+357 96 030922
info@marketpublishers.com

Global Vision-based Tactile Sensor Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/GFB5BDC9A991EN.html
Date: August 2026
Pages: 84
Price: US$ 4,480.00 (Single User License)
ID: GFB5BDC9A991EN

Abstracts

The global Vision-based Tactile Sensor market size is expected to reach $ 194 million by 2032, rising at a market growth of 19.5% CAGR during the forecast period (2026-2032).

Vision-based Tactile Sensor is a sensing method that integrates optical imaging with tactile perception. Its core principle is to capture the microscopic deformation of elastic materials when they contact objects and convert it into high-resolution tactile information. The principle of the vision-based tactile sensor is to use a camera to capture the subtle deformation of the elastic material when it contacts the object, and then convert these changes into a high-definition ?tactile photo?, observing the deformation of the soft layer through the camera to ?feel? the force, texture and sliding. Unlike traditional pressure sensors, tactile sensors can simultaneously ?feel? the hardness, texture, and even sliding tendency of objects. This high-fidelity tactile information can help robots more accurately ?understand? the characteristics of objects and perform fine operations like humans. Vision-based tactile sensors use optical principles to perceive multi-dimensional information without electrical interference, but real-time feedback and flexible response are limited, susceptible to temperature effects and have a large volume. In 2025, global Vision-based Tactile Sensor production reached approximately 154 k units with an average global market price of around US$350 per unit. Single-line annual production capacity averages 6k units with a gross margin of approximately 30-35%.

From the perspective of enterprise revenue and profit, the future trajectory of the Vision-based Tactile Sensor industry is shifting from laboratory prototypes to mass-producible, low-cost industrial products. In its 2023 official press release, GelSight announced that it has achieved automated film packaging for Vision-based Tactile Sensors, directly

+357 96 030922
info@marketpublishers.com

changing the previous dilemma of high costs due to reliance on manual assembly. This means that supply chain bottlenecks are being broken, and production ramp-up will determine which company can first gain a profit advantage. Meta, in its publicly disclosed progress on the Digit tactile sensor in 2024, pointed out that the core competitiveness of vision-based tactile solutions has shifted from resolution to durability and data throughput. This forces sensor companies to invest in R&D for material wear resistance and high-speed image processing, or face the risk of losing orders. The Catalogue for Innovative Development of Industrial Foundation issued by the Chinese government has included high-resolution flexible tactile sensors in the list of key basic components. This policy signal means that if domestic vision-based tactile companies can achieve industrial-grade mass production yield rates, they will have the opportunity to enter the state-funded procurement system for core robot components, thereby securing sustained and stable shipment volumes rather than relying solely on venture capital and laboratory orders. Sony disclosed in its 2023 corporate annual report that it has deployed its stacked CMOS image sensor technology down to robot tactile perception modules. This indicates that leading semiconductor companies are redefining the Vision-based Tactile Sensor from an independent sensor into a miniature optical system integrated into fingertips or palms. This modularization trend will squeeze the profit margins of pure-algorithm startups, as they can no longer maintain pricing solely through software differentiation but must partner with manufacturers possessing wafer-level fabrication capabilities. In summary, the major industry trends are that the cost structure is shifting from manual assembly to wafer-level packaging, the core of the supply chain is shifting from algorithm teams to flexible optical materials and chip design capabilities, and the profit source is shifting from customized scientific research projects to scaled industrial supply.

This report studies the global Vision-based Tactile Sensor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Vision-based Tactile Sensor and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Vision-based Tactile Sensor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Vision-based Tactile Sensor total production and demand, 2021-2032, (K Units)
Global Vision-based Tactile Sensor total production value, 2021-2032, (USD Million)

+357 96 030922
info@marketpublishers.com

Global Vision-based Tactile Sensor production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)
Global Vision-based Tactile Sensor consumption by region & country, CAGR, 2021-2032 & (K Units)
U.S. VS China: Vision-based Tactile Sensor domestic production, consumption, key domestic manufacturers and share
Global Vision-based Tactile Sensor production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)
Global Vision-based Tactile Sensor production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)
Global Vision-based Tactile Sensor production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Vision-based Tactile Sensor 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 GelSight, Daimon (Shenzhen) Robotics Technology, Shanghai Vitai Robotics, Shenzhen Orisys, Shenzhen Ecomo Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Vision-based Tactile Sensor 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 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Vision-based Tactile Sensor Market, By Region:

