

Global High Precision GNSS Module Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global High Precision GNSS Module market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

High precision GNSS module is a device that can receive and process signals from multiple global navigation satellite systems (GNSS), such as GPS, GLONASS, Galileo and BeiDou, and provide accurate position information to the end user. High precision GNSS modules use real time kinematic (RTK) technology, which is a technique that uses the receiver's measurements of the phase of the satellite signal's carrier wave. These measurements, combined with corrections from a local or virtual base station, allow the receiver to solve carrier ambiguities and provide centimeter-level accurate position information.

The Global Info Research report includes an overview of the development of the High Precision GNSS Module industry chain, the market status of Consumer Electronics (Bare PCB Module, Shell Protection Module), Automotive Electronics (Bare PCB Module, Shell Protection Module), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of High Precision GNSS Module.

Regionally, the report analyzes the High Precision GNSS Module markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global High Precision GNSS Module market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the High Precision GNSS Module market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the High Precision GNSS Module industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Bare PCB Module, Shell Protection Module).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the High Precision GNSS Module market.

Regional Analysis: The report involves examining the High Precision GNSS Module market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the High Precision GNSS Module market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to High Precision GNSS Module:

Company Analysis: Report covers individual High Precision GNSS Module manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards High Precision GNSS Module This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application

(Consumer Electronics, Automotive Electronics).

Technology Analysis: Report covers specific technologies relevant to High Precision GNSS Module. It assesses the current state, advancements, and potential future developments in High Precision GNSS Module areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the High Precision GNSS Module market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

High Precision GNSS Module market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Bare PCB Module

Shell Protection Module

Others

Market segment by Application

Consumer Electronics

Automotive Electronics

Industrial Electronics

Others

Major players covered

U-blox

NovAtel

Quectel

Telit

Skylab

Antenova

TOPGNSS

Skytraq

Swift Navigation

Tersus

ComNav Technology

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe High Precision GNSS Module product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of High Precision GNSS Module, with price, sales, revenue and global market share of High Precision GNSS Module from 2018 to 2023.

Chapter 3, the High Precision GNSS Module competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the High Precision GNSS Module breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and High Precision GNSS Module market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of High Precision GNSS Module.

Chapter 14 and 15, to describe High Precision GNSS Module sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of High Precision GNSS Module

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global High Precision GNSS Module Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 Bare PCB Module

1.3.3 Shell Protection Module

1.3.4 Others

1.4 Market Analysis by Application

1.4.1 Overview: Global High Precision GNSS Module Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Consumer Electronics

1.4.3 Automotive Electronics

1.4.4 Industrial Electronics

1.4.5 Others

1.5 Global High Precision GNSS Module Market Size & Forecast

1.5.1 Global High Precision GNSS Module Consumption Value (2018 & 2022 & 2029)

1.5.2 Global High Precision GNSS Module Sales Quantity (2018-2029)

1.5.3 Global High Precision GNSS Module Average Price (2018-2029)

2 MANUFACTURERS PROFILES

2.1 U-blox

2.1.1 U-blox Details

2.1.2 U-blox Major Business

2.1.3 U-blox High Precision GNSS Module Product and Services

2.1.4 U-blox High Precision GNSS Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 U-blox Recent Developments/Updates

2.2 NovAtel

2.2.1 NovAtel Details

2.2.2 NovAtel Major Business

2.2.3 NovAtel High Precision GNSS Module Product and Services

2.2.4 NovAtel High Precision GNSS Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.2.5 NovAtel Recent Developments/Updates
- 2.3 Quectel
 - 2.3.1 Quectel Details
 - 2.3.2 Quectel Major Business
 - 2.3.3 Quectel High Precision GNSS Module Product and Services
 - 2.3.4 Quectel High Precision GNSS Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.3.5 Quectel Recent Developments/Updates
- 2.4 Telit
 - 2.4.1 Telit Details
 - 2.4.2 Telit Major Business
 - 2.4.3 Telit High Precision GNSS Module Product and Services
 - 2.4.4 Telit High Precision GNSS Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.4.5 Telit Recent Developments/Updates
- 2.5 Skylab
 - 2.5.1 Skylab Details
 - 2.5.2 Skylab Major Business
 - 2.5.3 Skylab High Precision GNSS Module Product and Services
 - 2.5.4 Skylab High Precision GNSS Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.5.5 Skylab Recent Developments/Updates
- 2.6 Antenova
 - 2.6.1 Antenova Details
 - 2.6.2 Antenova Major Business
 - 2.6.3 Antenova High Precision GNSS Module Product and Services
 - 2.6.4 Antenova High Precision GNSS Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.6.5 Antenova Recent Developments/Updates
- 2.7 TOPGNSS
 - 2.7.1 TOPGNSS Details
 - 2.7.2 TOPGNSS Major Business
 - 2.7.3 TOPGNSS High Precision GNSS Module Product and Services
 - 2.7.4 TOPGNSS High Precision GNSS Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.7.5 TOPGNSS Recent Developments/Updates
- 2.8 Skytraq
 - 2.8.1 Skytraq Details
 - 2.8.2 Skytraq Major Business

