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# Global High Precision RTK GNSS Modules Market Growth 2025-2031

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## Abstracts

**The report requires updating with new data and is sent in 48 hours after order is placed.**

The global Automotive Active Grille Shutters market size is predicted to grow from US$ 1755 million in 2025 to US$ 2722 million in 2031; it is expected to grow at a CAGR of 7.6% from 2025 to 2031.

Automotive active grille shutters are a system of automatically controlled louvers or vanes positioned in front of a vehicle's radiator. These shutters open and close to regulate airflow to the engine compartment. When cooling is needed, the shutters open to allow air to flow through the radiator. When cooling is not required, such as during warm-up or highway cruising, the shutters close to improve aerodynamics, reducing drag and improving fuel efficiency.

The trend in active grille shutter technology is focused on improving performance, expanding functionality, and reducing complexity. Key trends include: enhanced control algorithms that consider a wider range of parameters, such as engine temperature, vehicle speed, ambient temperature, and even driving style, for more precise airflow management; improved actuator designs for faster opening and closing times, as well as increased durability and reliability in harsh environments; integration with other vehicle systems, such as the climate control system and engine management system, for optimized overall vehicle performance; the use of lighter-weight materials, such as plastics and composites, to reduce weight and improve fuel efficiency; and the development of more compact designs to allow for greater styling flexibility. Furthermore, there's a growing emphasis on predictive control strategies that anticipate cooling needs based on navigation data or traffic conditions, enabling proactive shutter adjustments. The trend is also towards more sophisticated diagnostic capabilities,

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allowing for early detection of potential issues. This aligns with the automotive industry's focus on improving fuel economy, reducing emissions, and enhancing vehicle performance and aerodynamics.

The Automotive Active Grille Shutters (AGS) market is part of the larger trend toward increasing vehicle fuel efficiency, aerodynamics, and reducing emissions. Active grille shutters are a key component in improving the overall performance and efficiency of modern vehicles by optimizing airflow to the engine and cooling systems. These shutters adjust automatically depending on driving conditions, contributing to better fuel economy and reduced environmental impact. As the automotive industry focuses on innovation, fuel efficiency, and emission standards, the active grille shutters market is witnessing significant growth.

Fuel efficiency and CO2 emission reduction are among the top priorities for automakers due to stringent government regulations, especially in regions like the European Union, North America, and China.

Active grille shutters improve aerodynamics by controlling airflow to the engine and cooling systems, reducing drag and fuel consumption, particularly at high speeds. By optimizing airflow, they enhance vehicle performance and contribute to meeting emission reduction standards.

Regulatory frameworks such as Euro 6, CAFE (Corporate Average Fuel Economy) standards, and fuel economy regulations in various countries continue to encourage the adoption of AGS to improve vehicle efficiency.

LP Information, Inc. (LPI) ' newest research report, the “Automotive Active Grille Shutters Industry Forecast” looks at past sales and reviews total world Automotive Active Grille Shutters sales in 2024, providing a comprehensive analysis by region and market sector of projected Automotive Active Grille Shutters sales for 2025 through 2031. With Automotive Active Grille Shutters sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Automotive Active Grille Shutters industry.

This Insight Report provides a comprehensive analysis of the global Automotive Active Grille Shutters landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Automotive Active Grille Shutters portfolios and capabilities, market entry strategies,

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market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Automotive Active Grille Shutters market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automotive Active Grille Shutters and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Automotive Active Grille Shutters.

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive Active Grille Shutters market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Visible Type

Non-Visible Type

Segmentation by Application:

Commercial Vehicle

Passenger Vehicle

This report also splits the market by region:

Americas

United States

Canada

Mexico

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- Brazil

APAC

- China
- Japan
- Korea
- Southeast Asia
- India
- Australia

Europe

- Germany
- France
- UK
- Italy
- Russia

Middle East & Africa

- Egypt
- South Africa
- Israel
- Turkey
- GCC Countries

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The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Rochling

Valeo

Magna International

Wirthwein

SRG Global

Batz

HBPO GmbH

Techniplas

Brose Fahrzeugteile

STARLITE

Mirror Controls International

Huatong Automotive Molding

Tong Yang Group

Sonceboz

Key Questions Addressed in this Report

What is the 10-year outlook for the global Automotive Active Grille Shutters market?

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What factors are driving Automotive Active Grille Shutters market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Automotive Active Grille Shutters market opportunities vary by end market size?

How does Automotive Active Grille Shutters break out by Type, by Application?