United States

China

+357 96 030922
info@marketpublishers.com

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Vision-based Tactile Sensor Market, Segmentation by Type:

Consumer-grade

Industrial-grade

Global Vision-based Tactile Sensor Market, Segmentation by Technical Route:

Based on Monochromatic Light

Based on Trichromatic Light

Global Vision-based Tactile Sensor Market, Segmentation by Contact Module:

Simple Marker Based (SMB)

Morphological Marker-Based (MMB)

Global Vision-based Tactile Sensor Market, Segmentation by Application:

Industrial Automation

+357 96 030922
info@marketpublishers.com

Medical

Embodied AI

Consumer Electronics

Others

Companies Profiled:

GelSight

Daimon (Shenzhen) Robotics Technology

Shanghai Vitai Robotics

Shenzhen Orisys

Shenzhen Ecomo Technology

Key Questions Answered:
1. How big is the global Vision-based Tactile Sensor market?
2. What is the demand of the global Vision-based Tactile Sensor market?
3. What is the year over year growth of the global Vision-based Tactile Sensor market?
4. What is the production and production value of the global Vision-based Tactile Sensor market?
5. Who are the key producers in the global Vision-based Tactile Sensor market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

1 SUPPLY SUMMARY

1.1 Vision-based Tactile Sensor Introduction
1.2 World Vision-based Tactile Sensor Supply & Forecast
  1.2.1 World Vision-based Tactile Sensor Production Value (2021 & 2025 & 2032)
  1.2.2 World Vision-based Tactile Sensor Production (2021-2032)
  1.2.3 World Vision-based Tactile Sensor Pricing Trends (2021-2032)
1.3 World Vision-based Tactile Sensor Production by Region (Based on Production Site)
  1.3.1 World Vision-based Tactile Sensor Production Value by Region (2021-2032)
  1.3.2 World Vision-based Tactile Sensor Production by Region (2021-2032)
  1.3.3 World Vision-based Tactile Sensor Average Price by Region (2021-2032)
  1.3.4 North America Vision-based Tactile Sensor Production (2021-2032)
  1.3.5 Europe Vision-based Tactile Sensor Production (2021-2032)
  1.3.6 China Vision-based Tactile Sensor Production (2021-2032)
  1.3.7 Japan Vision-based Tactile Sensor Production (2021-2032)
1.4 Market Drivers, Restraints and Trends
  1.4.1 Vision-based Tactile Sensor Market Drivers
  1.4.2 Factors Affecting Demand
  1.4.3 Vision-based Tactile Sensor Major Market Trends

2 DEMAND SUMMARY

2.1 World Vision-based Tactile Sensor Demand (2021-2032)
2.2 World Vision-based Tactile Sensor Consumption by Region
  2.2.1 World Vision-based Tactile Sensor Consumption by Region (2021-2026)
  2.2.2 World Vision-based Tactile Sensor Consumption Forecast by Region (2027-2032)
2.3 United States Vision-based Tactile Sensor Consumption (2021-2032)
2.4 China Vision-based Tactile Sensor Consumption (2021-2032)
2.5 Europe Vision-based Tactile Sensor Consumption (2021-2032)
2.6 Japan Vision-based Tactile Sensor Consumption (2021-2032)
2.7 South Korea Vision-based Tactile Sensor Consumption (2021-2032)
2.8 ASEAN Vision-based Tactile Sensor Consumption (2021-2032)
2.9 India Vision-based Tactile Sensor Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