- 2.8.3 Skytraq High Precision GNSS Module Product and Services
- 2.8.4 Skytraq High Precision GNSS Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.8.5 Skytraq Recent Developments/Updates
- 2.9 Swift Navigation
 - 2.9.1 Swift Navigation Details
 - 2.9.2 Swift Navigation Major Business
 - 2.9.3 Swift Navigation High Precision GNSS Module Product and Services
 - 2.9.4 Swift Navigation High Precision GNSS Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.9.5 Swift Navigation Recent Developments/Updates
- 2.10 Tersus
 - 2.10.1 Tersus Details
 - 2.10.2 Tersus Major Business
 - 2.10.3 Tersus High Precision GNSS Module Product and Services
 - 2.10.4 Tersus High Precision GNSS Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.10.5 Tersus Recent Developments/Updates
- 2.11 ComNav Technology
 - 2.11.1 ComNav Technology Details
 - 2.11.2 ComNav Technology Major Business
 - 2.11.3 ComNav Technology High Precision GNSS Module Product and Services
 - 2.11.4 ComNav Technology High Precision GNSS Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.11.5 ComNav Technology Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: HIGH PRECISION GNSS MODULE BY MANUFACTURER

- 3.1 Global High Precision GNSS Module Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global High Precision GNSS Module Revenue by Manufacturer (2018-2023)
- 3.3 Global High Precision GNSS Module Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
 - 3.4.1 Producer Shipments of High Precision GNSS Module by Manufacturer Revenue (\$MM) and Market Share (%): 2022
 - 3.4.2 Top 3 High Precision GNSS Module Manufacturer Market Share in 2022
 - 3.4.2 Top 6 High Precision GNSS Module Manufacturer Market Share in 2022
- 3.5 High Precision GNSS Module Market: Overall Company Footprint Analysis
 - 3.5.1 High Precision GNSS Module Market: Region Footprint

- 3.5.2 High Precision GNSS Module Market: Company Product Type Footprint
- 3.5.3 High Precision GNSS Module Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global High Precision GNSS Module Market Size by Region
 - 4.1.1 Global High Precision GNSS Module Sales Quantity by Region (2018-2029)
 - 4.1.2 Global High Precision GNSS Module Consumption Value by Region (2018-2029)
 - 4.1.3 Global High Precision GNSS Module Average Price by Region (2018-2029)
- 4.2 North America High Precision GNSS Module Consumption Value (2018-2029)
- 4.3 Europe High Precision GNSS Module Consumption Value (2018-2029)
- 4.4 Asia-Pacific High Precision GNSS Module Consumption Value (2018-2029)
- 4.5 South America High Precision GNSS Module Consumption Value (2018-2029)
- 4.6 Middle East and Africa High Precision GNSS Module Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

- 5.1 Global High Precision GNSS Module Sales Quantity by Type (2018-2029)
- 5.2 Global High Precision GNSS Module Consumption Value by Type (2018-2029)
- 5.3 Global High Precision GNSS Module Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global High Precision GNSS Module Sales Quantity by Application (2018-2029)
- 6.2 Global High Precision GNSS Module Consumption Value by Application (2018-2029)
- 6.3 Global High Precision GNSS Module Average Price by Application (2018-2029)

7 NORTH AMERICA

- 7.1 North America High Precision GNSS Module Sales Quantity by Type (2018-2029)
- 7.2 North America High Precision GNSS Module Sales Quantity by Application (2018-2029)
- 7.3 North America High Precision GNSS Module Market Size by Country
 - 7.3.1 North America High Precision GNSS Module Sales Quantity by Country (2018-2029)

