

# Global Biometric Chip Supply, Demand and Key Producers, 2023-2029

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# **Abstracts**

The global Biometric Chip market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Biometric sensors are semiconductors with embedded algorithms that are used in security systems or environments that require user authentication. They produce electrical signals from fingerprints or other physical characteristics in biometric access control systems. Biometric sensors consist of an array of tiny electrodes and an analog-to-digital converter (ADC) that digitizes information from the sensor array. In fingerprint access control systems, the user presses an index finger to a scanning device that includes a biometric sensor. The varying capacitive values across the sensor array are then converted into an image of the fingerprint. Other components of the biometric access control system then compare the image to a stored template.

This report studies the global Biometric Chip production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Biometric Chip, 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 Biometric Chip that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Biometric Chip total production and demand, 2018-2029, (K Units)



Global Biometric Chip total production value, 2018-2029, (USD Million)

Global Biometric Chip production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Biometric Chip consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Biometric Chip domestic production, consumption, key domestic manufacturers and share

Global Biometric Chip production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Biometric Chip production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Biometric Chip production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Biometric Chip 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 Access, Security & Parking Systems, Inc. (ASPS), AlpVision SA, BIO-key International, Inc., Centeye, Inc., EgisTech Inc., Midas Touch, Inc., Novasentis, Inc., Owlstone Inc. and Valencell, Inc., 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 Biometric Chip market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K 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 Biometric Chip Market, By Region:

**United States** 

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Biometric Chip Market, Segmentation by Type

**Fingerprint Recognition** 

Face Recognition

Others

Global Biometric Chip Market, Segmentation by Application

Computer and Network Security

**Building and Facility Access** 

Mobile Device Security

Identification



Others

**Companies Profiled:** 

Access, Security & Parking Systems, Inc. (ASPS)

AlpVision SA

BIO-key International, Inc.

Centeye, Inc.

EgisTech Inc.

Midas Touch, Inc.

Novasentis, Inc.

Owlstone Inc.

Valencell, Inc.

Zetes Industries

Key Questions Answered

1. How big is the global Biometric Chip market?

2. What is the demand of the global Biometric Chip market?

3. What is the year over year growth of the global Biometric Chip market?

4. What is the production and production value of the global Biometric Chip market?

5. Who are the key producers in the global Biometric Chip market?

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





# **Contents**

#### **1 SUPPLY SUMMARY**

- 1.1 Biometric Chip Introduction
- 1.2 World Biometric Chip Supply & Forecast
- 1.2.1 World Biometric Chip Production Value (2018 & 2022 & 2029)
- 1.2.2 World Biometric Chip Production (2018-2029)
- 1.2.3 World Biometric Chip Pricing Trends (2018-2029)
- 1.3 World Biometric Chip Production by Region (Based on Production Site)
- 1.3.1 World Biometric Chip Production Value by Region (2018-2029)
- 1.3.2 World Biometric Chip Production by Region (2018-2029)
- 1.3.3 World Biometric Chip Average Price by Region (2018-2029)
- 1.3.4 North America Biometric Chip Production (2018-2029)
- 1.3.5 Europe Biometric Chip Production (2018-2029)
- 1.3.6 China Biometric Chip Production (2018-2029)
- 1.3.7 Japan Biometric Chip Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Biometric Chip Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Biometric Chip 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 Biometric Chip Demand (2018-2029)
- 2.2 World Biometric Chip Consumption by Region
- 2.2.1 World Biometric Chip Consumption by Region (2018-2023)
- 2.2.2 World Biometric Chip Consumption Forecast by Region (2024-2029)
- 2.3 United States Biometric Chip Consumption (2018-2029)
- 2.4 China Biometric Chip Consumption (2018-2029)
- 2.5 Europe Biometric Chip Consumption (2018-2029)
- 2.6 Japan Biometric Chip Consumption (2018-2029)
- 2.7 South Korea Biometric Chip Consumption (2018-2029)
- 2.8 ASEAN Biometric Chip Consumption (2018-2029)
- 2.9 India Biometric Chip Consumption (2018-2029)