+357 96 030922
info@marketpublishers.com

3.1 World Vision-based Tactile Sensor Production Value by Manufacturer (2021-2026)
3.2 World Vision-based Tactile Sensor Production by Manufacturer (2021-2026)
3.3 World Vision-based Tactile Sensor Average Price by Manufacturer (2021-2026)
3.4 Vision-based Tactile Sensor Company Evaluation Quadrant
3.5 Industry Rank and Concentration Rate (CR)
  3.5.1 Global Vision-based Tactile Sensor Industry Rank of Major Manufacturers
  3.5.2 Global Concentration Ratios (CR4) for Vision-based Tactile Sensor in 2025
  3.5.3 Global Concentration Ratios (CR8) for Vision-based Tactile Sensor in 2025
3.6 Vision-based Tactile Sensor Market: Overall Company Footprint Analysis
  3.6.1 Vision-based Tactile Sensor Market: Region Footprint
  3.6.2 Vision-based Tactile Sensor Market: Company Product Type Footprint
  3.6.3 Vision-based Tactile Sensor 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: Vision-based Tactile Sensor Production Value Comparison
  4.1.1 United States VS China: Vision-based Tactile Sensor Production Value Comparison (2021 & 2025 & 2032)
  4.1.2 United States VS China: Vision-based Tactile Sensor Production Value Market Share Comparison (2021 & 2025 & 2032)
4.2 United States VS China: Vision-based Tactile Sensor Production Comparison
  4.2.1 United States VS China: Vision-based Tactile Sensor Production Comparison (2021 & 2025 & 2032)
  4.2.2 United States VS China: Vision-based Tactile Sensor Production Market Share Comparison (2021 & 2025 & 2032)
4.3 United States VS China: Vision-based Tactile Sensor Consumption Comparison
  4.3.1 United States VS China: Vision-based Tactile Sensor Consumption Comparison (2021 & 2025 & 2032)
  4.3.2 United States VS China: Vision-based Tactile Sensor Consumption Market Share Comparison (2021 & 2025 & 2032)
4.4 United States Based Vision-based Tactile Sensor Manufacturers and Market Share, 2021-2026

+357 96 030922
info@marketpublishers.com

4.4.1 United States Based Vision-based Tactile Sensor Manufacturers, Headquarters and Production Site (States, Country)
4.4.2 United States Based Manufacturers Vision-based Tactile Sensor Production Value (2021-2026)
4.4.3 United States Based Manufacturers Vision-based Tactile Sensor Production (2021-2026)
4.5 China Based Vision-based Tactile Sensor Manufacturers and Market Share
4.5.1 China Based Vision-based Tactile Sensor Manufacturers, Headquarters and Production Site (Province, Country)
4.5.2 China Based Manufacturers Vision-based Tactile Sensor Production Value (2021-2026)
4.5.3 China Based Manufacturers Vision-based Tactile Sensor Production (2021-2026)
4.6 Rest of World Based Vision-based Tactile Sensor Manufacturers and Market Share, 2021-2026
4.6.1 Rest of World Based Vision-based Tactile Sensor Manufacturers, Headquarters and Production Site (State, Country)
4.6.2 Rest of World Based Manufacturers Vision-based Tactile Sensor Production Value (2021-2026)
4.6.3 Rest of World Based Manufacturers Vision-based Tactile Sensor Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Vision-based Tactile Sensor Market Size Overview by Type: 2021 VS 2025 VS 2032
5.2 Segment Introduction by Type
5.2.1 Consumer-grade
5.2.2 Industrial-grade
5.3 Market Segment by Type
5.3.1 World Vision-based Tactile Sensor Production by Type (2021-2032)
5.3.2 World Vision-based Tactile Sensor Production Value by Type (2021-2032)
5.3.3 World Vision-based Tactile Sensor Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY TECHNICAL ROUTE

6.1 World Vision-based Tactile Sensor Market Size Overview by Technical Route: 2021 VS 2025 VS 2032
6.2 Segment Introduction by Technical Route
6.2.1 Based on Monochromatic Light

+357 96 030922
info@marketpublishers.com

6.2.2 Based on Trichromatic Light
6.3 Market Segment by Technical Route
6.3.1 World Vision-based Tactile Sensor Production by Technical Route (2021-2032)
6.3.2 World Vision-based Tactile Sensor Production Value by Technical Route (2021-2032)
6.3.3 World Vision-based Tactile Sensor Average Price by Technical Route (2021-2032)