7.3.2 North America High Precision GNSS Module Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe High Precision GNSS Module Sales Quantity by Type (2018-2029)

8.2 Europe High Precision GNSS Module Sales Quantity by Application (2018-2029)

8.3 Europe High Precision GNSS Module Market Size by Country

8.3.1 Europe High Precision GNSS Module Sales Quantity by Country (2018-2029)

8.3.2 Europe High Precision GNSS Module Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific High Precision GNSS Module Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific High Precision GNSS Module Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific High Precision GNSS Module Market Size by Region

9.3.1 Asia-Pacific High Precision GNSS Module Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific High Precision GNSS Module Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America High Precision GNSS Module Sales Quantity by Type (2018-2029)

10.2 South America High Precision GNSS Module Sales Quantity by Application (2018-2029)

10.3 South America High Precision GNSS Module Market Size by Country

10.3.1 South America High Precision GNSS Module Sales Quantity by Country (2018-2029)

10.3.2 South America High Precision GNSS Module Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa High Precision GNSS Module Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa High Precision GNSS Module Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa High Precision GNSS Module Market Size by Country

11.3.1 Middle East & Africa High Precision GNSS Module Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa High Precision GNSS Module Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 High Precision GNSS Module Market Drivers

12.2 High Precision GNSS Module Market Restraints

12.3 High Precision GNSS Module Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

12.5 Influence of COVID-19 and Russia-Ukraine War

12.5.1 Influence of COVID-19

12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of High Precision GNSS Module and Key Manufacturers

13.2 Manufacturing Costs Percentage of High Precision GNSS Module

13.3 High Precision GNSS Module Production Process

13.4 High Precision GNSS Module Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 High Precision GNSS Module Typical Distributors

14.3 High Precision GNSS Module Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Global High Precision GNSS Module Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Table 2. Global High Precision GNSS Module Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Table 3. U-blox Basic Information, Manufacturing Base and Competitors
- Table 4. U-blox Major Business
- Table 5. U-blox High Precision GNSS Module Product and Services
- Table 6. U-blox High Precision GNSS Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 7. U-blox Recent Developments/Updates
- Table 8. NovAtel Basic Information, Manufacturing Base and Competitors
- Table 9. NovAtel Major Business
- Table 10. NovAtel High Precision GNSS Module Product and Services
- Table 11. NovAtel High Precision GNSS Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 12. NovAtel Recent Developments/Updates
- Table 13. Quectel Basic Information, Manufacturing Base and Competitors
- Table 14. Quectel Major Business
- Table 15. Quectel High Precision GNSS Module Product and Services
- Table 16. Quectel High Precision GNSS Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 17. Quectel Recent Developments/Updates
- Table 18. Telit Basic Information, Manufacturing Base and Competitors
- Table 19. Telit Major Business
- Table 20. Telit High Precision GNSS Module Product and Services
- Table 21. Telit High Precision GNSS Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 22. Telit Recent Developments/Updates
- Table 23. Skylab Basic Information, Manufacturing Base and Competitors
- Table 24. Skylab Major Business
- Table 25. Skylab High Precision GNSS Module Product and Services
- Table 26. Skylab High Precision GNSS Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 27. Skylab Recent Developments/Updates
- Table 28. Antenova Basic Information, Manufacturing Base and Competitors

Table 29. Antenova Major Business

Table 30. Antenova High Precision GNSS Module Product and Services

Table 31. Antenova High Precision GNSS Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Antenova Recent Developments/Updates

Table 33. TOPGNSS Basic Information, Manufacturing Base and Competitors

Table 34. TOPGNSS Major Business

Table 35. TOPGNSS High Precision GNSS Module Product and Services

Table 36. TOPGNSS High Precision GNSS Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. TOPGNSS Recent Developments/Updates

Table 38. Skytraq Basic Information, Manufacturing Base and Competitors

Table 39. Skytraq Major Business

Table 40. Skytraq High Precision GNSS Module Product and Services

Table 41. Skytraq High Precision GNSS Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Skytraq Recent Developments/Updates

Table 43. Swift Navigation Basic Information, Manufacturing Base and Competitors

Table 44. Swift Navigation Major Business

Table 45. Swift Navigation High Precision GNSS Module Product and Services

Table 46. Swift Navigation High Precision GNSS Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Swift Navigation Recent Developments/Updates

Table 48. Tersus Basic Information, Manufacturing Base and Competitors

Table 49. Tersus Major Business

Table 50. Tersus High Precision GNSS Module Product and Services

Table 51. Tersus High Precision GNSS Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Tersus Recent Developments/Updates

