

Global Smart AntennaMarket Size study, byApplication (Cellular Systems, WiMAX Systems, Wi- Fi Systems, RADAR Systems), By Technology (SIMO, MIMO, MISO)and Regional Forecasts 2022-2028

<https://marketpublishers.com/r/GF6D0ECAB56CEN.html>

Date: June 2022

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GF6D0ECAB56CEN

Abstracts

Global Smart AntennaMarket is valued at approximately XX in 2021 and is anticipated to grow with a healthy growth rate of more than xx% over the forecast period 2022-2028. The term smart antenna refers to any array or antenna that can adapt or adjust its beam pattern based on a predefined criterion. The diversity effect involves the reception and transmission of multiple radio frequency waves in order to reduce error rates and increase data speed. They increase capacity while allowing the transmission of multiple data streams from different antennas, reduce interferences, and have the ability to improve link quality by overcoming the effect of multi path propagation. As a result, these antennas provide advantages such as increased capacity, spectral efficiency, and expanded coverage and range. Smart antennas are now being used in industries other than the traditional spectrum. Smart antenna use cases have grown exponentially, putting a heavy reliance on the market all over the world. In addition to mainstream industries, the smart manufacturing market caters to niche industries. Hemisphere GNSS, for example, signed a distribution agreement with Volvo Construction Equipment in April 2022 to distribute their new S631 GNSS smart antennas with control and data transfer solutions to construction companies. however, manufacture of smart antennas was hampered by lockdowns and industrial shutdowns. However, the market has taken advantage of the crisis to expand into previously untouched regions. The market has also introduced future frequency compatibility, making its products more durable and enticing.

The key regions considered for the global Smart Antennamarketstudy includeAsia Pacific, North America, Europe, Latin America, and Rest of the World.North America

holds the biggest market share due to high smartphone penetration and high-level 5G smart antenna requirements, the region is functioning well. Because of early adoption, the industry has a well-established foundation of important companies in North America. Rapid technological development and implementation have also resulted in high year-over-year performance in North America. Whereas, Asia Pacific is predicted to be the fastest-growing regional market, the developing countries offer several potentials for the market to grow at a reasonable cost. As the Asia Pacific region remains largely undeveloped, there are several new entrants and companies entering the industry. Governments in this region additionally provide different tax and industrial benefits to the market, further supporting its expansion.

Major market players included in this report are:

Airgain, Inc.

Broadcom Inc.

Intel Corporation

Linx Technologies

Motorola Solutions, Inc.

Qualcomm Technologies, Inc.

Sierra Wireless

Telstra

Texas Instruments Incorporated

Trimble, Inc.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

SIMO

MIMO

MISO

By Application:

Wi-Fi Systems

WiMAX Systems

Cellular Systems
RADAR Systems

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Smart AntennaMarket in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers
Investment bankers
Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Billion)
 - 1.2.1. Smart Antenna Market, by Region, 2020-2028 (USD Billion)
 - 1.2.2. Smart Antenna Market, by Application, 2020-2028 (USD Billion)
 - 1.2.3. Smart Antenna Market, by Technology, 2020-2028 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL SMART ANTENNA MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL SMART ANTENNA MARKET DYNAMICS

- 3.1. Smart Antenna Market Impact Analysis (2020-2028)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increase in the use of wireless communication
 - 3.1.1.2. Rise in the demand for a smart antenna in smartphones
 - 3.1.2. Market Challenges
 - 3.1.2.1. High manufacturing cost
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Need for high-speed communication

CHAPTER 4. GLOBAL SMART ANTENNA MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants

- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2028)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL SMART ANTENNA MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Smart Antenna Market by Application, Performance - Potential Analysis
- 6.3. Global Smart Antenna Market Estimates & Forecasts by Application, 2018-2028 (USD Billion)
- 6.4. Smart Antenna Market, Sub Segment Analysis
 - 6.4.1. Wi-Fi Systems
 - 6.4.2. WiMAX Systems
 - 6.4.3. Cellular Systems
 - 6.4.4. RADAR Systems

CHAPTER 7. GLOBAL SMART ANTENNA MARKET, BY TECHNOLOGY

- 7.1. Market Snapshot
- 7.2. Global Smart Antenna Market by Technology, Performance - Potential Analysis
- 7.3. Global Smart Antenna Market Estimates & Forecasts by Technology, 2018-2028 (USD Billion)
- 7.4. Smart Antenna Market, Sub Segment Analysis
 - 7.4.1. SIMO
 - 7.4.2. MIMO

