

# Global 3D Structured Light Type Sensor Module Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global 3D Structured Light Type Sensor Module market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The principle of the 3D structured light scheme is to use an infrared light source. The emitted light is projected onto the object through a certain code. When these patterns are reflected back from the object surface, different deformations will occur with different distances from the object. The image sensor will take pictures of the deformed patterns. Based on the triangulation method, the corresponding parallax can be obtained by calculating the deformation amount of each pixel in the captured pattern, so as to further obtain the depth value.

This report studies the global 3D Structured Light Type Sensor Module production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for 3D Structured Light Type Sensor Module, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of 3D Structured Light Type Sensor Module that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global 3D Structured Light Type Sensor Module total production and demand, 2018-2029, (M Units)

Global 3D Structured Light Type Sensor Module total production value, 2018-2029, (USD Million)

Global 3D Structured Light Type Sensor Module production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (M Units)

Global 3D Structured Light Type Sensor Module consumption by region & country, CAGR, 2018-2029 & (M Units)

U.S. VS China: 3D Structured Light Type Sensor Module domestic production, consumption, key domestic manufacturers and share

Global 3D Structured Light Type Sensor Module production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (M Units)

Global 3D Structured Light Type Sensor Module production by Type, production, value, CAGR, 2018-2029, (USD Million) & (M Units)

Global 3D Structured Light Type Sensor Module production by Application production, value, CAGR, 2018-2029, (USD Million) & (M Units)

This reports profiles key players in the global 3D Structured Light Type Sensor Module market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include LG Innotek, OFILM Group Co.,Ltd., Luxvisions Innovation Technology Limited, Cloudwalk Group Co.,Ltd., Orbbec Inc., Beijing Hjimi Technology Co., Ltd, Himax Technologies, Inc., Samsung and Sunny Optical Technology (Group) Co. Ltd., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World 3D Structured Light Type Sensor Module market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (M Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global 3D Structured Light Type Sensor Module Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global 3D Structured Light Type Sensor Module Market, Segmentation by Type

Speckle Structured Light

Coded Structured Light

#### Global 3D Structured Light Type Sensor Module Market, Segmentation by Application

Consumer Electronics

Biometric Identification

Automotive Electronics

AIoT Industry

Other

#### Companies Profiled:

LG Innotek

OFILM Group Co.,Ltd.

Luxvisions Innovation Technology Limited

Cloudwalk Group Co.,Ltd.

Orbbec Inc.

Beijing Hjimi Technology Co., Ltd

Himax Technologies, Inc.

Samsung

Sunny Optical Technology (Group) Co. Ltd.

Q Technology (Group) Co., Ltd.

#### Key Questions Answered

1. How big is the global 3D Structured Light Type Sensor Module market?
2. What is the demand of the global 3D Structured Light Type Sensor Module market?
3. What is the year over year growth of the global 3D Structured Light Type Sensor Module market?
4. What is the production and production value of the global 3D Structured Light Type Sensor Module market?

5. Who are the key producers in the global 3D Structured Light Type Sensor Module market?

6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 3D Structured Light Type Sensor Module Introduction
- 1.2 World 3D Structured Light Type Sensor Module Supply & Forecast
  - 1.2.1 World 3D Structured Light Type Sensor Module Production Value (2018 & 2022 & 2029)
  - 1.2.2 World 3D Structured Light Type Sensor Module Production (2018-2029)
  - 1.2.3 World 3D Structured Light Type Sensor Module Pricing Trends (2018-2029)
- 1.3 World 3D Structured Light Type Sensor Module Production by Region (Based on Production Site)
  - 1.3.1 World 3D Structured Light Type Sensor Module Production Value by Region (2018-2029)
  - 1.3.2 World 3D Structured Light Type Sensor Module Production by Region (2018-2029)
  - 1.3.3 World 3D Structured Light Type Sensor Module Average Price by Region (2018-2029)
  - 1.3.4 North America 3D Structured Light Type Sensor Module Production (2018-2029)
  - 1.3.5 Europe 3D Structured Light Type Sensor Module Production (2018-2029)
  - 1.3.6 China 3D Structured Light Type Sensor Module Production (2018-2029)
  - 1.3.7 Japan 3D Structured Light Type Sensor Module Production (2018-2029)
  - 1.3.8 South Korea 3D Structured Light Type Sensor Module Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 3D Structured Light Type Sensor Module Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 3D Structured Light Type Sensor Module Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World 3D Structured Light Type Sensor Module Demand (2018-2029)
- 2.2 World 3D Structured Light Type Sensor Module Consumption by Region
  - 2.2.1 World 3D Structured Light Type Sensor Module Consumption by Region (2018-2023)
  - 2.2.2 World 3D Structured Light Type Sensor Module Consumption Forecast by Region (2024-2029)

