

Global Automotive Smart Antenna Market Size study & Forecast, by Frequency (High Frequency, Very High Frequency, Ultra-High Frequency), by Component (Transceivers, Electronic control unit, Wiring harness, Others), by Vehicle Type (ICE Vehicle, Electric Vehicle) and Regional Analysis, 2023-2030

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Abstracts

Global Automotive Smart Antenna Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% during the forecast period 2023-2030. Automotive Smart Antenna is an advanced and integrated antenna system used in vehicles to enhance communication, connectivity, and navigation capabilities. Despite conventional antennas, which could have a single use (such as an AM/FM radio or GPS unit), smart antennas are made to enable several uses by combining several technologies. Moreover, the rising demand for connected vehicles, growing integration of advanced infotainment systems, and increasing demand for electric vehicles are anticipated to create the lucrative demand for the market during the forecast period 2023-2030.

Additionally, the automotive industry is experiencing a significant increase in the demand for connected vehicles. Consumers expect seamless connectivity, entertainment, and access to various services while on the road. Smart antennas play a crucial role in enabling the connectivity features required for connected cars. According to Statista, in 2020 the global Connected Cars Market size was USD 55.56 billion, and the market is anticipated to reach USD 120.53 billion by 2025. As a result, the rising adoption of connected cars is anticipated to create a lucrative demand for the market. Moreover, the increasing adoption of 5G technology, and rising disposable income are anticipated to create lucrative opportunities for the market. However, the increase in

cybercrimes for vehicles equipped with connected car features stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Automotive Smart Antenna Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the growing consumer demand for connected vehicles, increased emphasis on vehicle safety, and growing advancements in 5G technology. Whereas, the Asia Pacific is expected to grow with the fastest growth rate over the forecast period, owing to factors such as the rapid urbanization, increasing adoption of electric and autonomous vehicles, growing emphasis on Vehicle-to-Everything (V2X) communication, and growing automotive industry.

Major market player included in this report are:

Hirschmann Car Communication GmbH

WISI Group

MD Elektronik GmbH

Ficosa International, S.A.

West Corporation

Ace Technologies Corp.

Laird Connectivity

Continental AG

Antenova Limited

Airgain Inc.

Recent Developments in the Market:

In January 2022, MGW, a company renowned for its expertise in visualizing electromagnetic waves and conducting precise testing of antennas and wireless

connectivity, has unveiled intentions to supply automotive antenna measurement tools to SGS, a prominent testing and certification enterprise.

Global Automotive Smart Antenna Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Frequency, Component, Vehicle Type, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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 Frequency:

High Frequency

Very High Frequency

Ultra-High Frequency

By Component:

Transceivers,

Electronic control unit

Wiring harness

Others

By Vehicle Type:

ICE Vehicle

Electric Vehicle

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

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