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# Contents

## 1 SCOPE OF THE REPORT

1.1 Market Introduction
1.2 Years Considered
1.3 Research Objectives
1.4 Market Research Methodology
1.5 Research Process and Data Source
1.6 Economic Indicators
1.7 Currency Considered
1.8 Market Estimation Caveats

## 2 EXECUTIVE SUMMARY

2.1 World Market Overview
  2.1.1 Global High Precision RTK GNSS Modules Annual Sales 2020-2031
  2.1.2 World Current & Future Analysis for High Precision RTK GNSS Modules by Geographic Region, 2020, 2024 & 2031
  2.1.3 World Current & Future Analysis for High Precision RTK GNSS Modules by Country/Region, 2020, 2024 & 2031
2.2 High Precision RTK GNSS Modules Segment by Type
  2.2.1 Single Frequency Module
  2.2.2 Multi Frequency Module
2.3 High Precision RTK GNSS Modules Sales by Type
  2.3.1 Global High Precision RTK GNSS Modules Sales Market Share by Type (2020-2025)
  2.3.2 Global High Precision RTK GNSS Modules Revenue and Market Share by Type (2020-2025)
  2.3.3 Global High Precision RTK GNSS Modules Sale Price by Type (2020-2025)
2.4 High Precision RTK GNSS Modules Segment by Application
  2.4.1 Transportation & Autonomous Driving
  2.4.2 Agriculture & Precision Farming
  2.4.3 UAVs & Unmanned Systems
  2.4.4 Consumer Electronics
  2.4.5 Aerospace & Maritime
  2.4.6 Others
2.5 High Precision RTK GNSS Modules Sales by Application
  2.5.1 Global High Precision RTK GNSS Modules Sale Market Share by Application

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(2020-2025)
2.5.2 Global High Precision RTK GNSS Modules Revenue and Market Share by Application (2020-2025)
2.5.3 Global High Precision RTK GNSS Modules Sale Price by Application (2020-2025)

## 3 GLOBAL BY COMPANY

3.1 Global High Precision RTK GNSS Modules Breakdown Data by Company
3.1.1 Global High Precision RTK GNSS Modules Annual Sales by Company (2020-2025)
3.1.2 Global High Precision RTK GNSS Modules Sales Market Share by Company (2020-2025)
3.2 Global High Precision RTK GNSS Modules Annual Revenue by Company (2020-2025)
3.2.1 Global High Precision RTK GNSS Modules Revenue by Company (2020-2025)
3.2.2 Global High Precision RTK GNSS Modules Revenue Market Share by Company (2020-2025)
3.3 Global High Precision RTK GNSS Modules Sale Price by Company
3.4 Key Manufacturers High Precision RTK GNSS Modules Producing Area Distribution, Sales Area, Product Type
3.4.1 Key Manufacturers High Precision RTK GNSS Modules Product Location Distribution
3.4.2 Players High Precision RTK GNSS Modules Products Offered
3.5 Market Concentration Rate Analysis
3.5.1 Competition Landscape Analysis
3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
3.6 New Products and Potential Entrants
3.7 Market M&A Activity & Strategy

## 4 WORLD HISTORIC REVIEW FOR HIGH PRECISION RTK GNSS MODULES BY GEOGRAPHIC REGION

4.1 World Historic High Precision RTK GNSS Modules Market Size by Geographic Region (2020-2025)
4.1.1 Global High Precision RTK GNSS Modules Annual Sales by Geographic Region (2020-2025)
4.1.2 Global High Precision RTK GNSS Modules Annual Revenue by Geographic Region (2020-2025)

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4.2 World Historic High Precision RTK GNSS Modules Market Size by Country/Region (2020-2025)
4.2.1 Global High Precision RTK GNSS Modules Annual Sales by Country/Region (2020-2025)
4.2.2 Global High Precision RTK GNSS Modules Annual Revenue by Country/Region (2020-2025)
4.3 Americas High Precision RTK GNSS Modules Sales Growth
4.4 APAC High Precision RTK GNSS Modules Sales Growth
4.5 Europe High Precision RTK GNSS Modules Sales Growth
4.6 Middle East & Africa High Precision RTK GNSS Modules Sales Growth

**5 AMERICAS**

5.1 Americas High Precision RTK GNSS Modules Sales by Country
5.1.1 Americas High Precision RTK GNSS Modules Sales by Country (2020-2025)
5.1.2 Americas High Precision RTK GNSS Modules Revenue by Country (2020-2025)
5.2 Americas High Precision RTK GNSS Modules Sales by Type (2020-2025)
5.3 Americas High Precision RTK GNSS Modules Sales by Application (2020-2025)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

**6 APAC**

6.1 APAC High Precision RTK GNSS Modules Sales by Region
6.1.1 APAC High Precision RTK GNSS Modules Sales by Region (2020-2025)
6.1.2 APAC High Precision RTK GNSS Modules Revenue by Region (2020-2025)
6.2 APAC High Precision RTK GNSS Modules Sales by Type (2020-2025)
6.3 APAC High Precision RTK GNSS Modules Sales by Application (2020-2025)
6.4 China
6.5 Japan
6.6 South Korea
6.7 Southeast Asia
6.8 India
6.9 Australia
6.10 China Taiwan