- 2.3 United States 3D Structured Light Type Sensor Module Consumption (2018-2029)
- 2.4 China 3D Structured Light Type Sensor Module Consumption (2018-2029)
- 2.5 Europe 3D Structured Light Type Sensor Module Consumption (2018-2029)
- 2.6 Japan 3D Structured Light Type Sensor Module Consumption (2018-2029)
- 2.7 South Korea 3D Structured Light Type Sensor Module Consumption (2018-2029)
- 2.8 ASEAN 3D Structured Light Type Sensor Module Consumption (2018-2029)
- 2.9 India 3D Structured Light Type Sensor Module Consumption (2018-2029)

### **3 WORLD 3D STRUCTURED LIGHT TYPE SENSOR MODULE MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World 3D Structured Light Type Sensor Module Production Value by Manufacturer (2018-2023)
- 3.2 World 3D Structured Light Type Sensor Module Production by Manufacturer (2018-2023)
- 3.3 World 3D Structured Light Type Sensor Module Average Price by Manufacturer (2018-2023)
- 3.4 3D Structured Light Type Sensor Module Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global 3D Structured Light Type Sensor Module Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for 3D Structured Light Type Sensor Module in 2022
  - 3.5.3 Global Concentration Ratios (CR8) for 3D Structured Light Type Sensor Module in 2022
- 3.6 3D Structured Light Type Sensor Module Market: Overall Company Footprint Analysis
  - 3.6.1 3D Structured Light Type Sensor Module Market: Region Footprint
  - 3.6.2 3D Structured Light Type Sensor Module Market: Company Product Type Footprint
  - 3.6.3 3D Structured Light Type Sensor Module Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

## **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

### **4.1 United States VS China: 3D Structured Light Type Sensor Module Production Value Comparison**

4.1.1 United States VS China: 3D Structured Light Type Sensor Module Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: 3D Structured Light Type Sensor Module Production Value Market Share Comparison (2018 & 2022 & 2029)

### **4.2 United States VS China: 3D Structured Light Type Sensor Module Production Comparison**

4.2.1 United States VS China: 3D Structured Light Type Sensor Module Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: 3D Structured Light Type Sensor Module Production Market Share Comparison (2018 & 2022 & 2029)

### **4.3 United States VS China: 3D Structured Light Type Sensor Module Consumption Comparison**

4.3.1 United States VS China: 3D Structured Light Type Sensor Module Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: 3D Structured Light Type Sensor Module Consumption Market Share Comparison (2018 & 2022 & 2029)

### **4.4 United States Based 3D Structured Light Type Sensor Module Manufacturers and Market Share, 2018-2023**

4.4.1 United States Based 3D Structured Light Type Sensor Module Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers 3D Structured Light Type Sensor Module Production Value (2018-2023)

4.4.3 United States Based Manufacturers 3D Structured Light Type Sensor Module Production (2018-2023)

### **4.5 China Based 3D Structured Light Type Sensor Module Manufacturers and Market Share**

4.5.1 China Based 3D Structured Light Type Sensor Module Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers 3D Structured Light Type Sensor Module Production Value (2018-2023)

4.5.3 China Based Manufacturers 3D Structured Light Type Sensor Module Production (2018-2023)

### **4.6 Rest of World Based 3D Structured Light Type Sensor Module Manufacturers and Market Share, 2018-2023**

4.6.1 Rest of World Based 3D Structured Light Type Sensor Module Manufacturers,



Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers 3D Structured Light Type Sensor Module Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers 3D Structured Light Type Sensor Module Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World 3D Structured Light Type Sensor Module Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Speckle Structured Light