## **3 WORLD BIOMETRIC CHIP MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World Biometric Chip Production Value by Manufacturer (2018-2023)
- 3.2 World Biometric Chip Production by Manufacturer (2018-2023)
- 3.3 World Biometric Chip Average Price by Manufacturer (2018-2023)
- 3.4 Biometric Chip Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
- 3.5.1 Global Biometric Chip Industry Rank of Major Manufacturers
- 3.5.2 Global Concentration Ratios (CR4) for Biometric Chip in 2022
- 3.5.3 Global Concentration Ratios (CR8) for Biometric Chip in 2022
- 3.6 Biometric Chip Market: Overall Company Footprint Analysis
- 3.6.1 Biometric Chip Market: Region Footprint
- 3.6.2 Biometric Chip Market: Company Product Type Footprint
- 3.6.3 Biometric Chip 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: Biometric Chip Production Value Comparison

4.1.1 United States VS China: Biometric Chip Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Biometric Chip Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Biometric Chip Production Comparison

4.2.1 United States VS China: Biometric Chip Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Biometric Chip Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Biometric Chip Consumption Comparison

4.3.1 United States VS China: Biometric Chip Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Biometric Chip Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Biometric Chip Manufacturers and Market Share, 2018-2023



4.4.1 United States Based Biometric Chip Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Biometric Chip Production Value (2018-2023)

4.4.3 United States Based Manufacturers Biometric Chip Production (2018-2023)

4.5 China Based Biometric Chip Manufacturers and Market Share

4.5.1 China Based Biometric Chip Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Biometric Chip Production Value (2018-2023)

4.5.3 China Based Manufacturers Biometric Chip Production (2018-2023)

4.6 Rest of World Based Biometric Chip Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Biometric Chip Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Biometric Chip Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Biometric Chip Production (2018-2023)

# **5 MARKET ANALYSIS BY TYPE**

5.1 World Biometric Chip Market Size Overview by Type: 2018 VS 2022 VS 2029

- 5.2 Segment Introduction by Type
  - 5.2.1 Fingerprint Recognition
  - 5.2.2 Face Recognition
- 5.2.3 Others

5.3 Market Segment by Type

5.3.1 World Biometric Chip Production by Type (2018-2029)

5.3.2 World Biometric Chip Production Value by Type (2018-2029)

5.3.3 World Biometric Chip Average Price by Type (2018-2029)

# 6 MARKET ANALYSIS BY APPLICATION

6.1 World Biometric Chip Market Size Overview by Application: 2018 VS 2022 VS 2029

- 6.2 Segment Introduction by Application
- 6.2.1 Computer and Network Security
- 6.2.2 Building and Facility Access
- 6.2.3 Mobile Device Security
- 6.2.4 Identification
- 6.2.5 Others
- 6.3 Market Segment by Application



6.3.1 World Biometric Chip Production by Application (2018-2029)

6.3.2 World Biometric Chip Production Value by Application (2018-2029)

6.3.3 World Biometric Chip Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

7.1 Access, Security & Parking Systems, Inc. (ASPS)

7.1.1 Access, Security & Parking Systems, Inc. (ASPS) Details

7.1.2 Access, Security & Parking Systems, Inc. (ASPS) Major Business

7.1.3 Access, Security & Parking Systems, Inc. (ASPS) Biometric Chip Product and Services

7.1.4 Access, Security & Parking Systems, Inc. (ASPS) Biometric Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Access, Security & Parking Systems, Inc. (ASPS) Recent Developments/Updates

7.1.6 Access, Security & Parking Systems, Inc. (ASPS) Competitive Strengths & Weaknesses

7.2 AlpVision SA

7.2.1 AlpVision SA Details

7.2.2 AlpVision SA Major Business

7.2.3 AlpVision SA Biometric Chip Product and Services

7.2.4 AlpVision SA Biometric Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 AlpVision SA Recent Developments/Updates