**7 EUROPE**

+357 96 030922
info@marketpublishers.com

7.1 Europe High Precision RTK GNSS Modules by Country
7.1.1 Europe High Precision RTK GNSS Modules Sales by Country (2020-2025)
7.1.2 Europe High Precision RTK GNSS Modules Revenue by Country (2020-2025)
7.2 Europe High Precision RTK GNSS Modules Sales by Type (2020-2025)
7.3 Europe High Precision RTK GNSS Modules Sales by Application (2020-2025)
7.4 Germany
7.5 France
7.6 UK
7.7 Italy
7.8 Russia

**8 MIDDLE EAST & AFRICA**

8.1 Middle East & Africa High Precision RTK GNSS Modules by Country
8.1.1 Middle East & Africa High Precision RTK GNSS Modules Sales by Country (2020-2025)
8.1.2 Middle East & Africa High Precision RTK GNSS Modules Revenue by Country (2020-2025)
8.2 Middle East & Africa High Precision RTK GNSS Modules Sales by Type (2020-2025)
8.3 Middle East & Africa High Precision RTK GNSS Modules Sales by Application (2020-2025)
8.4 Egypt
8.5 South Africa
8.6 Israel
8.7 Turkey
8.8 GCC Countries

**9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities
9.2 Market Challenges & Risks
9.3 Industry Trends

**10 MANUFACTURING COST STRUCTURE ANALYSIS**

10.1 Raw Material and Suppliers
10.2 Manufacturing Cost Structure Analysis of High Precision RTK GNSS Modules

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info@marketpublishers.com

10.3 Manufacturing Process Analysis of High Precision RTK GNSS Modules
10.4 Industry Chain Structure of High Precision RTK GNSS Modules

**11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel
  11.1.1 Direct Channels
  11.1.2 Indirect Channels
11.2 High Precision RTK GNSS Modules Distributors
11.3 High Precision RTK GNSS Modules Customer

**12 WORLD FORECAST REVIEW FOR HIGH PRECISION RTK GNSS MODULES BY GEOGRAPHIC REGION**

12.1 Global High Precision RTK GNSS Modules Market Size Forecast by Region
  12.1.1 Global High Precision RTK GNSS Modules Forecast by Region (2026-2031)
  12.1.2 Global High Precision RTK GNSS Modules Annual Revenue Forecast by Region (2026-2031)
12.2 Americas Forecast by Country (2026-2031)
12.3 APAC Forecast by Region (2026-2031)
12.4 Europe Forecast by Country (2026-2031)
12.5 Middle East & Africa Forecast by Country (2026-2031)
12.6 Global High Precision RTK GNSS Modules Forecast by Type (2026-2031)
12.7 Global High Precision RTK GNSS Modules Forecast by Application (2026-2031)

**13 KEY PLAYERS ANALYSIS**

13.1 Trimble
  13.1.1 Trimble Company Information
  13.1.2 Trimble High Precision RTK GNSS Modules Product Portfolios and Specifications
  13.1.3 Trimble High Precision RTK GNSS Modules Sales, Revenue, Price and Gross Margin (2020-2025)
  13.1.4 Trimble Main Business Overview
  13.1.5 Trimble Latest Developments
13.2 U-blox
  13.2.1 U-blox Company Information
  13.2.2 U-blox High Precision RTK GNSS Modules Product Portfolios and Specifications

+357 96 030922
info@marketpublishers.com

13.2.3 U-blox High Precision RTK GNSS Modules Sales, Revenue, Price and Gross Margin (2020-2025)
13.2.4 U-blox Main Business Overview
13.2.5 U-blox Latest Developments
13.3 Skylab
13.3.1 Skylab Company Information
13.3.2 Skylab High Precision RTK GNSS Modules Product Portfolios and Specifications
13.3.3 Skylab High Precision RTK GNSS Modules Sales, Revenue, Price and Gross Margin (2020-2025)
13.3.4 Skylab Main Business Overview
13.3.5 Skylab Latest Developments
13.4 Telit Cinterion
13.4.1 Telit Cinterion Company Information
13.4.2 Telit Cinterion High Precision RTK GNSS Modules Product Portfolios and Specifications
13.4.3 Telit Cinterion High Precision RTK GNSS Modules Sales, Revenue, Price and Gross Margin (2020-2025)
13.4.4 Telit Cinterion Main Business Overview
13.4.5 Telit Cinterion Latest Developments
13.5 SparkFun
13.5.1 SparkFun Company Information
13.5.2 SparkFun High Precision RTK GNSS Modules Product Portfolios and Specifications
13.5.3 SparkFun High Precision RTK GNSS Modules Sales, Revenue, Price and Gross Margin (2020-2025)
13.5.4 SparkFun Main Business Overview
13.5.5 SparkFun Latest Developments
13.6 Septentrio
13.6.1 Septentrio Company Information
13.6.2 Septentrio High Precision RTK GNSS Modules Product Portfolios and Specifications
13.6.3 Septentrio High Precision RTK GNSS Modules Sales, Revenue, Price and Gross Margin (2020-2025)
13.6.4 Septentrio Main Business Overview
13.6.5 Septentrio Latest Developments
13.7 ComNav Technology
13.7.1 ComNav Technology Company Information
13.7.2 ComNav Technology High Precision RTK GNSS Modules Product Portfolios