5.2.2 Coded Structured Light

5.3 Market Segment by Type

5.3.1 World 3D Structured Light Type Sensor Module Production by Type (2018-2029)

5.3.2 World 3D Structured Light Type Sensor Module Production Value by Type (2018-2029)

5.3.3 World 3D Structured Light Type Sensor Module Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World 3D Structured Light Type Sensor Module Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Consumer Electronics

6.2.2 Biometric Identification

6.2.3 Automotive Electronics

6.2.4 AIoT Industry

6.2.5 Other

6.3 Market Segment by Application

6.3.1 World 3D Structured Light Type Sensor Module Production by Application (2018-2029)

6.3.2 World 3D Structured Light Type Sensor Module Production Value by Application (2018-2029)

6.3.3 World 3D Structured Light Type Sensor Module Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

## 7.1 LG Innotek

7.1.1 LG Innotek Details

7.1.2 LG Innotek Major Business

7.1.3 LG Innotek 3D Structured Light Type Sensor Module Product and Services

7.1.4 LG Innotek 3D Structured Light Type Sensor Module Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 LG Innotek Recent Developments/Updates

7.1.6 LG Innotek Competitive Strengths & Weaknesses

## 7.2 OFILM Group Co.,Ltd.

7.2.1 OFILM Group Co.,Ltd. Details

7.2.2 OFILM Group Co.,Ltd. Major Business

7.2.3 OFILM Group Co.,Ltd. 3D Structured Light Type Sensor Module Product and Services

7.2.4 OFILM Group Co.,Ltd. 3D Structured Light Type Sensor Module Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 OFILM Group Co.,Ltd. Recent Developments/Updates

7.2.6 OFILM Group Co.,Ltd. Competitive Strengths & Weaknesses

## 7.3 Luxvisions Innovation Technology Limited

7.3.1 Luxvisions Innovation Technology Limited Details

7.3.2 Luxvisions Innovation Technology Limited Major Business

7.3.3 Luxvisions Innovation Technology Limited 3D Structured Light Type Sensor Module Product and Services

7.3.4 Luxvisions Innovation Technology Limited 3D Structured Light Type Sensor Module Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Luxvisions Innovation Technology Limited Recent Developments/Updates

7.3.6 Luxvisions Innovation Technology Limited Competitive Strengths & Weaknesses

## 7.4 Cloudwalk Group Co.,Ltd.

7.4.1 Cloudwalk Group Co.,Ltd. Details

7.4.2 Cloudwalk Group Co.,Ltd. Major Business

7.4.3 Cloudwalk Group Co.,Ltd. 3D Structured Light Type Sensor Module Product and Services

7.4.4 Cloudwalk Group Co.,Ltd. 3D Structured Light Type Sensor Module Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Cloudwalk Group Co.,Ltd. Recent Developments/Updates

