

# 3D Time-of-flight Image Sensor Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

https://marketpublishers.com/r/3D321DE4632FEN.html

Date: November 2020

Pages: 91

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

ID: 3D321DE4632FEN

# **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 3D Time-of-flight Image Sensor 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 3D Time-of-flight Image Sensor market segmented into

Consumer Electronics



QVGA ToF Image Sensor		
Others		
Based on the end-use, the global 3D Time-of-flight Image Sensor market classified into		
Consumer Electronics		
Robotics and Drone		
Machine Vision and Industrial Automation		
Entertainment		
Automobile		
Others		
Based on geography, the global 3D Time-of-flight Image Sensor market segmented		
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]		

3D Time-of-flight Image Sensor Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

And the major players included in the report are

**Texas Instruments** 



STMicroelectronics
PMD Technologies
Infineon
PrimeSense (Apple)
MESA (Heptagon)
Melexis
ifm Electronic
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 3D TIME-OF-FLIGHT IMAGE SENSOR INDUSTRY

- 2.1 Summary about 3D Time-of-flight Image Sensor Industry
- 2.2 3D Time-of-flight Image Sensor Market Trends
  - 2.2.1 3D Time-of-flight Image Sensor Production & Consumption Trends
- 2.2.2 3D Time-of-flight Image Sensor Demand Structure Trends
- 2.3 3D Time-of-flight Image Sensor 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 Half-QQVGA ToF Image Sensor
- 4.2.2 QVGA ToF Image Sensor
- 4.2.3 Others
- 4.3 Consumption Segmentation (2017 to 2021f)
  - 4.3.1 Consumer Electronics
  - 4.3.2 Robotics and Drone
  - 4.3.3 Machine Vision and Industrial Automation
  - 4.3.4 Entertainment
  - 4.3.5 Automobile
  - 4.3.6 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 Half-QQVGA ToF Image Sensor
  - 5.2.2 QVGA ToF Image Sensor
  - 5.2.3 Others
- 5.3 Consumption Segmentation (2017 to 2021f)
  - 5.3.1 Consumer Electronics
  - 5.3.2 Robotics and Drone
  - 5.3.3 Machine Vision and Industrial Automation
  - 5.3.4 Entertainment
  - 5.3.5 Automobile
  - 5.3.6 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 Half-QQVGA ToF Image Sensor
- 6.2.2 QVGA ToF Image Sensor
- 6.2.3 Others
- 6.3 Consumption Segmentation (2017 to 2021f)
  - 6.3.1 Consumer Electronics
  - 6.3.2 Robotics and Drone
  - 6.3.3 Machine Vision and Industrial Automation
  - 6.3.4 Entertainment
  - 6.3.5 Automobile
  - 6.3.6 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 Half-QQVGA ToF Image Sensor
  - 7.2.2 QVGA ToF Image Sensor
  - 7.2.3 Others
- 7.3 Consumption Segmentation (2017 to 2021f)
  - 7.3.1 Consumer Electronics
  - 7.3.2 Robotics and Drone
  - 7.3.3 Machine Vision and Industrial Automation
  - 7.3.4 Entertainment
  - 7.3.5 Automobile
  - 7.3.6 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 Half-QQVGA ToF Image Sensor
  - 8.2.2 QVGA ToF Image Sensor
  - 8.2.3 Others
- 8.3 Consumption Segmentation (2017 to 2021f)
  - 8.3.1 Consumer Electronics
  - 8.3.2 Robotics and Drone
  - 8.3.3 Machine Vision and Industrial Automation
  - 8.3.4 Entertainment
  - 8.3.5 Automobile
  - 8.3.6 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 Half-QQVGA ToF Image Sensor
  - 9.2.2 QVGA ToF Image Sensor
  - 9.2.3 Others
- 9.3 Consumption Segmentation (2017 to 2021f)
  - 9.3.1 Consumer Electronics
  - 9.3.2 Robotics and Drone
  - 9.3.3 Machine Vision and Industrial Automation
  - 9.3.4 Entertainment
  - 9.3.5 Automobile
  - 9.3.6 Others
- 9.4 Impact of COVID-19 in Europe