Table 53. ComNav Technology Basic Information, Manufacturing Base and Competitors

Table 54. ComNav Technology Major Business

Table 55. ComNav Technology High Precision GNSS Module Product and Services

Table 56. ComNav Technology High Precision GNSS Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. ComNav Technology Recent Developments/Updates

Table 58. Global High Precision GNSS Module Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 59. Global High Precision GNSS Module Revenue by Manufacturer (2018-2023) & (USD Million)

Table 60. Global High Precision GNSS Module Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 61. Market Position of Manufacturers in High Precision GNSS Module, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 62. Head Office and High Precision GNSS Module Production Site of Key Manufacturer

Table 63. High Precision GNSS Module Market: Company Product Type Footprint

Table 64. High Precision GNSS Module Market: Company Product Application Footprint

Table 65. High Precision GNSS Module New Market Entrants and Barriers to Market Entry

Table 66. High Precision GNSS Module Mergers, Acquisition, Agreements, and Collaborations

Table 67. Global High Precision GNSS Module Sales Quantity by Region (2018-2023) & (K Units)

Table 68. Global High Precision GNSS Module Sales Quantity by Region (2024-2029) & (K Units)

Table 69. Global High Precision GNSS Module Consumption Value by Region (2018-2023) & (USD Million)

Table 70. Global High Precision GNSS Module Consumption Value by Region (2024-2029) & (USD Million)

Table 71. Global High Precision GNSS Module Average Price by Region (2018-2023) & (US\$/Unit)

Table 72. Global High Precision GNSS Module Average Price by Region (2024-2029) & (US\$/Unit)

Table 73. Global High Precision GNSS Module Sales Quantity by Type (2018-2023) & (K Units)

Table 74. Global High Precision GNSS Module Sales Quantity by Type (2024-2029) & (K Units)

Table 75. Global High Precision GNSS Module Consumption Value by Type (2018-2023) & (USD Million)

Table 76. Global High Precision GNSS Module Consumption Value by Type (2024-2029) & (USD Million)

Table 77. Global High Precision GNSS Module Average Price by Type (2018-2023) & (US\$/Unit)

Table 78. Global High Precision GNSS Module Average Price by Type (2024-2029) & (US\$/Unit)

Table 79. Global High Precision GNSS Module Sales Quantity by Application

(2018-2023) & (K Units)

Table 80. Global High Precision GNSS Module Sales Quantity by Application

(2024-2029) & (K Units)

Table 81. Global High Precision GNSS Module Consumption Value by Application

(2018-2023) & (USD Million)

Table 82. Global High Precision GNSS Module Consumption Value by Application

(2024-2029) & (USD Million)

Table 83. Global High Precision GNSS Module Average Price by Application

(2018-2023) & (US\$/Unit)

Table 84. Global High Precision GNSS Module Average Price by Application

(2024-2029) & (US\$/Unit)

Table 85. North America High Precision GNSS Module Sales Quantity by Type

(2018-2023) & (K Units)

Table 86. North America High Precision GNSS Module Sales Quantity by Type

(2024-2029) & (K Units)

Table 87. North America High Precision GNSS Module Sales Quantity by Application

(2018-2023) & (K Units)

Table 88. North America High Precision GNSS Module Sales Quantity by Application

(2024-2029) & (K Units)

Table 89. North America High Precision GNSS Module Sales Quantity by Country

(2018-2023) & (K Units)

Table 90. North America High Precision GNSS Module Sales Quantity by Country

(2024-2029) & (K Units)

Table 91. North America High Precision GNSS Module Consumption Value by Country
(2018-2023) & (USD Million)

Table 92. North America High Precision GNSS Module Consumption Value by Country
(2024-2029) & (USD Million)

Table 93. Europe High Precision GNSS Module Sales Quantity by Type (2018-2023) &
(K Units)

Table 94. Europe High Precision GNSS Module Sales Quantity by Type (2024-2029) &
(K Units)

Table 95. Europe High Precision GNSS Module Sales Quantity by Application
(2018-2023) & (K Units)

Table 96. Europe High Precision GNSS Module Sales Quantity by Application
(2024-2029) & (K Units)

Table 97. Europe High Precision GNSS Module Sales Quantity by Country (2018-2023)
& (K Units)