7 MARKET ANALYSIS BY CONTACT MODULE

7.1 World Vision-based Tactile Sensor Market Size Overview by Contact Module: 2021 VS 2025 VS 2032
7.2 Segment Introduction by Contact Module
7.2.1 Simple Marker Based (SMB)
7.2.2 Morphological Marker-Based (MMB)
7.3 Market Segment by Contact Module
7.3.1 World Vision-based Tactile Sensor Production by Contact Module (2021-2032)
7.3.2 World Vision-based Tactile Sensor Production Value by Contact Module (2021-2032)
7.3.3 World Vision-based Tactile Sensor Average Price by Contact Module (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Vision-based Tactile Sensor Market Size Overview by Application: 2021 VS 2025 VS 2032
8.2 Segment Introduction by Application
8.2.1 Industrial Automation
8.2.2 Medical
8.2.3 Embodied AI
8.2.4 Consumer Electronics
8.2.5 Others
8.3 Market Segment by Application
8.3.1 World Vision-based Tactile Sensor Production by Application (2021-2032)
8.3.2 World Vision-based Tactile Sensor Production Value by Application (2021-2032)
8.3.3 World Vision-based Tactile Sensor Average Price by Application (2021-2032)

9 COMPANY PROFILES

+357 96 030922
info@marketpublishers.com

9.1 GelSight
9.1.1 GelSight Details
9.1.2 GelSight Major Business
9.1.3 GelSight Vision-based Tactile Sensor Product and Services
9.1.4 GelSight Vision-based Tactile Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.1.5 GelSight Recent Developments/Updates
9.1.6 GelSight Competitive Strengths & Weaknesses
9.2 Daimon (Shenzhen) Robotics Technology
9.2.1 Daimon (Shenzhen) Robotics Technology Details
9.2.2 Daimon (Shenzhen) Robotics Technology Major Business
9.2.3 Daimon (Shenzhen) Robotics Technology Vision-based Tactile Sensor Product and Services
9.2.4 Daimon (Shenzhen) Robotics Technology Vision-based Tactile Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.2.5 Daimon (Shenzhen) Robotics Technology Recent Developments/Updates
9.2.6 Daimon (Shenzhen) Robotics Technology Competitive Strengths & Weaknesses
9.3 Shanghai Vitai Robotics
9.3.1 Shanghai Vitai Robotics Details
9.3.2 Shanghai Vitai Robotics Major Business
9.3.3 Shanghai Vitai Robotics Vision-based Tactile Sensor Product and Services
9.3.4 Shanghai Vitai Robotics Vision-based Tactile Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.3.5 Shanghai Vitai Robotics Recent Developments/Updates
9.3.6 Shanghai Vitai Robotics Competitive Strengths & Weaknesses
9.4 Shenzhen Orisys
9.4.1 Shenzhen Orisys Details
9.4.2 Shenzhen Orisys Major Business
9.4.3 Shenzhen Orisys Vision-based Tactile Sensor Product and Services
9.4.4 Shenzhen Orisys Vision-based Tactile Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.4.5 Shenzhen Orisys Recent Developments/Updates
9.4.6 Shenzhen Orisys Competitive Strengths & Weaknesses
9.5 Shenzhen Ecomo Technology
9.5.1 Shenzhen Ecomo Technology Details
9.5.2 Shenzhen Ecomo Technology Major Business
9.5.3 Shenzhen Ecomo Technology Vision-based Tactile Sensor Product and Services
9.5.4 Shenzhen Ecomo Technology Vision-based Tactile Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

+357 96 030922
info@marketpublishers.com

9.5.5 Shenzhen Ecomo Technology Recent Developments/Updates
9.5.6 Shenzhen Ecomo Technology Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Vision-based Tactile Sensor Industry Chain
10.2 Vision-based Tactile Sensor Upstream Analysis
10.2.1 Vision-based Tactile Sensor Core Raw Materials
10.2.2 Main Manufacturers of Vision-based Tactile Sensor Core Raw Materials
10.3 Midstream Analysis
10.4 Downstream Analysis
10.5 Vision-based Tactile Sensor Production Mode
10.6 Vision-based Tactile Sensor Procurement Model
10.7 Vision-based Tactile Sensor Industry Sales Model and Sales Channels
10.7.1 Vision-based Tactile Sensor Sales Model
10.7.2 Vision-based Tactile Sensor Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology
12.2 Research Process and Data Source
12.3 Disclaimer