#### 10 COMPETITION OF MAJOR PLAYERS

- 10.1 Brief Introduction of Major Players
  - 10.1.1 Texas Instruments



- 10.1.2 STMicroelectronics
- 10.1.3 PMD Technologies
- 10.1.4 Infineon
- 10.1.5 PrimeSense (Apple)
- 10.1.6 MESA (Heptagon)
- 10.1.7 Melexis
- 10.1.8 ifm Electronic
- 10.1.9 Canesta (Microsoft)
- 10.1.10 Espros Photonics
- 10.1.11 TriDiCam
- 10.2 3D Time-of-flight Image Sensor Sales Date of Major Players (2017-2020e)
  - 10.2.1 Texas Instruments
  - 10.2.2 STMicroelectronics
  - 10.2.3 PMD Technologies
  - 10.2.4 Infineon
  - 10.2.5 PrimeSense (Apple)
  - 10.2.6 MESA (Heptagon)
  - 10.2.7 Melexis
  - 10.2.8 ifm Electronic
  - 10.2.9 Canesta (Microsoft)
  - 10.2.10 Espros Photonics
- 10.2.11 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 3D Time-of-flight Image Sensor Product Type Overview
- 2. Table 3D Time-of-flight Image Sensor Product Type Market Share List
- 3. Table 3D Time-of-flight Image Sensor Product Type of Major Players
- 4. Table Brief Introduction of Texas Instruments
- 5. Table Brief Introduction of STMicroelectronics
- 6. Table Brief Introduction of PMD Technologies
- 7. Table Brief Introduction of Infineon
- 8. Table Brief Introduction of PrimeSense (Apple)
- 9. Table Brief Introduction of MESA (Heptagon)
- 10. Table Brief Introduction of Melexis
- 11. Table Brief Introduction of ifm Electronic
- 12. Table Brief Introduction of Canesta (Microsoft)
- 13. Table Brief Introduction of Espros Photonics
- 14. Table Brief Introduction of TriDiCam
- 15. Table Products & Services of Texas Instruments
- 16. Table Products & Services of STMicroelectronics
- 17. Table Products & Services of PMD Technologies
- 18. Table Products & Services of Infineon
- 19. Table Products & Services of PrimeSense (Apple)
- 20. Table Products & Services of MESA (Heptagon)
- 21. Table Products & Services of Melexis
- 22. Table Products & Services of ifm Electronic
- 23. Table Products & Services of Canesta (Microsoft)
- 24. Table Products & Services of Espros Photonics
- 25. Table Products & Services of TriDiCam
- 26. Table Market Distribution of Major Players
- 27. Table Global Major Players Sales Revenue (Million USD) 2017-2020e
- 28. Table Global Major Players Sales Revenue (Million USD) Share 2017-2020e
- 29. Table Global 3D Time-of-flight Image Sensor Market Forecast (Million USD) by Region 2021f-2026f
- 30.Table Global 3D Time-of-flight Image Sensor Market Forecast (Million USD) Share by Region 2021f-2026f
- 31.Table Global 3D Time-of-flight Image Sensor Market Forecast (Million USD) by Demand 2021f-2026f
- 32. Table Global 3D Time-of-flight Image Sensor Market Forecast (Million USD) Share by Demand 2021f-2026f



# **List Of Figures**

#### **LIST OF FIGURES**

- 1.Figure Global 3D Time-of-flight Image Sensor Market Size under the Impact of COVID-19, 2017-2021f (USD Million)
- 2. Figure Global 3D Time-of-flight Image Sensor Market by Region under the Impact of COVID-19, 2017-2021f (USD Million)
- 3. Figure Global 3D Time-of-flight Image Sensor Market by Product Type under the Impact of COVID-19, 2017-2021f (USD Million)
- 4. Figure Global 3D Time-of-flight Image Sensor Market by Demand under the Impact of COVID-19, 2017-2021f (USD Million)
- 5. Figure Global 3D Time-of-flight Image Sensor Production by Region under the Impact of COVID-19, 2021-2026 (USD Million)
- 6. Figure Global 3D Time-of-flight Image Sensor Consumption by Region under the Impact of COVID-19, 2021-2026 (USD Million)
- 7. Figure Global 3D Time-of-flight Image Sensor 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 Half-QQVGA ToF Image Sensor Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 14. Figure QVGA ToF Image Sensor Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 15. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 16.Figure Consumer Electronics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 17. Figure Robotics and Drone Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 18. Figure Machine Vision and Industrial Automation Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f



- 19. Figure Entertainment Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 20.Figure Automobile Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 21. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 22.Figure U.S. Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 23. Figure Canada Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 24. Figure Mexico Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 25. Figure Half-QQVGA ToF Image Sensor Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 26. Figure QVGA ToF Image Sensor Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 27. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 28. Figure Consumer Electronics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 29. Figure Robotics and Drone Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 30. Figure Machine Vision and Industrial Automation Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 31. Figure Entertainment Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 32. Figure Automobile Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 33. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 34. Figure Germany Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 35.Figure UK Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 36.Figure France Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 37. Figure Italy Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 38. Figure Rest of Europe Market Size (USD Million) 2017-2021f and Year-over-year



- (YOY) Growth (%) 2018-2021f
- 39. Figure Half-QQVGA ToF Image Sensor Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 40. Figure QVGA ToF Image Sensor 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 Consumer Electronics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 43. Figure Robotics and Drone Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 44. Figure Machine Vision and Industrial Automation Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 45. Figure Entertainment Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 46. Figure Automobile Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 47. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 48.Figure China Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 49. Figure India Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 50. Figure Japan Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 51. Figure South Korea Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 52. Figure Southeast Asia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 53. Figure Australia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 54. Figure Rest of Asia Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 55. Figure Half-QQVGA ToF Image Sensor Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 56. Figure QVGA ToF Image Sensor Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 57. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f



- 58. Figure Consumer Electronics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 59. Figure Robotics and Drone Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 60. Figure Machine Vision and Industrial Automation Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 61. Figure Entertainment Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 62. Figure Automobile Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 63. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 64. Figure Brazil Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 65. Figure Argentina Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 66. Figure Rest of Latin America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 67. Figure Half-QQVGA ToF Image Sensor Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 68. Figure QVGA ToF Image Sensor Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 69. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 70. Figure Consumer Electronics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 71. Figure Robotics and Drone Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 72. Figure Machine



#### I would like to order

Product name: 3D Time-of-flight Image Sensor Market Status and Trend Analysis 2017-2026 (COVID-19

Version)

Product link: <a href="https://marketpublishers.com/r/3D321DE4632FEN.html">https://marketpublishers.com/r/3D321DE4632FEN.html</a>

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 <a href="https://marketpublishers.com/r/3D321DE4632FEN.html">https://marketpublishers.com/r/3D321DE4632FEN.html</a>

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 <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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