Table 98. Europe High Precision GNSS Module Sales Quantity by Country (2024-2029)
& (K Units)

Table 99. Europe High Precision GNSS Module Consumption Value by Country (2018-2023) & (USD Million)

Table 100. Europe High Precision GNSS Module Consumption Value by Country (2024-2029) & (USD Million)

Table 101. Asia-Pacific High Precision GNSS Module Sales Quantity by Type (2018-2023) & (K Units)

Table 102. Asia-Pacific High Precision GNSS Module Sales Quantity by Type (2024-2029) & (K Units)

Table 103. Asia-Pacific High Precision GNSS Module Sales Quantity by Application (2018-2023) & (K Units)

Table 104. Asia-Pacific High Precision GNSS Module Sales Quantity by Application (2024-2029) & (K Units)

Table 105. Asia-Pacific High Precision GNSS Module Sales Quantity by Region (2018-2023) & (K Units)

Table 106. Asia-Pacific High Precision GNSS Module Sales Quantity by Region (2024-2029) & (K Units)

Table 107. Asia-Pacific High Precision GNSS Module Consumption Value by Region (2018-2023) & (USD Million)

Table 108. Asia-Pacific High Precision GNSS Module Consumption Value by Region (2024-2029) & (USD Million)

Table 109. South America High Precision GNSS Module Sales Quantity by Type (2018-2023) & (K Units)

Table 110. South America High Precision GNSS Module Sales Quantity by Type (2024-2029) & (K Units)

Table 111. South America High Precision GNSS Module Sales Quantity by Application (2018-2023) & (K Units)

Table 112. South America High Precision GNSS Module Sales Quantity by Application (2024-2029) & (K Units)

Table 113. South America High Precision GNSS Module Sales Quantity by Country (2018-2023) & (K Units)

Table 114. South America High Precision GNSS Module Sales Quantity by Country (2024-2029) & (K Units)

Table 115. South America High Precision GNSS Module Consumption Value by Country (2018-2023) & (USD Million)

Table 116. South America High Precision GNSS Module Consumption Value by Country (2024-2029) & (USD Million)

Table 117. Middle East & Africa High Precision GNSS Module Sales Quantity by Type (2018-2023) & (K Units)

Table 118. Middle East & Africa High Precision GNSS Module Sales Quantity by Type

(2024-2029) & (K Units)

Table 119. Middle East & Africa High Precision GNSS Module Sales Quantity by Application (2018-2023) & (K Units)

Table 120. Middle East & Africa High Precision GNSS Module Sales Quantity by Application (2024-2029) & (K Units)

Table 121. Middle East & Africa High Precision GNSS Module Sales Quantity by Region (2018-2023) & (K Units)

Table 122. Middle East & Africa High Precision GNSS Module Sales Quantity by Region (2024-2029) & (K Units)

Table 123. Middle East & Africa High Precision GNSS Module Consumption Value by Region (2018-2023) & (USD Million)

Table 124. Middle East & Africa High Precision GNSS Module Consumption Value by Region (2024-2029) & (USD Million)

Table 125. High Precision GNSS Module Raw Material

Table 126. Key Manufacturers of High Precision GNSS Module Raw Materials

Table 127. High Precision GNSS Module Typical Distributors

Table 128. High Precision GNSS Module Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. High Precision GNSS Module Picture

Figure 2. Global High Precision GNSS Module Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global High Precision GNSS Module Consumption Value Market Share by Type in 2022

Figure 4. Bare PCB Module Examples

Figure 5. Shell Protection Module Examples

Figure 6. Others Examples

Figure 7. Global High Precision GNSS Module Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 8. Global High Precision GNSS Module Consumption Value Market Share by Application in 2022

Figure 9. Consumer Electronics Examples

Figure 10. Automotive Electronics Examples

Figure 11. Industrial Electronics Examples

Figure 12. Others Examples

Figure 13. Global High Precision GNSS Module Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 14. Global High Precision GNSS Module Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 15. Global High Precision GNSS Module Sales Quantity (2018-2029) & (K Units)

Figure 16. Global High Precision GNSS Module Average Price (2018-2029) & (US\$/Unit)

Figure 17. Global High Precision GNSS Module Sales Quantity Market Share by Manufacturer in 2022

Figure 18. Global High Precision GNSS Module Consumption Value Market Share by Manufacturer in 2022