7.2.6 AlpVision SA Competitive Strengths & Weaknesses

7.3 BIO-key International, Inc.

7.3.1 BIO-key International, Inc. Details

7.3.2 BIO-key International, Inc. Major Business

7.3.3 BIO-key International, Inc. Biometric Chip Product and Services

7.3.4 BIO-key International, Inc. Biometric Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 BIO-key International, Inc. Recent Developments/Updates

7.3.6 BIO-key International, Inc. Competitive Strengths & Weaknesses

7.4 Centeye, Inc.

7.4.1 Centeye, Inc. Details

7.4.2 Centeye, Inc. Major Business

7.4.3 Centeye, Inc. Biometric Chip Product and Services

7.4.4 Centeye, Inc. Biometric Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)



7.4.5 Centeye, Inc. Recent Developments/Updates

7.4.6 Centeye, Inc. Competitive Strengths & Weaknesses

7.5 EgisTech Inc.

7.5.1 EgisTech Inc. Details

7.5.2 EgisTech Inc. Major Business

7.5.3 EgisTech Inc. Biometric Chip Product and Services

7.5.4 EgisTech Inc. Biometric Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 EgisTech Inc. Recent Developments/Updates

7.5.6 EgisTech Inc. Competitive Strengths & Weaknesses

7.6 Midas Touch, Inc.

7.6.1 Midas Touch, Inc. Details

7.6.2 Midas Touch, Inc. Major Business

7.6.3 Midas Touch, Inc. Biometric Chip Product and Services

7.6.4 Midas Touch, Inc. Biometric Chip Production, Price, Value, Gross Margin and

Market Share (2018-2023)

7.6.5 Midas Touch, Inc. Recent Developments/Updates

7.6.6 Midas Touch, Inc. Competitive Strengths & Weaknesses

7.7 Novasentis, Inc.

- 7.7.1 Novasentis, Inc. Details
- 7.7.2 Novasentis, Inc. Major Business
- 7.7.3 Novasentis, Inc. Biometric Chip Product and Services

7.7.4 Novasentis, Inc. Biometric Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Novasentis, Inc. Recent Developments/Updates

7.7.6 Novasentis, Inc. Competitive Strengths & Weaknesses

7.8 Owlstone Inc.

7.8.1 Owlstone Inc. Details

7.8.2 Owlstone Inc. Major Business

7.8.3 Owlstone Inc. Biometric Chip Product and Services

7.8.4 Owlstone Inc. Biometric Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Owlstone Inc. Recent Developments/Updates

7.8.6 Owlstone Inc. Competitive Strengths & Weaknesses

7.9 Valencell, Inc.

7.9.1 Valencell, Inc. Details

7.9.2 Valencell, Inc. Major Business

7.9.3 Valencell, Inc. Biometric Chip Product and Services

7.9.4 Valencell, Inc. Biometric Chip Production, Price, Value, Gross Margin and Market



Share (2018-2023)

7.9.5 Valencell, Inc. Recent Developments/Updates

7.9.6 Valencell, Inc. Competitive Strengths & Weaknesses

7.10 Zetes Industries

7.10.1 Zetes Industries Details

7.10.2 Zetes Industries Major Business

7.10.3 Zetes Industries Biometric Chip Product and Services

7.10.4 Zetes Industries Biometric Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 Zetes Industries Recent Developments/Updates