7.4.6 Cloudwalk Group Co.,Ltd. Competitive Strengths & Weaknesses

## 7.5 Orbbec Inc.

7.5.1 Orbbec Inc. Details

7.5.2 Orbbec Inc. Major Business

- 7.5.3 Orbbec Inc. 3D Structured Light Type Sensor Module Product and Services
- 7.5.4 Orbbec Inc. 3D Structured Light Type Sensor Module Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.5.5 Orbbec Inc. Recent Developments/Updates
- 7.5.6 Orbbec Inc. Competitive Strengths & Weaknesses
- 7.6 Beijing Hjimi Technology Co., Ltd
  - 7.6.1 Beijing Hjimi Technology Co., Ltd Details
  - 7.6.2 Beijing Hjimi Technology Co., Ltd Major Business
  - 7.6.3 Beijing Hjimi Technology Co., Ltd 3D Structured Light Type Sensor Module Product and Services
  - 7.6.4 Beijing Hjimi Technology Co., Ltd 3D Structured Light Type Sensor Module Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Beijing Hjimi Technology Co., Ltd Recent Developments/Updates
  - 7.6.6 Beijing Hjimi Technology Co., Ltd Competitive Strengths & Weaknesses
- 7.7 Himax Technologies, Inc.
  - 7.7.1 Himax Technologies, Inc. Details
  - 7.7.2 Himax Technologies, Inc. Major Business
  - 7.7.3 Himax Technologies, Inc. 3D Structured Light Type Sensor Module Product and Services
  - 7.7.4 Himax Technologies, Inc. 3D Structured Light Type Sensor Module Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 Himax Technologies, Inc. Recent Developments/Updates
  - 7.7.6 Himax Technologies, Inc. Competitive Strengths & Weaknesses
- 7.8 Samsung
  - 7.8.1 Samsung Details
  - 7.8.2 Samsung Major Business
  - 7.8.3 Samsung 3D Structured Light Type Sensor Module Product and Services
  - 7.8.4 Samsung 3D Structured Light Type Sensor Module Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.8.5 Samsung Recent Developments/Updates
  - 7.8.6 Samsung Competitive Strengths & Weaknesses
- 7.9 Sunny Optical Technology (Group) Co. Ltd.
  - 7.9.1 Sunny Optical Technology (Group) Co. Ltd. Details
  - 7.9.2 Sunny Optical Technology (Group) Co. Ltd. Major Business
  - 7.9.3 Sunny Optical Technology (Group) Co. Ltd. 3D Structured Light Type Sensor Module Product and Services
  - 7.9.4 Sunny Optical Technology (Group) Co. Ltd. 3D Structured Light Type Sensor Module Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.9.5 Sunny Optical Technology (Group) Co. Ltd. Recent Developments/Updates

7.9.6 Sunny Optical Technology (Group) Co. Ltd. Competitive Strengths & Weaknesses

7.10 Q Technology (Group) Co., Ltd.

7.10.1 Q Technology (Group) Co., Ltd. Details

7.10.2 Q Technology (Group) Co., Ltd. Major Business

7.10.3 Q Technology (Group) Co., Ltd. 3D Structured Light Type Sensor Module Product and Services

7.10.4 Q Technology (Group) Co., Ltd. 3D Structured Light Type Sensor Module Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 Q Technology (Group) Co., Ltd. Recent Developments/Updates

7.10.6 Q Technology (Group) Co., Ltd. Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

8.1 3D Structured Light Type Sensor Module Industry Chain

8.2 3D Structured Light Type Sensor Module Upstream Analysis

8.2.1 3D Structured Light Type Sensor Module Core Raw Materials

8.2.2 Main Manufacturers of 3D Structured Light Type Sensor Module Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 3D Structured Light Type Sensor Module Production Mode

8.6 3D Structured Light Type Sensor Module Procurement Model

8.7 3D Structured Light Type Sensor Module Industry Sales Model and Sales Channels

8.7.1 3D Structured Light Type Sensor Module Sales Model

8.7.2 3D Structured Light Type Sensor Module Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World 3D Structured Light Type Sensor Module Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World 3D Structured Light Type Sensor Module Production Value by Region (2018-2023) & (USD Million)

Table 3. World 3D Structured Light Type Sensor Module Production Value by Region (2024-2029) & (USD Million)

Table 4. World 3D Structured Light Type Sensor Module Production Value Market Share by Region (2018-2023)

Table 5. World 3D Structured Light Type Sensor Module Production Value Market Share by Region (2024-2029)

Table 6. World 3D Structured Light Type Sensor Module Production by Region (2018-2023) & (M Units)

Table 7. World 3D Structured Light Type Sensor Module Production by Region (2024-2029) & (M Units)

Table 8. World 3D Structured Light Type Sensor Module Production Market Share by Region (2018-2023)

Table 9. World 3D Structured Light Type Sensor Module Production Market Share by Region (2024-2029)

Table 10. World 3D Structured Light Type Sensor Module Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World 3D Structured Light Type Sensor Module Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. 3D Structured Light Type Sensor Module Major Market Trends

Table 13. World 3D Structured Light Type Sensor Module Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (M Units)

Table 14. World 3D Structured Light Type Sensor Module Consumption by Region (2018-2023) & (M Units)

Table 15. World 3D Structured Light Type Sensor Module Consumption Forecast by Region (2024-2029) & (M Units)