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. World Vision-based Tactile Sensor Production Value by Region (2021, 2025 and 2032) & (USD Million)
Table 2. World Vision-based Tactile Sensor Production Value by Region (2021-2026) & (USD Million)
Table 3. World Vision-based Tactile Sensor Production Value by Region (2027-2032) & (USD Million)
Table 4. World Vision-based Tactile Sensor Production Value Market Share by Region (2021-2026)
Table 5. World Vision-based Tactile Sensor Production Value Market Share by Region (2027-2032)
Table 6. World Vision-based Tactile Sensor Production by Region (2021-2026) & (K Units)
Table 7. World Vision-based Tactile Sensor Production by Region (2027-2032) & (K Units)
Table 8. World Vision-based Tactile Sensor Production Market Share by Region (2021-2026)
Table 9. World Vision-based Tactile Sensor Production Market Share by Region (2027-2032)
Table 10. World Vision-based Tactile Sensor Average Price by Region (2021-2026) & (US$/Unit)
Table 11. World Vision-based Tactile Sensor Average Price by Region (2027-2032) & (US$/Unit)
Table 12. Vision-based Tactile Sensor Major Market Trends
Table 13. World Vision-based Tactile Sensor Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)
Table 14. World Vision-based Tactile Sensor Consumption by Region (2021-2026) & (K Units)
Table 15. World Vision-based Tactile Sensor Consumption Forecast by Region (2027-2032) & (K Units)
Table 16. World Vision-based Tactile Sensor Production Value by Manufacturer (2021-2026) & (USD Million)
Table 17. Production Value Market Share of Key Vision-based Tactile Sensor Producers in 2025
Table 18. World Vision-based Tactile Sensor Production by Manufacturer (2021-2026) & (K Units)

+357 96 030922
info@marketpublishers.com

Table 19. Production Market Share of Key Vision-based Tactile Sensor Producers in 2025
Table 20. World Vision-based Tactile Sensor Average Price by Manufacturer (2021-2026) & (US$/Unit)
Table 21. Global Vision-based Tactile Sensor Company Evaluation Quadrant
Table 22. World Vision-based Tactile Sensor Industry Rank of Major Manufacturers, Based on Production Value in 2025
Table 23. Head Office and Vision-based Tactile Sensor Production Site of Key Manufacturer
Table 24. Vision-based Tactile Sensor Market: Company Product Type Footprint
Table 25. Vision-based Tactile Sensor Market: Company Product Application Footprint
Table 26. Vision-based Tactile Sensor Competitive Factors
Table 27. Vision-based Tactile Sensor New Entrant and Capacity Expansion Plans
Table 28. Vision-based Tactile Sensor Mergers & Acquisitions Activity
Table 29. United States VS China Vision-based Tactile Sensor Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 30. United States VS China Vision-based Tactile Sensor Production Comparison, (2021 & 2025 & 2032) & (K Units)
Table 31. United States VS China Vision-based Tactile Sensor Consumption Comparison, (2021 & 2025 & 2032) & (K Units)
Table 32. United States Based Vision-based Tactile Sensor Manufacturers, Headquarters and Production Site (States, Country)
Table 33. United States Based Manufacturers Vision-based Tactile Sensor Production Value, (2021-2026) & (USD Million)
Table 34. United States Based Manufacturers Vision-based Tactile Sensor Production Value Market Share (2021-2026)
Table 35. United States Based Manufacturers Vision-based Tactile Sensor Production (2021-2026) & (K Units)
Table 36. United States Based Manufacturers Vision-based Tactile Sensor Production Market Share (2021-2026)
Table 37. China Based Vision-based Tactile Sensor Manufacturers, Headquarters and Production Site (Province, Country)
Table 38. China Based Manufacturers Vision-based Tactile Sensor Production Value, (2021-2026) & (USD Million)
Table 39. China Based Manufacturers Vision-based Tactile Sensor Production Value Market Share (2021-2026)
Table 40. China Based Manufacturers Vision-based Tactile Sensor Production, (2021-2026) & (K Units)
Table 41. China Based Manufacturers Vision-based Tactile Sensor Production Market