7.10.6 Zetes Industries Competitive Strengths & Weaknesses

# **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Biometric Chip Industry Chain
- 8.2 Biometric Chip Upstream Analysis
- 8.2.1 Biometric Chip Core Raw Materials
- 8.2.2 Main Manufacturers of Biometric Chip Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Biometric Chip Production Mode
- 8.6 Biometric Chip Procurement Model
- 8.7 Biometric Chip Industry Sales Model and Sales Channels
- 8.7.1 Biometric Chip Sales Model
- 8.7.2 Biometric Chip 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 Biometric Chip Production Value by Region (2018, 2022 and 2029) & (USD Million) Table 2. World Biometric Chip Production Value by Region (2018-2023) & (USD Million) Table 3. World Biometric Chip Production Value by Region (2024-2029) & (USD Million) Table 4. World Biometric Chip Production Value Market Share by Region (2018-2023) Table 5. World Biometric Chip Production Value Market Share by Region (2024-2029) Table 6. World Biometric Chip Production by Region (2018-2023) & (K Units) Table 7. World Biometric Chip Production by Region (2024-2029) & (K Units) Table 8. World Biometric Chip Production Market Share by Region (2018-2023) Table 9. World Biometric Chip Production Market Share by Region (2024-2029) Table 10. World Biometric Chip Average Price by Region (2018-2023) & (US\$/Unit) Table 11. World Biometric Chip Average Price by Region (2024-2029) & (US\$/Unit) Table 12. Biometric Chip Major Market Trends Table 13. World Biometric Chip Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units) Table 14. World Biometric Chip Consumption by Region (2018-2023) & (K Units) Table 15. World Biometric Chip Consumption Forecast by Region (2024-2029) & (K Units) Table 16. World Biometric Chip Production Value by Manufacturer (2018-2023) & (USD Million) Table 17. Production Value Market Share of Key Biometric Chip Producers in 2022 Table 18. World Biometric Chip Production by Manufacturer (2018-2023) & (K Units) Table 19. Production Market Share of Key Biometric Chip Producers in 2022 Table 20. World Biometric Chip Average Price by Manufacturer (2018-2023) & (US\$/Unit) Table 21. Global Biometric Chip Company Evaluation Quadrant Table 22. World Biometric Chip Industry Rank of Major Manufacturers, Based on Production Value in 2022 Table 23. Head Office and Biometric Chip Production Site of Key Manufacturer Table 24. Biometric Chip Market: Company Product Type Footprint Table 25. Biometric Chip Market: Company Product Application Footprint Table 26. Biometric Chip Competitive Factors Table 27. Biometric Chip New Entrant and Capacity Expansion Plans Table 28. Biometric Chip Mergers & Acquisitions Activity Table 29. United States VS China Biometric Chip Production Value Comparison, (2018 Global Biometric Chip Supply, Demand and Key Producers, 2023-2029



& 2022 & 2029) & (USD Million)

Table 30. United States VS China Biometric Chip Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Biometric Chip Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Biometric Chip Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Biometric Chip Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Biometric Chip Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Biometric Chip Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Biometric Chip Production Market Share (2018-2023)

Table 37. China Based Biometric Chip Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Biometric Chip Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Biometric Chip Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Biometric Chip Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Biometric Chip Production Market Share (2018-2023)

Table 42. Rest of World Based Biometric Chip Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Biometric Chip Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Biometric Chip Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Biometric Chip Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Biometric Chip Production Market Share (2018-2023)

Table 47. World Biometric Chip Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Biometric Chip Production by Type (2018-2023) & (K Units) Table 49. World Biometric Chip Production by Type (2024-2029) & (K Units)