Table 16. World 3D Structured Light Type Sensor Module Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key 3D Structured Light Type Sensor Module Producers in 2022

Table 18. World 3D Structured Light Type Sensor Module Production by Manufacturer (2018-2023) & (M Units)

Table 19. Production Market Share of Key 3D Structured Light Type Sensor Module Producers in 2022

Table 20. World 3D Structured Light Type Sensor Module Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global 3D Structured Light Type Sensor Module Company Evaluation Quadrant

Table 22. World 3D Structured Light Type Sensor Module Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and 3D Structured Light Type Sensor Module Production Site of Key Manufacturer

Table 24. 3D Structured Light Type Sensor Module Market: Company Product Type Footprint

Table 25. 3D Structured Light Type Sensor Module Market: Company Product Application Footprint

Table 26. 3D Structured Light Type Sensor Module Competitive Factors

Table 27. 3D Structured Light Type Sensor Module New Entrant and Capacity Expansion Plans

Table 28. 3D Structured Light Type Sensor Module Mergers & Acquisitions Activity

Table 29. United States VS China 3D Structured Light Type Sensor Module Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China 3D Structured Light Type Sensor Module Production Comparison, (2018 & 2022 & 2029) & (M Units)

Table 31. United States VS China 3D Structured Light Type Sensor Module Consumption Comparison, (2018 & 2022 & 2029) & (M Units)

Table 32. United States Based 3D Structured Light Type Sensor Module Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers 3D Structured Light Type Sensor Module Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers 3D Structured Light Type Sensor Module Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers 3D Structured Light Type Sensor Module Production (2018-2023) & (M Units)

Table 36. United States Based Manufacturers 3D Structured Light Type Sensor Module Production Market Share (2018-2023)

Table 37. China Based 3D Structured Light Type Sensor Module Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers 3D Structured Light Type Sensor Module Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers 3D Structured Light Type Sensor Module

Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers 3D Structured Light Type Sensor Module Production (2018-2023) & (M Units)

Table 41. China Based Manufacturers 3D Structured Light Type Sensor Module Production Market Share (2018-2023)

Table 42. Rest of World Based 3D Structured Light Type Sensor Module Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers 3D Structured Light Type Sensor Module Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers 3D Structured Light Type Sensor Module Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers 3D Structured Light Type Sensor Module Production (2018-2023) & (M Units)

Table 46. Rest of World Based Manufacturers 3D Structured Light Type Sensor Module Production Market Share (2018-2023)

Table 47. World 3D Structured Light Type Sensor Module Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World 3D Structured Light Type Sensor Module Production by Type (2018-2023) & (M Units)

Table 49. World 3D Structured Light Type Sensor Module Production by Type (2024-2029) & (M Units)

Table 50. World 3D Structured Light Type Sensor Module Production Value by Type (2018-2023) & (USD Million)

Table 51. World 3D Structured Light Type Sensor Module Production Value by Type (2024-2029) & (USD Million)

Table 52. World 3D Structured Light Type Sensor Module Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World 3D Structured Light Type Sensor Module Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World 3D Structured Light Type Sensor Module Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World 3D Structured Light Type Sensor Module Production by Application (2018-2023) & (M Units)

Table 56. World 3D Structured Light Type Sensor Module Production by Application (2024-2029) & (M Units)

Table 57. World 3D Structured Light Type Sensor Module Production Value by Application (2018-2023) & (USD Million)

Table 58. World 3D Structured Light Type Sensor Module Production Value by Application (2024-2029) & (USD Million)

Table 59. World 3D Structured Light Type Sensor Module Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World 3D Structured Light Type Sensor Module Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. LG Innotek Basic Information, Manufacturing Base and Competitors

Table 62. LG Innotek Major Business

Table 63. LG Innotek 3D Structured Light Type Sensor Module Product and Services

Table 64. LG Innotek 3D Structured Light Type Sensor Module Production (M Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. LG Innotek Recent Developments/Updates

Table 66. LG Innotek Competitive Strengths & Weaknesses

Table 67. OFILM Group Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 68. OFILM Group Co.,Ltd. Major Business

Table 69. OFILM Group Co.,Ltd. 3D Structured Light Type Sensor Module Product and Services