+357 96 030922
info@marketpublishers.com

and Specifications
13.7.3 ComNav Technology High Precision RTK GNSS Modules Sales, Revenue, Price and Gross Margin (2020-2025)
13.7.4 ComNav Technology Main Business Overview
13.7.5 ComNav Technology Latest Developments
13.8 UniStrong
13.8.1 UniStrong Company Information
13.8.2 UniStrong High Precision RTK GNSS Modules Product Portfolios and Specifications
13.8.3 UniStrong High Precision RTK GNSS Modules Sales, Revenue, Price and Gross Margin (2020-2025)
13.8.4 UniStrong Main Business Overview
13.8.5 UniStrong Latest Developments
13.9 ASENSING
13.9.1 ASENSING Company Information
13.9.2 ASENSING High Precision RTK GNSS Modules Product Portfolios and Specifications
13.9.3 ASENSING High Precision RTK GNSS Modules Sales, Revenue, Price and Gross Margin (2020-2025)
13.9.4 ASENSING Main Business Overview
13.9.5 ASENSING Latest Developments
13.10 Quectel
13.10.1 Quectel Company Information
13.10.2 Quectel High Precision RTK GNSS Modules Product Portfolios and Specifications
13.10.3 Quectel High Precision RTK GNSS Modules Sales, Revenue, Price and Gross Margin (2020-2025)
13.10.4 Quectel Main Business Overview
13.10.5 Quectel Latest Developments
13.11 Unicore
13.11.1 Unicore Company Information
13.11.2 Unicore High Precision RTK GNSS Modules Product Portfolios and Specifications
13.11.3 Unicore High Precision RTK GNSS Modules Sales, Revenue, Price and Gross Margin (2020-2025)
13.11.4 Unicore Main Business Overview
13.11.5 Unicore Latest Developments
13.12 Beitian
13.12.1 Beitian Company Information

+357 96 030922
info@marketpublishers.com

13.12.2 Beitian High Precision RTK GNSS Modules Product Portfolios and Specifications
13.12.3 Beitian High Precision RTK GNSS Modules Sales, Revenue, Price and Gross Margin (2020-2025)
13.12.4 Beitian Main Business Overview
13.12.5 Beitian Latest Developments
13.13 TOPGNSS
13.13.1 TOPGNSS Company Information
13.13.2 TOPGNSS High Precision RTK GNSS Modules Product Portfolios and Specifications
13.13.3 TOPGNSS High Precision RTK GNSS Modules Sales, Revenue, Price and Gross Margin (2020-2025)
13.13.4 TOPGNSS Main Business Overview
13.13.5 TOPGNSS Latest Developments
13.14 CUAV
13.14.1 CUAV Company Information
13.14.2 CUAV High Precision RTK GNSS Modules Product Portfolios and Specifications
13.14.3 CUAV High Precision RTK GNSS Modules Sales, Revenue, Price and Gross Margin (2020-2025)
13.14.4 CUAV Main Business Overview
13.14.5 CUAV Latest Developments
13.15 Holybro
13.15.1 Holybro Company Information
13.15.2 Holybro High Precision RTK GNSS Modules Product Portfolios and Specifications
13.15.3 Holybro High Precision RTK GNSS Modules Sales, Revenue, Price and Gross Margin (2020-2025)
13.15.4 Holybro Main Business Overview
13.15.5 Holybro Latest Developments
13.16 SIMCom
13.16.1 SIMCom Company Information
13.16.2 SIMCom High Precision RTK GNSS Modules Product Portfolios and Specifications
13.16.3 SIMCom High Precision RTK GNSS Modules Sales, Revenue, Price and Gross Margin (2020-2025)
13.16.4 SIMCom Main Business Overview
13.16.5 SIMCom Latest Developments