Table 50. World Biometric Chip Production Value by Type (2018-2023) & (USD Million) Table 51. World Biometric Chip Production Value by Type (2024-2029) & (USD Million) Table 52. World Biometric Chip Average Price by Type (2018-2023) & (US\$/Unit) Table 53. World Biometric Chip Average Price by Type (2024-2029) & (US\$/Unit) Table 54. World Biometric Chip Production Value by Application, (USD Million), 2018 & 2022 & 2029 Table 55. World Biometric Chip Production by Application (2018-2023) & (K Units) Table 56. World Biometric Chip Production by Application (2024-2029) & (K Units) Table 57. World Biometric Chip Production Value by Application (2018-2023) & (USD Million) Table 58. World Biometric Chip Production Value by Application (2024-2029) & (USD Million) Table 59. World Biometric Chip Average Price by Application (2018-2023) & (US\$/Unit) Table 60. World Biometric Chip Average Price by Application (2024-2029) & (US\$/Unit) Table 61. Access, Security & Parking Systems, Inc. (ASPS) Basic Information, Manufacturing Base and Competitors Table 62. Access, Security & Parking Systems, Inc. (ASPS) Major Business Table 63. Access, Security & Parking Systems, Inc. (ASPS) Biometric Chip Product and Services Table 64. Access, Security & Parking Systems, Inc. (ASPS) Biometric Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023) Table 65. Access, Security & Parking Systems, Inc. (ASPS) Recent Developments/Updates Table 66. Access, Security & Parking Systems, Inc. (ASPS) Competitive Strengths & Weaknesses Table 67. AlpVision SA Basic Information, Manufacturing Base and Competitors Table 68. AlpVision SA Major Business Table 69. AlpVision SA Biometric Chip Product and Services Table 70. AlpVision SA Biometric Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023) Table 71. AlpVision SA Recent Developments/Updates Table 72. AlpVision SA Competitive Strengths & Weaknesses Table 73. BIO-key International, Inc. Basic Information, Manufacturing Base and Competitors Table 74. BIO-key International, Inc. Major Business Table 75. BIO-key International, Inc. Biometric Chip Product and Services Table 76. BIO-key International, Inc. Biometric Chip Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share



#### (2018-2023)

Table 77. BIO-key International, Inc. Recent Developments/Updates Table 78. BIO-key International, Inc. Competitive Strengths & Weaknesses Table 79. Centeye, Inc. Basic Information, Manufacturing Base and Competitors Table 80. Centeye, Inc. Major Business Table 81. Centeye, Inc. Biometric Chip Product and Services Table 82. Centeye, Inc. Biometric Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023) Table 83. Centeye, Inc. Recent Developments/Updates Table 84. Centeye, Inc. Competitive Strengths & Weaknesses Table 85. EgisTech Inc. Basic Information, Manufacturing Base and Competitors Table 86. EgisTech Inc. Major Business Table 87. EgisTech Inc. Biometric Chip Product and Services Table 88. EgisTech Inc. Biometric Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023) Table 89. EgisTech Inc. Recent Developments/Updates Table 90. EgisTech Inc. Competitive Strengths & Weaknesses Table 91. Midas Touch, Inc. Basic Information, Manufacturing Base and Competitors Table 92. Midas Touch, Inc. Major Business Table 93. Midas Touch, Inc. Biometric Chip Product and Services Table 94. Midas Touch, Inc. Biometric Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023) Table 95. Midas Touch, Inc. Recent Developments/Updates Table 96. Midas Touch, Inc. Competitive Strengths & Weaknesses Table 97. Novasentis, Inc. Basic Information, Manufacturing Base and Competitors Table 98. Novasentis, Inc. Major Business Table 99. Novasentis, Inc. Biometric Chip Product and Services Table 100. Novasentis, Inc. Biometric Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023) Table 101. Novasentis, Inc. Recent Developments/Updates Table 102. Novasentis, Inc. Competitive Strengths & Weaknesses Table 103. Owlstone Inc. Basic Information, Manufacturing Base and Competitors Table 104. Owlstone Inc. Major Business Table 105. Owlstone Inc. Biometric Chip Product and Services Table 106. Owlstone Inc. Biometric Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023) Table 107. Owlstone Inc. Recent Developments/Updates Table 108. Owlstone Inc. Competitive Strengths & Weaknesses Table 109. Valencell, Inc. Basic Information, Manufacturing Base and Competitors



Table 110. Valencell, Inc. Major Business

Table 111. Valencell, Inc. Biometric Chip Product and Services

Table 112. Valencell, Inc. Biometric Chip Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Valencell, Inc. Recent Developments/Updates

Table 114. Zetes Industries Basic Information, Manufacturing Base and Competitors