+357 96 030922
info@marketpublishers.com

Share (2021-2026)
Table 42. Rest of World Based Vision-based Tactile Sensor Manufacturers, Headquarters and Production Site (State, Country)
Table 43. Rest of World Based Manufacturers Vision-based Tactile Sensor Production Value, (2021-2026) & (USD Million)
Table 44. Rest of World Based Manufacturers Vision-based Tactile Sensor Production Value Market Share (2021-2026)
Table 45. Rest of World Based Manufacturers Vision-based Tactile Sensor Production, (2021-2026) & (K Units)
Table 46. Rest of World Based Manufacturers Vision-based Tactile Sensor Production Market Share (2021-2026)
Table 47. World Vision-based Tactile Sensor Production Value by Type, (USD Million), 2021 & 2025 & 2032
Table 48. World Vision-based Tactile Sensor Production by Type (2021-2026) & (K Units)
Table 49. World Vision-based Tactile Sensor Production by Type (2027-2032) & (K Units)
Table 50. World Vision-based Tactile Sensor Production Value by Type (2021-2026) & (USD Million)
Table 51. World Vision-based Tactile Sensor Production Value by Type (2027-2032) & (USD Million)
Table 52. World Vision-based Tactile Sensor Average Price by Type (2021-2026) & (US$/Unit)
Table 53. World Vision-based Tactile Sensor Average Price by Type (2027-2032) & (US$/Unit)
Table 54. World Vision-based Tactile Sensor Production Value by Technical Route, (USD Million), 2021 & 2025 & 2032
Table 55. World Vision-based Tactile Sensor Production by Technical Route (2021-2026) & (K Units)
Table 56. World Vision-based Tactile Sensor Production by Technical Route (2027-2032) & (K Units)
Table 57. World Vision-based Tactile Sensor Production Value by Technical Route (2021-2026) & (USD Million)
Table 58. World Vision-based Tactile Sensor Production Value by Technical Route (2027-2032) & (USD Million)
Table 59. World Vision-based Tactile Sensor Average Price by Technical Route (2021-2026) & (US$/Unit)
Table 60. World Vision-based Tactile Sensor Average Price by Technical Route (2027-2032) & (US$/Unit)

+357 96 030922
info@marketpublishers.com

Table 61. World Vision-based Tactile Sensor Production Value by Contact Module, (USD Million), 2021 & 2025 & 2032
Table 62. World Vision-based Tactile Sensor Production by Contact Module (2021-2026) & (K Units)
Table 63. World Vision-based Tactile Sensor Production by Contact Module (2027-2032) & (K Units)
Table 64. World Vision-based Tactile Sensor Production Value by Contact Module (2021-2026) & (USD Million)
Table 65. World Vision-based Tactile Sensor Production Value by Contact Module (2027-2032) & (USD Million)
Table 66. World Vision-based Tactile Sensor Average Price by Contact Module (2021-2026) & (US$/Unit)
Table 67. World Vision-based Tactile Sensor Average Price by Contact Module (2027-2032) & (US$/Unit)
Table 68. World Vision-based Tactile Sensor Production Value by Application, (USD Million), 2021 & 2025 & 2032
Table 69. World Vision-based Tactile Sensor Production by Application (2021-2026) & (K Units)
Table 70. World Vision-based Tactile Sensor Production by Application (2027-2032) & (K Units)
Table 71. World Vision-based Tactile Sensor Production Value by Application (2021-2026) & (USD Million)
Table 72. World Vision-based Tactile Sensor Production Value by Application (2027-2032) & (USD Million)
Table 73. World Vision-based Tactile Sensor Average Price by Application (2021-2026) & (US$/Unit)
Table 74. World Vision-based Tactile Sensor Average Price by Application (2027-2032) & (US$/Unit)
Table 75. GelSight Basic Information, Manufacturing Base and Competitors
Table 76. GelSight Major Business
Table 77. GelSight Vision-based Tactile Sensor Product and Services
Table 78. GelSight Vision-based Tactile Sensor Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 79. GelSight Recent Developments/Updates
Table 80. GelSight Competitive Strengths & Weaknesses
Table 81. Daimon (Shenzhen) Robotics Technology Basic Information, Manufacturing Base and Competitors
Table 82. Daimon (Shenzhen) Robotics Technology Major Business
Table 83. Daimon (Shenzhen) Robotics Technology Vision-based Tactile Sensor