+357 96 030922
info@marketpublishers.com

# 14 RESEARCH FINDINGS AND CONCLUSION

+357 96 030922
info@marketpublishers.com

# List Of Tables

## LIST OF TABLES

Table 1. High Precision RTK GNSS Modules Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & ($ millions)
Table 2. High Precision RTK GNSS Modules Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & ($ millions)
Table 3. Major Players of Single Frequency Module
Table 4. Major Players of Multi Frequency Module
Table 5. Global High Precision RTK GNSS Modules Sales by Type (2020-2025) & (K Units)
Table 6. Global High Precision RTK GNSS Modules Sales Market Share by Type (2020-2025)
Table 7. Global High Precision RTK GNSS Modules Revenue by Type (2020-2025) & ($ million)
Table 8. Global High Precision RTK GNSS Modules Revenue Market Share by Type (2020-2025)
Table 9. Global High Precision RTK GNSS Modules Sale Price by Type (2020-2025) & (US$/Unit)
Table 10. Global High Precision RTK GNSS Modules Sale by Application (2020-2025) & (K Units)
Table 11. Global High Precision RTK GNSS Modules Sale Market Share by Application (2020-2025)
Table 12. Global High Precision RTK GNSS Modules Revenue by Application (2020-2025) & ($ million)
Table 13. Global High Precision RTK GNSS Modules Revenue Market Share by Application (2020-2025)
Table 14. Global High Precision RTK GNSS Modules Sale Price by Application (2020-2025) & (US$/Unit)
Table 15. Global High Precision RTK GNSS Modules Sales by Company (2020-2025) & (K Units)
Table 16. Global High Precision RTK GNSS Modules Sales Market Share by Company (2020-2025)
Table 17. Global High Precision RTK GNSS Modules Revenue by Company (2020-2025) & ($ millions)
Table 18. Global High Precision RTK GNSS Modules Revenue Market Share by Company (2020-2025)
Table 19. Global High Precision RTK GNSS Modules Sale Price by Company

+357 96 030922
info@marketpublishers.com

(2020-2025) & (US$/Unit)
Table 20. Key Manufacturers High Precision RTK GNSS Modules Producing Area Distribution and Sales Area
Table 21. Players High Precision RTK GNSS Modules Products Offered
Table 22. High Precision RTK GNSS Modules Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
Table 23. New Products and Potential Entrants
Table 24. Market M&A Activity & Strategy
Table 25. Global High Precision RTK GNSS Modules Sales by Geographic Region (2020-2025) & (K Units)
Table 26. Global High Precision RTK GNSS Modules Sales Market Share Geographic Region (2020-2025)
Table 27. Global High Precision RTK GNSS Modules Revenue by Geographic Region (2020-2025) & ($ millions)
Table 28. Global High Precision RTK GNSS Modules Revenue Market Share by Geographic Region (2020-2025)
Table 29. Global High Precision RTK GNSS Modules Sales by Country/Region (2020-2025) & (K Units)
Table 30. Global High Precision RTK GNSS Modules Sales Market Share by Country/Region (2020-2025)
Table 31. Global High Precision RTK GNSS Modules Revenue by Country/Region (2020-2025) & ($ millions)
Table 32. Global High Precision RTK GNSS Modules Revenue Market Share by Country/Region (2020-2025)
Table 33. Americas High Precision RTK GNSS Modules Sales by Country (2020-2025) & (K Units)
Table 34. Americas High Precision RTK GNSS Modules Sales Market Share by Country (2020-2025)
Table 35. Americas High Precision RTK GNSS Modules Revenue by Country (2020-2025) & ($ millions)
Table 36. Americas High Precision RTK GNSS Modules Sales by Type (2020-2025) & (K Units)
Table 37. Americas High Precision RTK GNSS Modules Sales by Application (2020-2025) & (K Units)
Table 38. APAC High Precision RTK GNSS Modules Sales by Region (2020-2025) & (K Units)
Table 39. APAC High Precision RTK GNSS Modules Sales Market Share by Region (2020-2025)
Table 40. APAC High Precision RTK GNSS Modules Revenue by Region (2020-2025)

+357 96 030922
info@marketpublishers.com

& ($ millions)
Table 41. APAC High Precision RTK GNSS Modules Sales by Type (2020-2025) & (K Units)
Table 42. APAC High Precision RTK GNSS Modules Sales by Application (2020-2025) & (K Units)
Table 43. Europe High Precision RTK GNSS Modules Sales by Country (2020-2025) & (K Units)
Table 44. Europe High Precision RTK GNSS Modules Revenue by Country (2020-2025) & ($ millions)
Table 45. Europe High Precision RTK GNSS Modules Sales by Type (2020-2025) & (K Units)
Table 46. Europe High Precision RTK GNSS Modules Sales by Application (2020-2025) & (K Units)
Table 47. Middle East & Africa High Precision RTK GNSS Modules Sales by Country (2020-2025) & (K Units)
Table 48. Middle East & Africa High Precision RTK GNSS Modules Revenue Market Share by Country (2020-2025)
Table 49. Middle East & Africa High Precision RTK GNSS Modules Sales by Type (2020-2025) & (K Units)
Table 50. Middle East & Africa High Precision RTK GNSS Modules Sales by Application (2020-2025) & (K Units)
Table 51. Key Market Drivers & Growth Opportunities of High Precision RTK GNSS Modules
Table 52. Key Market Challenges & Risks of High Precision RTK GNSS Modules
Table 53. Key Industry Trends of High Precision RTK GNSS Modules
Table 54. High Precision RTK GNSS Modules Raw Material
Table 55. Key Suppliers of Raw Materials
Table 56. High Precision RTK GNSS Modules Distributors List
Table 57. High Precision RTK GNSS Modules Customer List
Table 58. Global High Precision RTK GNSS Modules Sales Forecast by Region (2026-2031) & (K Units)
Table 59. Global High Precision RTK GNSS Modules Revenue Forecast by Region (2026-2031) & ($ millions)
Table 60. Americas High Precision RTK GNSS Modules Sales Forecast by Country (2026-2031) & (K Units)
Table 61. Americas High Precision RTK GNSS Modules Annual Revenue Forecast by Country (2026-2031) & ($ millions)
Table 62. APAC High Precision RTK GNSS Modules Sales Forecast by Region (2026-2031) & (K Units)