Figure 19. Producer Shipments of High Precision GNSS Module by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 20. Top 3 High Precision GNSS Module Manufacturer (Consumption Value) Market Share in 2022

Figure 21. Top 6 High Precision GNSS Module Manufacturer (Consumption Value) Market Share in 2022

Figure 22. Global High Precision GNSS Module Sales Quantity Market Share by Region (2018-2029)

Figure 23. Global High Precision GNSS Module Consumption Value Market Share by Region (2018-2029)

Figure 24. North America High Precision GNSS Module Consumption Value (2018-2029) & (USD Million)

Figure 25. Europe High Precision GNSS Module Consumption Value (2018-2029) & (USD Million)

Figure 26. Asia-Pacific High Precision GNSS Module Consumption Value (2018-2029) & (USD Million)

Figure 27. South America High Precision GNSS Module Consumption Value (2018-2029) & (USD Million)

Figure 28. Middle East & Africa High Precision GNSS Module Consumption Value (2018-2029) & (USD Million)

Figure 29. Global High Precision GNSS Module Sales Quantity Market Share by Type (2018-2029)

Figure 30. Global High Precision GNSS Module Consumption Value Market Share by Type (2018-2029)

Figure 31. Global High Precision GNSS Module Average Price by Type (2018-2029) & (US\$/Unit)

Figure 32. Global High Precision GNSS Module Sales Quantity Market Share by Application (2018-2029)

Figure 33. Global High Precision GNSS Module Consumption Value Market Share by Application (2018-2029)

Figure 34. Global High Precision GNSS Module Average Price by Application (2018-2029) & (US\$/Unit)

Figure 35. North America High Precision GNSS Module Sales Quantity Market Share by Type (2018-2029)

Figure 36. North America High Precision GNSS Module Sales Quantity Market Share by Application (2018-2029)

Figure 37. North America High Precision GNSS Module Sales Quantity Market Share by Country (2018-2029)

Figure 38. North America High Precision GNSS Module Consumption Value Market Share by Country (2018-2029)

Figure 39. United States High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Canada High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Mexico High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Europe High Precision GNSS Module Sales Quantity Market Share by Type

(2018-2029)

Figure 43. Europe High Precision GNSS Module Sales Quantity Market Share by Application (2018-2029)

Figure 44. Europe High Precision GNSS Module Sales Quantity Market Share by Country (2018-2029)

Figure 45. Europe High Precision GNSS Module Consumption Value Market Share by Country (2018-2029)

Figure 46. Germany High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. France High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. United Kingdom High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Russia High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Italy High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Asia-Pacific High Precision GNSS Module Sales Quantity Market Share by Type (2018-2029)

Figure 52. Asia-Pacific High Precision GNSS Module Sales Quantity Market Share by Application (2018-2029)

Figure 53. Asia-Pacific High Precision GNSS Module Sales Quantity Market Share by Region (2018-2029)

Figure 54. Asia-Pacific High Precision GNSS Module Consumption Value Market Share by Region (2018-2029)

Figure 55. China High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Japan High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Korea High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. India High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Southeast Asia High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Australia High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. South America High Precision GNSS Module Sales Quantity Market Share by Type (2018-2029)

Figure 62. South America High Precision GNSS Module Sales Quantity Market Share by Application (2018-2029)

Figure 63. South America High Precision GNSS Module Sales Quantity Market Share by Country (2018-2029)

Figure 64. South America High Precision GNSS Module Consumption Value Market Share by Country (2018-2029)

Figure 65. Brazil High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. Argentina High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 67. Middle East & Africa High Precision GNSS Module Sales Quantity Market Share by Type (2018-2029)

Figure 68. Middle East & Africa High Precision GNSS Module Sales Quantity Market Share by Application (2018-2029)

Figure 69. Middle East & Africa High Precision GNSS Module Sales Quantity Market Share by Region (2018-2029)

Figure 70. Middle East & Africa High Precision GNSS Module Consumption Value Market Share by Region (2018-2029)

Figure 71. Turkey High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Egypt High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. Saudi Arabia High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. South Africa High Precision GNSS Module Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. High Precision GNSS Module Market Drivers

Figure 76. High Precision GNSS Module Market Restraints

Figure 77. High Precision GNSS Module Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of High Precision GNSS Module in 2022

Figure 80. Manufacturing Process Analysis of High Precision GNSS Module

Figure 81. High Precision GNSS Module Industrial Chain

Figure 82. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

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