+357 96 030922
info@marketpublishers.com

Product and Services
Table 84. Daimon (Shenzhen) Robotics Technology Vision-based Tactile Sensor Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 85. Daimon (Shenzhen) Robotics Technology Recent Developments/Updates
Table 86. Daimon (Shenzhen) Robotics Technology Competitive Strengths & Weaknesses
Table 87. Shanghai Vitai Robotics Basic Information, Manufacturing Base and Competitors
Table 88. Shanghai Vitai Robotics Major Business
Table 89. Shanghai Vitai Robotics Vision-based Tactile Sensor Product and Services
Table 90. Shanghai Vitai Robotics Vision-based Tactile Sensor Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. Shanghai Vitai Robotics Recent Developments/Updates
Table 92. Shanghai Vitai Robotics Competitive Strengths & Weaknesses
Table 93. Shenzhen Orisys Basic Information, Manufacturing Base and Competitors
Table 94. Shenzhen Orisys Major Business
Table 95. Shenzhen Orisys Vision-based Tactile Sensor Product and Services
Table 96. Shenzhen Orisys Vision-based Tactile Sensor Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Shenzhen Orisys Recent Developments/Updates
Table 98. Shenzhen Orisys Competitive Strengths & Weaknesses
Table 99. Shenzhen Ecomo Technology Basic Information, Manufacturing Base and Competitors
Table 100. Shenzhen Ecomo Technology Major Business
Table 101. Shenzhen Ecomo Technology Vision-based Tactile Sensor Product and Services
Table 102. Shenzhen Ecomo Technology Vision-based Tactile Sensor Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. Shenzhen Ecomo Technology Recent Developments/Updates
Table 104. Shenzhen Ecomo Technology Competitive Strengths & Weaknesses
Table 105. Global Key Players of Vision-based Tactile Sensor Upstream (Raw Materials)
Table 106. Global Vision-based Tactile Sensor Typical Customers
Table 107. Vision-based Tactile Sensor Typical Distributors

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Vision-based Tactile Sensor Picture
Figure 2. World Vision-based Tactile Sensor Production Value: 2021 & 2025 & 2032, (USD Million)
Figure 3. World Vision-based Tactile Sensor Production Value and Forecast (2021-2032) & (USD Million)
Figure 4. World Vision-based Tactile Sensor Production (2021-2032) & (K Units)
Figure 5. World Vision-based Tactile Sensor Average Price (2021-2032) & (US$/Unit)
Figure 6. World Vision-based Tactile Sensor Production Value Market Share by Region (2021-2032)
Figure 7. World Vision-based Tactile Sensor Production Market Share by Region (2021-2032)
Figure 8. North America Vision-based Tactile Sensor Production (2021-2032) & (K Units)
Figure 9. Europe Vision-based Tactile Sensor Production (2021-2032) & (K Units)
Figure 10. China Vision-based Tactile Sensor Production (2021-2032) & (K Units)
Figure 11. Japan Vision-based Tactile Sensor Production (2021-2032) & (K Units)
Figure 12. Vision-based Tactile Sensor Market Drivers
Figure 13. Factors Affecting Demand
Figure 14. World Vision-based Tactile Sensor Consumption (2021-2032) & (K Units)
Figure 15. World Vision-based Tactile Sensor Consumption Market Share by Region (2021-2032)
Figure 16. United States Vision-based Tactile Sensor Consumption (2021-2032) & (K Units)
Figure 17. China Vision-based Tactile Sensor Consumption (2021-2032) & (K Units)
Figure 18. Europe Vision-based Tactile Sensor Consumption (2021-2032) & (K Units)
Figure 19. Japan Vision-based Tactile Sensor Consumption (2021-2032) & (K Units)
Figure 20. South Korea Vision-based Tactile Sensor Consumption (2021-2032) & (K Units)
Figure 21. ASEAN Vision-based Tactile Sensor Consumption (2021-2032) & (K Units)
Figure 22. India Vision-based Tactile Sensor Consumption (2021-2032) & (K Units)
Figure 23. Producer Shipments of Vision-based Tactile Sensor by Manufacturer Revenue ($MM) and Market Share (%): 2025
Figure 24. Global Four-firm Concentration Ratios (CR4) for Vision-based Tactile Sensor Markets in 2025
Figure 25. Global Four-firm Concentration Ratios (CR8) for Vision-based Tactile Sensor