+357 96 030922
info@marketpublishers.com

Table 63. APAC High Precision RTK GNSS Modules Annual Revenue Forecast by Region (2026-2031) & ($ millions)
Table 64. Europe High Precision RTK GNSS Modules Sales Forecast by Country (2026-2031) & (K Units)
Table 65. Europe High Precision RTK GNSS Modules Revenue Forecast by Country (2026-2031) & ($ millions)
Table 66. Middle East & Africa High Precision RTK GNSS Modules Sales Forecast by Country (2026-2031) & (K Units)
Table 67. Middle East & Africa High Precision RTK GNSS Modules Revenue Forecast by Country (2026-2031) & ($ millions)
Table 68. Global High Precision RTK GNSS Modules Sales Forecast by Type (2026-2031) & (K Units)
Table 69. Global High Precision RTK GNSS Modules Revenue Forecast by Type (2026-2031) & ($ millions)
Table 70. Global High Precision RTK GNSS Modules Sales Forecast by Application (2026-2031) & (K Units)
Table 71. Global High Precision RTK GNSS Modules Revenue Forecast by Application (2026-2031) & ($ millions)
Table 72. Trimble Basic Information, High Precision RTK GNSS Modules Manufacturing Base, Sales Area and Its Competitors
Table 73. Trimble High Precision RTK GNSS Modules Product Portfolios and Specifications
Table 74. Trimble High Precision RTK GNSS Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 75. Trimble Main Business
Table 76. Trimble Latest Developments
Table 77. U-blox Basic Information, High Precision RTK GNSS Modules Manufacturing Base, Sales Area and Its Competitors
Table 78. U-blox High Precision RTK GNSS Modules Product Portfolios and Specifications
Table 79. U-blox High Precision RTK GNSS Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 80. U-blox Main Business
Table 81. U-blox Latest Developments
Table 82. Skylab Basic Information, High Precision RTK GNSS Modules Manufacturing Base, Sales Area and Its Competitors
Table 83. Skylab High Precision RTK GNSS Modules Product Portfolios and Specifications
Table 84. Skylab High Precision RTK GNSS Modules Sales (K Units), Revenue ($

+357 96 030922
info@marketpublishers.com

Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 85. Skylab Main Business
Table 86. Skylab Latest Developments
Table 87. Telit Cinterion Basic Information, High Precision RTK GNSS Modules Manufacturing Base, Sales Area and Its Competitors
Table 88. Telit Cinterion High Precision RTK GNSS Modules Product Portfolios and Specifications
Table 89. Telit Cinterion High Precision RTK GNSS Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 90. Telit Cinterion Main Business
Table 91. Telit Cinterion Latest Developments
Table 92. SparkFun Basic Information, High Precision RTK GNSS Modules Manufacturing Base, Sales Area and Its Competitors
Table 93. SparkFun High Precision RTK GNSS Modules Product Portfolios and Specifications
Table 94. SparkFun High Precision RTK GNSS Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 95. SparkFun Main Business
Table 96. SparkFun Latest Developments
Table 97. Septentrio Basic Information, High Precision RTK GNSS Modules Manufacturing Base, Sales Area and Its Competitors
Table 98. Septentrio High Precision RTK GNSS Modules Product Portfolios and Specifications
Table 99. Septentrio High Precision RTK GNSS Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 100. Septentrio Main Business
Table 101. Septentrio Latest Developments
Table 102. ComNav Technology Basic Information, High Precision RTK GNSS Modules Manufacturing Base, Sales Area and Its Competitors
Table 103. ComNav Technology High Precision RTK GNSS Modules Product Portfolios and Specifications
Table 104. ComNav Technology High Precision RTK GNSS Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 105. ComNav Technology Main Business
Table 106. ComNav Technology Latest Developments
Table 107. UniStrong Basic Information, High Precision RTK GNSS Modules Manufacturing Base, Sales Area and Its Competitors
Table 108. UniStrong High Precision RTK GNSS Modules Product Portfolios and Specifications

