 REPORT SUMMARY STATEMENT



List Of Tables

LIST OF TABLES

- 1. Table Time of Flight (ToF) Camera Product Type Overview
- 2. Table Time of Flight (ToF) Camera Product Type Market Share List
- 3. Table Time of Flight (ToF) Camera Product Type of Major Players
- 4. Table Brief Introduction of SoftKinetic (Sony)
- 5. Table Brief Introduction of Microchip Technology
- 6. Table Brief Introduction of IFM Electronic GmbH
- 7. Table Brief Introduction of PrimeSense (Apple)
- 8. Table Brief Introduction of MESA (Heptagon)
- 9. Table Brief Introduction of Melexis
- 10. Table Brief Introduction of ifm Electronic
- 11. Table Brief Introduction of Teledyne
- 12. Table Brief Introduction of Odos-imaging
- 13. Table Brief Introduction of LMI Technologies
- 14. Table Brief Introduction of Fastree3D
- 15. Table Brief Introduction of Texas Instruments
- 16. Table Brief Introduction of STMicroelectronics
- 17. Table Brief Introduction of PMD Technologies
- 18. Table Brief Introduction of Infineon
- 19. Table Brief Introduction of Canesta (Microsoft)
- 20. Table Brief Introduction of Espros Photonics
- 21. Table Brief Introduction of TriDiCam
- 22. Table Products & Services of SoftKinetic (Sony)
- 23. Table Products & Services of Microchip Technology
- 24. Table Products & Services of IFM Electronic GmbH
- 25. Table Products & Services of PrimeSense (Apple)
- 26. Table Products & Services of MESA (Heptagon)
- 27. Table Products & Services of Melexis
- 28. Table Products & Services of ifm Electronic
- 29. Table Products & Services of Teledyne
- 30. Table Products & Services of Odos-imaging
- 31. Table Products & Services of LMI Technologies
- 32. Table Products & Services of Fastree3D
- 33. Table Products & Services of Texas Instruments
- 34. Table Products & Services of STMicroelectronics
- 35. Table Products & Services of PMD Technologies
- 36. Table Products & Services of Infineon



- 37. Table Products & Services of Canesta (Microsoft)
- 38. Table Products & Services of Espros Photonics
- 39. Table Products & Services of TriDiCam
- 40. Table Market Distribution of Major Players
- 41. Table Global Major Players Sales Revenue (Million USD) 2017-2020e
- 42. Table Global Major Players Sales Revenue (Million USD) Share 2017-2020e
- 43. Table Global Time of Flight (ToF) Camera Market Forecast (Million USD) by Region 2021f-2026f
- 44. Table Global Time of Flight (ToF) Camera Market Forecast (Million USD) Share by Region 2021f-2026f
- 45. Table Global Time of Flight (ToF) Camera Market Forecast (Million USD) by Demand 2021f-2026f
- 46. Table Global Time of Flight (ToF) Camera Market Forecast (Million USD) Share by Demand 2021f-2026f



List Of Figures

LIST OF FIGURES

- 1. Figure Global Time of Flight (ToF) Camera Market Size under the Impact of COVID-19, 2017-2021f (USD Million)
- 2. Figure Global Time of Flight (ToF) Camera Market by Region under the Impact of COVID-19, 2017-2021f (USD Million)
- 3. Figure Global Time of Flight (ToF) Camera Market by Product Type under the Impact of COVID-19, 2017-2021f (USD Million)
- 4. Figure Global Time of Flight (ToF) Camera Market by Demand under the Impact of COVID-19, 2017-2021f (USD Million)
- 5. Figure Global Time of Flight (ToF) Camera Production by Region under the Impact of COVID-19, 2021-2026 (USD Million)
- 6. Figure Global Time of Flight (ToF) Camera Consumption by Region under the Impact of COVID-19, 2021-2026 (USD Million)
- 7. Figure Global Time of Flight (ToF) Camera Consumption by Type under the Impact of COVID-19, 2021-2026 (USD Million)
- 8. Figure North America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 9. Figure Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 10.Figure Asia-Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 11.Figure South America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 12. Figure Middle East and Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 13. Figure CMOS Time-of-flight Camera Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 14. Figure CCD Time-of-flight Camera Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 15. Figure Automotive Applications Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 16. Figure Human-machine Interfaces and Gaming Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 17. Figure Measurement and Machine Vision Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 18. Figure Robotics and Drone Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f



- 19. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 20.Figure U.S. Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 21.Figure Canada Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 22. Figure Mexico Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 23. Figure CMOS Time-of-flight Camera Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 24. Figure CCD Time-of-flight Camera Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 25. Figure Automotive Applications Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 26. Figure Human-machine Interfaces and Gaming Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 27. Figure Measurement and Machine Vision Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 28. Figure Robotics and Drone Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 29. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 30.Figure Germany Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 31.Figure UK Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 32. Figure France Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 33. Figure Italy Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 34.Figure Rest of Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 35. Figure CMOS Time-of-flight Camera Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 36. Figure CCD Time-of-flight Camera Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 37. Figure Automotive Applications Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 38. Figure Human-machine Interfaces and Gaming Segmentation Market Size (USD



- Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 39. Figure Measurement and Machine Vision Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 40.Figure Robotics and Drone Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 41. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 42.Figure China Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 43. Figure India Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 44.Figure Japan Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 45. Figure South Korea Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 46. Figure Southeast Asia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 47. Figure Australia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 48. Figure Rest of Asia Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 49. Figure CMOS Time-of-flight Camera Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 50. Figure CCD Time-of-flight Camera Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 51. Figure Automotive Applications Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 52. Figure Human-machine Interfaces and Gaming Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 53. Figure Measurement and Machine Vision Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 54. Figure Robotics and Drone Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 55. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 56. Figure Brazil Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 57. Figure Argentina Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f



- 58. Figure Rest of Latin America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 59. Figure CMOS Time-of-flight Camera Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 60. Figure CCD Time-of-flight Camera Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 61. Figure Automotive Applications Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 62. Figure Human-machine Interfaces and Gaming Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 63. Figure Measurement and Machine Vision Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 64. Figure Robotics and Drone Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 65. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 66. Figure GCC Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 67. Figure North Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 68. Figure South Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 69. Figure Rest of Middle East and Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 70. Figure CMOS Time-of-flight Camera Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 71. Figure CCD Time-of-flight Came



I would like to order

Product name: Time of Flight (ToF) Camera Market Status and Trend Analysis 2017-2026 (COVID-19

Version)

Product link: https://marketpublishers.com/r/TD4AB59E73F2EN.html

Price: US\$ 2,800.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

First name

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/TD4AB59E73F2EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