7.4.3. MISO

CHAPTER 8. GLOBAL SMART ANTENNA MARKET, REGIONAL ANALYSIS

8.1. Smart Antenna Market, Regional Market Snapshot

8.2. North America Smart Antenna Market

8.2.1. U.S. Smart Antenna Market

8.2.1.1. Application breakdown estimates & forecasts, 2018-2028

8.2.1.2. Technology breakdown estimates & forecasts, 2018-2028

8.2.2. Canada Smart Antenna Market

8.3. Europe Smart Antenna Market Snapshot

8.3.1. U.K. Smart Antenna Market

8.3.2. Germany Smart Antenna Market

8.3.3. France Smart Antenna Market

8.3.4. Spain Smart Antenna Market

8.3.5. Italy Smart Antenna Market

8.3.6. Rest of Europe Smart Antenna Market

8.4. Asia-Pacific Smart Antenna Market Snapshot

8.4.1. China Smart Antenna Market

8.4.2. India Smart Antenna Market

8.4.3. Japan Smart Antenna Market

8.4.4. Australia Smart Antenna Market

8.4.5. South Korea Smart Antenna Market

8.4.6. Rest of Asia Pacific Smart Antenna Market

8.5. Latin America Smart Antenna Market Snapshot

8.5.1. Brazil Smart Antenna Market

8.5.2. Mexico Smart Antenna Market

8.6. Rest of The World Smart Antenna Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

9.1. Top Market Strategies

9.2. Company Profiles

9.2.1. Airgain, Inc.

9.2.1.1. Key Information

9.2.1.2. Overview

9.2.1.3. Financial (Subject to Data Availability)

9.2.1.4. Product Summary

9.2.1.5. Recent Developments

- 9.2.2. Broadcom Inc.
- 9.2.3. Intel Corporation
- 9.2.4. Linx Technologies
- 9.2.5. Motorola Solutions, Inc.
- 9.2.6. Qualcomm Technologies, Inc.
- 9.2.7. Sierra Wireless
- 9.2.8. Telstra
- 9.2.9. Texas Instruments Incorporated
- 9.2.10. Trimble, Inc.

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Smart Antenna Market, report scope

TABLE 2. Global Smart Antenna Market estimates & forecasts by Region 2018-2028 (USD Billion)

TABLE 3. Global Smart Antenna Market estimates & forecasts by Application 2018-2028 (USD Billion)

TABLE 4. Global Smart Antenna Market estimates & forecasts by Technology 2018-2028 (USD Billion)

TABLE 5. Global Smart Antenna Market by segment, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 6. Global Smart Antenna Market by region, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 7. Global Smart Antenna Market by segment, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 8. Global Smart Antenna Market by region, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 9. Global Smart Antenna Market by segment, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 10. Global Smart Antenna Market by region, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 11. Global Smart Antenna Market by segment, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 12. Global Smart Antenna Market by region, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 13. Global Smart Antenna Market by segment, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 14. Global Smart Antenna Market by region, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 15. U.S. Smart Antenna Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 16. U.S. Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 17. U.S. Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 18. Canada Smart Antenna Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 19. Canada Smart Antenna Market estimates & forecasts by segment

2018-2028 (USD Billion)

TABLE 20. Canada Smart Antenna Market estimates & forecasts by segment

2018-2028 (USD Billion)

TABLE 21. UK Smart Antenna Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 22. UK Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 23. UK Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 24. Germany Smart Antenna Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 25. Germany Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 26. Germany Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 27. RoE Smart Antenna Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 28. RoE Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 29. RoE Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 30. China Smart Antenna Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 31. China Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 32. China Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 33. India Smart Antenna Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 34. India Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 35. India Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 36. Japan Smart Antenna Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 37. Japan Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 38. Japan Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 39. RoAPAC Smart Antenna Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 40. RoAPAC Smart Antenna Market estimates & forecasts by segment

2018-2028 (USD Billion)

TABLE 41. RoAPAC Smart Antenna Market estimates & forecasts by segment

2018-2028 (USD Billion)

TABLE 42. Brazil Smart Antenna Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 43. Brazil Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 44. Brazil Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 45. Mexico Smart Antenna Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 46. Mexico Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 47. Mexico Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 48. RoLA Smart Antenna Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 49. RoLA Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 50. RoLA Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 51. Row Smart Antenna Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 52. Row Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 53. Row Smart Antenna Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 54. List of secondary sources, used in the study of global Smart Antenna Market

TABLE 55. List of primary sources, used in the study of global Smart Antenna Market

TABLE 56. Years considered for the study

TABLE 57. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Smart Antenna Market, research methodology
- FIG 2. Global Smart Antenna Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Smart Antenna Market, key trends 2021
- FIG 5. Global Smart Antenna Market, growth prospects 2022-2028
- FIG 6. Global Smart Antenna Market, porters 5 force model
- FIG 7. Global Smart Antenna Market, pest analysis
- FIG 8. Global Smart Antenna Market, value chain analysis
- FIG 9. Global Smart Antenna Market by segment, 2018 & 2028 (USD Billion)
- FIG 10. Global Smart Antenna Market by segment, 2018 & 2028 (USD Billion)
- FIG 11. Global Smart Antenna Market by segment, 2018 & 2028 (USD Billion)
- FIG 12. Global Smart Antenna Market by segment, 2018 & 2028 (USD Billion)
- FIG 13. Global Smart Antenna Market by segment, 2018 & 2028 (USD Billion)
- FIG 14. Global Smart Antenna Market, regional snapshot 2018 & 2028
- FIG 15. North America Smart Antenna Market 2018 & 2028 (USD Billion)
- FIG 16. Europe Smart Antenna Market 2018 & 2028 (USD Billion)
- FIG 17. Asia Pacific Smart Antenna Market 2018 & 2028 (USD Billion)
- FIG 18. Latin America Smart Antenna Market 2018 & 2028 (USD Billion)
- FIG 19. Global Smart Antenna Market, company Market share analysis (2021)

I would like to order

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