Table 115. Zetes Industries Major Business

Table 116. Zetes Industries Biometric Chip Product and Services

Table 117. Zetes Industries Biometric Chip Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 118. Global Key Players of Biometric Chip Upstream (Raw Materials)

Table 119. Biometric Chip Typical Customers

Table 120. Biometric Chip Typical Distributors





# **List Of Figures**

#### LIST OF FIGURES

Figure 1. Biometric Chip Picture

Figure 2. World Biometric Chip Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Biometric Chip Production Value and Forecast (2018-2029) & (USD Million)

- Figure 4. World Biometric Chip Production (2018-2029) & (K Units)
- Figure 5. World Biometric Chip Average Price (2018-2029) & (US\$/Unit)
- Figure 6. World Biometric Chip Production Value Market Share by Region (2018-2029)
- Figure 7. World Biometric Chip Production Market Share by Region (2018-2029)

Figure 8. North America Biometric Chip Production (2018-2029) & (K Units)

Figure 9. Europe Biometric Chip Production (2018-2029) & (K Units)

Figure 10. China Biometric Chip Production (2018-2029) & (K Units)

Figure 11. Japan Biometric Chip Production (2018-2029) & (K Units)

- Figure 12. Biometric Chip Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World Biometric Chip Consumption (2018-2029) & (K Units)
- Figure 15. World Biometric Chip Consumption Market Share by Region (2018-2029)
- Figure 16. United States Biometric Chip Consumption (2018-2029) & (K Units)
- Figure 17. China Biometric Chip Consumption (2018-2029) & (K Units)
- Figure 18. Europe Biometric Chip Consumption (2018-2029) & (K Units)
- Figure 19. Japan Biometric Chip Consumption (2018-2029) & (K Units)
- Figure 20. South Korea Biometric Chip Consumption (2018-2029) & (K Units)
- Figure 21. ASEAN Biometric Chip Consumption (2018-2029) & (K Units)

Figure 22. India Biometric Chip Consumption (2018-2029) & (K Units)

Figure 23. Producer Shipments of Biometric Chip by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Biometric Chip Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Biometric Chip Markets in 2022

Figure 26. United States VS China: Biometric Chip Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Biometric Chip Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Biometric Chip Consumption Market Share Comparison (2018 & 2022 & 2029)



Figure 29. United States Based Manufacturers Biometric Chip Production Market Share 2022

Figure 30. China Based Manufacturers Biometric Chip Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Biometric Chip Production Market Share 2022

Figure 32. World Biometric Chip Production Value by Type, (USD Million), 2018 & 2022 & 2029

- Figure 33. World Biometric Chip Production Value Market Share by Type in 2022
- Figure 34. Fingerprint Recognition
- Figure 35. Face Recognition
- Figure 36. Others
- Figure 37. World Biometric Chip Production Market Share by Type (2018-2029)
- Figure 38. World Biometric Chip Production Value Market Share by Type (2018-2029)
- Figure 39. World Biometric Chip Average Price by Type (2018-2029) & (US\$/Unit)
- Figure 40. World Biometric Chip Production Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 41. World Biometric Chip Production Value Market Share by Application in 2022
- Figure 42. Computer and Network Security
- Figure 43. Building and Facility Access
- Figure 44. Mobile Device Security
- Figure 45. Identification
- Figure 46. Others
- Figure 47. World Biometric Chip Production Market Share by Application (2018-2029)
- Figure 48. World Biometric Chip Production Value Market Share by Application (2018-2029)
- Figure 49. World Biometric Chip Average Price by Application (2018-2029) & (US\$/Unit)
- Figure 50. Biometric Chip Industry Chain
- Figure 51. Biometric Chip Procurement Model
- Figure 52. Biometric Chip Sales Model
- Figure 53. Biometric Chip Sales Channels, Direct Sales, and Distribution
- Figure 54. Methodology
- Figure 55. Research Process and Data Source



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