

# **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**

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## **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

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