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Table 109. UniStrong High Precision RTK GNSS Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 110. UniStrong Main Business
Table 111. UniStrong Latest Developments
Table 112. ASENSING Basic Information, High Precision RTK GNSS Modules Manufacturing Base, Sales Area and Its Competitors
Table 113. ASENSING High Precision RTK GNSS Modules Product Portfolios and Specifications
Table 114. ASENSING High Precision RTK GNSS Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 115. ASENSING Main Business
Table 116. ASENSING Latest Developments
Table 117. Quectel Basic Information, High Precision RTK GNSS Modules Manufacturing Base, Sales Area and Its Competitors
Table 118. Quectel High Precision RTK GNSS Modules Product Portfolios and Specifications
Table 119. Quectel High Precision RTK GNSS Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 120. Quectel Main Business
Table 121. Quectel Latest Developments
Table 122. Unicore Basic Information, High Precision RTK GNSS Modules Manufacturing Base, Sales Area and Its Competitors
Table 123. Unicore High Precision RTK GNSS Modules Product Portfolios and Specifications
Table 124. Unicore High Precision RTK GNSS Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 125. Unicore Main Business
Table 126. Unicore Latest Developments
Table 127. Beitian Basic Information, High Precision RTK GNSS Modules Manufacturing Base, Sales Area and Its Competitors
Table 128. Beitian High Precision RTK GNSS Modules Product Portfolios and Specifications
Table 129. Beitian High Precision RTK GNSS Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 130. Beitian Main Business
Table 131. Beitian Latest Developments
Table 132. TOPGNSS Basic Information, High Precision RTK GNSS Modules Manufacturing Base, Sales Area and Its Competitors
Table 133. TOPGNSS High Precision RTK GNSS Modules Product Portfolios and

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Specifications
Table 134. TOPGNSS High Precision RTK GNSS Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 135. TOPGNSS Main Business
Table 136. TOPGNSS Latest Developments
Table 137. CUAV Basic Information, High Precision RTK GNSS Modules Manufacturing Base, Sales Area and Its Competitors
Table 138. CUAV High Precision RTK GNSS Modules Product Portfolios and Specifications
Table 139. CUAV High Precision RTK GNSS Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 140. CUAV Main Business
Table 141. CUAV Latest Developments
Table 142. Holybro Basic Information, High Precision RTK GNSS Modules Manufacturing Base, Sales Area and Its Competitors
Table 143. Holybro High Precision RTK GNSS Modules Product Portfolios and Specifications
Table 144. Holybro High Precision RTK GNSS Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 145. Holybro Main Business
Table 146. Holybro Latest Developments
Table 147. SIMCom Basic Information, High Precision RTK GNSS Modules Manufacturing Base, Sales Area and Its Competitors
Table 148. SIMCom High Precision RTK GNSS Modules Product Portfolios and Specifications
Table 149. SIMCom High Precision RTK GNSS Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 150. SIMCom Main Business
Table 151. SIMCom Latest Developments

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# List Of Figures

## LIST OF FIGURES

Figure 1. Picture of High Precision RTK GNSS Modules
Figure 2. High Precision RTK GNSS Modules Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global High Precision RTK GNSS Modules Sales Growth Rate 2020-2031 (K Units)
Figure 7. Global High Precision RTK GNSS Modules Revenue Growth Rate 2020-2031 ($ millions)
Figure 8. High Precision RTK GNSS Modules Sales by Geographic Region (2020, 2024 & 2031) & ($ millions)
Figure 9. High Precision RTK GNSS Modules Sales Market Share by Country/Region (2024)
Figure 10. High Precision RTK GNSS Modules Sales Market Share by Country/Region (2020, 2024 & 2031)
Figure 11. Product Picture of Single Frequency Module
Figure 12. Product Picture of Multi Frequency Module
Figure 13. Global High Precision RTK GNSS Modules Sales Market Share by Type in 2025
Figure 14. Global High Precision RTK GNSS Modules Revenue Market Share by Type (2020-2025)
Figure 15. High Precision RTK GNSS Modules Consumed in Transportation & Autonomous Driving
Figure 16. Global High Precision RTK GNSS Modules Market: Transportation & Autonomous Driving (2020-2025) & (K Units)
Figure 17. High Precision RTK GNSS Modules Consumed in Agriculture & Precision Farming
Figure 18. Global High Precision RTK GNSS Modules Market: Agriculture & Precision Farming (2020-2025) & (K Units)
Figure 19. High Precision RTK GNSS Modules Consumed in UAVs & Unmanned Systems
Figure 20. Global High Precision RTK GNSS Modules Market: UAVs & Unmanned Systems (2020-2025) & (K Units)
Figure 21. High Precision RTK GNSS Modules Consumed in Consumer Electronics
Figure 22. Global High Precision RTK GNSS Modules Market: Consumer Electronics