Table 70. OFILM Group Co.,Ltd. 3D Structured Light Type Sensor Module Production (M Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. OFILM Group Co.,Ltd. Recent Developments/Updates

Table 72. OFILM Group Co.,Ltd. Competitive Strengths & Weaknesses

Table 73. Luxvisions Innovation Technology Limited Basic Information, Manufacturing Base and Competitors

Table 74. Luxvisions Innovation Technology Limited Major Business

Table 75. Luxvisions Innovation Technology Limited 3D Structured Light Type Sensor Module Product and Services

Table 76. Luxvisions Innovation Technology Limited 3D Structured Light Type Sensor Module Production (M Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Luxvisions Innovation Technology Limited Recent Developments/Updates

Table 78. Luxvisions Innovation Technology Limited Competitive Strengths & Weaknesses

Table 79. Cloudwalk Group Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 80. Cloudwalk Group Co.,Ltd. Major Business

Table 81. Cloudwalk Group Co.,Ltd. 3D Structured Light Type Sensor Module Product and Services

Table 82. Cloudwalk Group Co.,Ltd. 3D Structured Light Type Sensor Module



Production (M Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Cloudwalk Group Co.,Ltd. Recent Developments/Updates

Table 84. Cloudwalk Group Co.,Ltd. Competitive Strengths & Weaknesses

Table 85. Orbbec Inc. Basic Information, Manufacturing Base and Competitors

Table 86. Orbbec Inc. Major Business

Table 87. Orbbec Inc. 3D Structured Light Type Sensor Module Product and Services

Table 88. Orbbec Inc. 3D Structured Light Type Sensor Module Production (M Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Orbbec Inc. Recent Developments/Updates

Table 90. Orbbec Inc. Competitive Strengths & Weaknesses

Table 91. Beijing Hjimi Technology Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 92. Beijing Hjimi Technology Co., Ltd Major Business

Table 93. Beijing Hjimi Technology Co., Ltd 3D Structured Light Type Sensor Module Product and Services

Table 94. Beijing Hjimi Technology Co., Ltd 3D Structured Light Type Sensor Module Production (M Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Beijing Hjimi Technology Co., Ltd Recent Developments/Updates

Table 96. Beijing Hjimi Technology Co., Ltd Competitive Strengths & Weaknesses

Table 97. Himax Technologies, Inc. Basic Information, Manufacturing Base and Competitors

Table 98. Himax Technologies, Inc. Major Business

Table 99. Himax Technologies, Inc. 3D Structured Light Type Sensor Module Product and Services

Table 100. Himax Technologies, Inc. 3D Structured Light Type Sensor Module Production (M Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Himax Technologies, Inc. Recent Developments/Updates

Table 102. Himax Technologies, Inc. Competitive Strengths & Weaknesses

Table 103. Samsung Basic Information, Manufacturing Base and Competitors

Table 104. Samsung Major Business

Table 105. Samsung 3D Structured Light Type Sensor Module Product and Services

Table 106. Samsung 3D Structured Light Type Sensor Module Production (M Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Samsung Recent Developments/Updates

Table 108. Samsung Competitive Strengths & Weaknesses

Table 109. Sunny Optical Technology (Group) Co. Ltd. Basic Information, Manufacturing Base and Competitors

Table 110. Sunny Optical Technology (Group) Co. Ltd. Major Business

Table 111. Sunny Optical Technology (Group) Co. Ltd. 3D Structured Light Type Sensor Module Product and Services

Table 112. Sunny Optical Technology (Group) Co. Ltd. 3D Structured Light Type Sensor Module Production (M Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Sunny Optical Technology (Group) Co. Ltd. Recent Developments/Updates

Table 114. Q Technology (Group) Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 115. Q Technology (Group) Co., Ltd. Major Business

Table 116. Q Technology (Group) Co., Ltd. 3D Structured Light Type Sensor Module Product and Services

Table 117. Q Technology (Group) Co., Ltd. 3D Structured Light Type Sensor Module Production (M Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 118. Global Key Players of 3D Structured Light Type Sensor Module Upstream (Raw Materials)

Table 119. 3D Structured Light Type Sensor Module Typical Customers

Table 120. 3D Structured Light Type Sensor Module Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. 3D Structured Light Type Sensor Module Picture