+357 96 030922
info@marketpublishers.com

Markets in 2025
Figure 26. United States VS China: Vision-based Tactile Sensor Production Value Market Share Comparison (2021 & 2025 & 2032)
Figure 27. United States VS China: Vision-based Tactile Sensor Production Market Share Comparison (2021 & 2025 & 2032)
Figure 28. United States VS China: Vision-based Tactile Sensor Consumption Market Share Comparison (2021 & 2025 & 2032)
Figure 29. United States Based Manufacturers Vision-based Tactile Sensor Production Market Share 2025
Figure 30. China Based Manufacturers Vision-based Tactile Sensor Production Market Share 2025
Figure 31. Rest of World Based Manufacturers Vision-based Tactile Sensor Production Market Share 2025
Figure 32. World Vision-based Tactile Sensor Production Value by Type, (USD Million), 2021 & 2025 & 2032
Figure 33. World Vision-based Tactile Sensor Production Value Market Share by Type in 2025
Figure 34. Consumer-grade
Figure 35. Industrial-grade
Figure 36. World Vision-based Tactile Sensor Production Market Share by Type (2021-2032)
Figure 37. World Vision-based Tactile Sensor Production Value Market Share by Type (2021-2032)
Figure 38. World Vision-based Tactile Sensor Average Price by Type (2021-2032) & (US$/Unit)
Figure 39. World Vision-based Tactile Sensor Production Value by Technical Route, (USD Million), 2021 & 2025 & 2032
Figure 40. World Vision-based Tactile Sensor Production Value Market Share by Technical Route in 2025
Figure 41. Based on Monochromatic Light
Figure 42. Based on Trichromatic Light
Figure 43. World Vision-based Tactile Sensor Production Market Share by Technical Route (2021-2032)
Figure 44. World Vision-based Tactile Sensor Production Value Market Share by Technical Route (2021-2032)
Figure 45. World Vision-based Tactile Sensor Average Price by Technical Route (2021-2032) & (US$/Unit)
Figure 46. World Vision-based Tactile Sensor Production Value by Contact Module, (USD Million), 2021 & 2025 & 2032

+357 96 030922
info@marketpublishers.com

Figure 47. World Vision-based Tactile Sensor Production Value Market Share by Contact Module in 2025
Figure 48. Simple Marker Based (SMB)
Figure 49. Morphological Marker-Based (MMB)
Figure 50. World Vision-based Tactile Sensor Production Market Share by Contact Module (2021-2032)
Figure 51. World Vision-based Tactile Sensor Production Value Market Share by Contact Module (2021-2032)
Figure 52. World Vision-based Tactile Sensor Average Price by Contact Module (2021-2032) & (US$/Unit)
Figure 53. World Vision-based Tactile Sensor Production Value by Application, (USD Million), 2021 & 2025 & 2032
Figure 54. World Vision-based Tactile Sensor Production Value Market Share by Application in 2025
Figure 55. Industrial Automation
Figure 56. Medical
Figure 57. Embodied AI
Figure 58. Consumer Electronics
Figure 59. Others
Figure 60. World Vision-based Tactile Sensor Production Market Share by Application (2021-2032)
Figure 61. World Vision-based Tactile Sensor Production Value Market Share by Application (2021-2032)
Figure 62. World Vision-based Tactile Sensor Average Price by Application (2021-2032) & (US$/Unit)
Figure 63. Vision-based Tactile Sensor Industry Chain
Figure 64. Vision-based Tactile Sensor Procurement Model
Figure 65. Vision-based Tactile Sensor Sales Model
Figure 66. Vision-based Tactile Sensor Sales Channels, Direct Sales, and Distribution
Figure 67. Methodology
Figure 68. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Vision-based Tactile Sensor Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/GFB5BDC9A991EN.html

Price: US$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GFB5BDC9A991EN.html