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(2020-2025) & (K Units)
Figure 23. High Precision RTK GNSS Modules Consumed in Aerospace & Maritime
Figure 24. Global High Precision RTK GNSS Modules Market: Aerospace & Maritime (2020-2025) & (K Units)
Figure 25. High Precision RTK GNSS Modules Consumed in Others
Figure 26. Global High Precision RTK GNSS Modules Market: Others (2020-2025) & (K Units)
Figure 27. Global High Precision RTK GNSS Modules Sale Market Share by Application (2024)
Figure 28. Global High Precision RTK GNSS Modules Revenue Market Share by Application in 2025
Figure 29. High Precision RTK GNSS Modules Sales by Company in 2025 (K Units)
Figure 30. Global High Precision RTK GNSS Modules Sales Market Share by Company in 2025
Figure 31. High Precision RTK GNSS Modules Revenue by Company in 2025 ($ millions)
Figure 32. Global High Precision RTK GNSS Modules Revenue Market Share by Company in 2025
Figure 33. Global High Precision RTK GNSS Modules Sales Market Share by Geographic Region (2020-2025)
Figure 34. Global High Precision RTK GNSS Modules Revenue Market Share by Geographic Region in 2025
Figure 35. Americas High Precision RTK GNSS Modules Sales 2020-2025 (K Units)
Figure 36. Americas High Precision RTK GNSS Modules Revenue 2020-2025 ($ millions)
Figure 37. APAC High Precision RTK GNSS Modules Sales 2020-2025 (K Units)
Figure 38. APAC High Precision RTK GNSS Modules Revenue 2020-2025 ($ millions)
Figure 39. Europe High Precision RTK GNSS Modules Sales 2020-2025 (K Units)
Figure 40. Europe High Precision RTK GNSS Modules Revenue 2020-2025 ($ millions)
Figure 41. Middle East & Africa High Precision RTK GNSS Modules Sales 2020-2025 (K Units)
Figure 42. Middle East & Africa High Precision RTK GNSS Modules Revenue 2020-2025 ($ millions)
Figure 43. Americas High Precision RTK GNSS Modules Sales Market Share by Country in 2025
Figure 44. Americas High Precision RTK GNSS Modules Revenue Market Share by Country (2020-2025)
Figure 45. Americas High Precision RTK GNSS Modules Sales Market Share by Type (2020-2025)

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Figure 46. Americas High Precision RTK GNSS Modules Sales Market Share by Application (2020-2025)
Figure 47. United States High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 48. Canada High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 49. Mexico High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 50. Brazil High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 51. APAC High Precision RTK GNSS Modules Sales Market Share by Region in 2025
Figure 52. APAC High Precision RTK GNSS Modules Revenue Market Share by Region (2020-2025)
Figure 53. APAC High Precision RTK GNSS Modules Sales Market Share by Type (2020-2025)
Figure 54. APAC High Precision RTK GNSS Modules Sales Market Share by Application (2020-2025)
Figure 55. China High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 56. Japan High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 57. South Korea High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 58. Southeast Asia High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 59. India High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 60. Australia High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 61. China Taiwan High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 62. Europe High Precision RTK GNSS Modules Sales Market Share by Country in 2025
Figure 63. Europe High Precision RTK GNSS Modules Revenue Market Share by Country (2020-2025)
Figure 64. Europe High Precision RTK GNSS Modules Sales Market Share by Type (2020-2025)
Figure 65. Europe High Precision RTK GNSS Modules Sales Market Share by

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Application (2020-2025)
Figure 66. Germany High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 67. France High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 68. UK High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 69. Italy High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 70. Russia High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 71. Middle East & Africa High Precision RTK GNSS Modules Sales Market Share by Country (2020-2025)
Figure 72. Middle East & Africa High Precision RTK GNSS Modules Sales Market Share by Type (2020-2025)
Figure 73. Middle East & Africa High Precision RTK GNSS Modules Sales Market Share by Application (2020-2025)
Figure 74. Egypt High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 75. South Africa High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 76. Israel High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 77. Turkey High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 78. GCC Countries High Precision RTK GNSS Modules Revenue Growth 2020-2025 ($ millions)
Figure 79. Manufacturing Cost Structure Analysis of High Precision RTK GNSS Modules in 2025
Figure 80. Manufacturing Process Analysis of High Precision RTK GNSS Modules
Figure 81. Industry Chain Structure of High Precision RTK GNSS Modules
Figure 82. Channels of Distribution
Figure 83. Global High Precision RTK GNSS Modules Sales Market Forecast by Region (2026-2031)
Figure 84. Global High Precision RTK GNSS Modules Revenue Market Share Forecast by Region (2026-2031)
Figure 85. Global High Precision RTK GNSS Modules Sales Market Share Forecast by Type (2026-2031)
Figure 86. Global High Precision RTK GNSS Modules Revenue Market Share Forecast

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by Type (2026-2031)
Figure 87. Global High Precision RTK GNSS Modules Sales Market Share Forecast by Application (2026-2031)
Figure 88. Global High Precision RTK GNSS Modules Revenue Market Share Forecast by Application (2026-2031)

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