Figure 2. World 3D Structured Light Type Sensor Module Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World 3D Structured Light Type Sensor Module Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World 3D Structured Light Type Sensor Module Production (2018-2029) & (M Units)

Figure 5. World 3D Structured Light Type Sensor Module Average Price (2018-2029) & (US\$/Unit)

Figure 6. World 3D Structured Light Type Sensor Module Production Value Market Share by Region (2018-2029)

Figure 7. World 3D Structured Light Type Sensor Module Production Market Share by Region (2018-2029)

Figure 8. North America 3D Structured Light Type Sensor Module Production (2018-2029) & (M Units)

Figure 9. Europe 3D Structured Light Type Sensor Module Production (2018-2029) & (M Units)

Figure 10. China 3D Structured Light Type Sensor Module Production (2018-2029) & (M Units)

Figure 11. Japan 3D Structured Light Type Sensor Module Production (2018-2029) & (M Units)

Figure 12. South Korea 3D Structured Light Type Sensor Module Production (2018-2029) & (M Units)

Figure 13. 3D Structured Light Type Sensor Module Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World 3D Structured Light Type Sensor Module Consumption (2018-2029) & (M Units)

Figure 16. World 3D Structured Light Type Sensor Module Consumption Market Share by Region (2018-2029)

Figure 17. United States 3D Structured Light Type Sensor Module Consumption (2018-2029) & (M Units)

Figure 18. China 3D Structured Light Type Sensor Module Consumption (2018-2029) & (M Units)

Figure 19. Europe 3D Structured Light Type Sensor Module Consumption (2018-2029) & (M Units)

Figure 20. Japan 3D Structured Light Type Sensor Module Consumption (2018-2029) & (M Units)

Figure 21. South Korea 3D Structured Light Type Sensor Module Consumption (2018-2029) & (M Units)

Figure 22. ASEAN 3D Structured Light Type Sensor Module Consumption (2018-2029) & (M Units)

Figure 23. India 3D Structured Light Type Sensor Module Consumption (2018-2029) & (M Units)

Figure 24. Producer Shipments of 3D Structured Light Type Sensor Module by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for 3D Structured Light Type Sensor Module Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for 3D Structured Light Type Sensor Module Markets in 2022

Figure 27. United States VS China: 3D Structured Light Type Sensor Module Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: 3D Structured Light Type Sensor Module Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: 3D Structured Light Type Sensor Module Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers 3D Structured Light Type Sensor Module Production Market Share 2022

Figure 31. China Based Manufacturers 3D Structured Light Type Sensor Module Production Market Share 2022

Figure 32. Rest of World Based Manufacturers 3D Structured Light Type Sensor Module Production Market Share 2022

Figure 33. World 3D Structured Light Type Sensor Module Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World 3D Structured Light Type Sensor Module Production Value Market Share by Type in 2022

Figure 35. Speckle Structured Light

Figure 36. Coded Structured Light

Figure 37. World 3D Structured Light Type Sensor Module Production Market Share by Type (2018-2029)

Figure 38. World 3D Structured Light Type Sensor Module Production Value Market Share by Type (2018-2029)

Figure 39. World 3D Structured Light Type Sensor Module Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World 3D Structured Light Type Sensor Module Production Value by

Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World 3D Structured Light Type Sensor Module Production Value Market Share by Application in 2022

Figure 42. Consumer Electronics

Figure 43. Biometric Identification

Figure 44. Automotive Electronics

Figure 45. AIoT Industry

Figure 46. Other

Figure 47. World 3D Structured Light Type Sensor Module Production Market Share by Application (2018-2029)

Figure 48. World 3D Structured Light Type Sensor Module Production Value Market Share by Application (2018-2029)

Figure 49. World 3D Structured Light Type Sensor Module Average Price by Application (2018-2029) & (US\$/Unit)

Figure 50. 3D Structured Light Type Sensor Module Industry Chain

Figure 51. 3D Structured Light Type Sensor Module Procurement Model

Figure 52. 3D Structured Light Type Sensor Module Sales Model

Figure 53. 3D Structured Light Type Sensor Module Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

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