

# Automotive Smart Antenna Market to reach \$6.36 billion by 2031, driven by safety features and connected car apps.

*Automotive Smart Antenna Market Size, Share, Growth Factors, Outlook and Industry Scope, Forecast 2024 to 2031*

AUSTIN, TEXAS, UNITED STATES, June 7, 2024 /EINPresswire.com/ -- The Automotive Smart Antenna Market Size was valued at USD 2.8 billion in 2023 and is expected to reach USD 6.36 billion by 2031 and grow at a CAGR of 10.8% over the forecast period (2024-2031).



## Market Drivers

The automotive smart antenna market is fueled by a confluence of factors that hinge on the ever-increasing demand for connected and intelligent vehicles. The growing focus on safety features is a key driver. Smart antennas enable advanced driver-assistance systems (ADAS) like blind-spot monitoring and lane departure warnings by providing reliable connectivity for data transmission. Secondly, the proliferation of cellular applications in connected vehicles is propelling the market. These applications, ranging from navigation and infotainment to remote diagnostics and emergency services, all rely on seamless connectivity that smart antennas facilitate. Additionally, the rise of electric vehicles (EVs) is creating further opportunities. EVs often integrate a wider range of electronic features, placing a premium on efficient antenna solutions that smart antennas provide. Lastly, the growing adoption of V2X (Vehicle-to-Everything) communication, which allows vehicles to communicate with each other and roadside infrastructure, necessitates the superior performance capabilities of smart antennas. These factors combined are creating a robust market for automotive smart antennas.

Get a Free Sample PDF Copy of the Latest Research @ <https://www.snsinsider.com/sample-request/2063>

## Segment Analysis

## Based on Vehicle Type

The automotive smart antenna market caters to passenger cars, commercial vehicles, and electric vehicles. Currently, passenger cars hold the largest market share, reflecting their dominance in personal transportation. These vehicles have revolutionized mobility, offering individuals freedom and convenience. They contribute roughly half of the global smart antenna market revenue, with China and the United States leading the pack, followed by Europe. However, the electric vehicle (EV) segment is rapidly changing the landscape. EVs are driving the market's fastest growth due to several reasons. First, EVs tend to be packed with electronic features compared to traditional gasoline cars. Smart antennas play a vital role in optimizing antenna solutions for these feature-rich EVs. Second, the growing adoption of V2X communication technology, which allows vehicles to talk to each other and surrounding infrastructure, necessitates the superior performance that smart antennas provide. As the EV market continues its rapid ascent, the demand for smart antennas in this segment is expected to surpass that of passenger cars in the coming years. This shift highlights the evolving automotive industry and the growing importance of smart antenna technology for the future of connected and intelligent vehicles.

## By Sales Channel

OEM (Original Equipment Manufacturer), OES (Original Equipment Supplier), and IAM (Independent Automotive Aftermarket) are the three primary sales channels that drive the automotive smart antenna market. OEMs are in the lead at the moment by directly integrating smart antennas into new cars, OEMs are able to set new benchmarks in technology and satisfy consumer demand for cutting-edge communication services. This guarantees optimal functionality and a smooth connection with the car's overall system. OEMs can take use of these cutting-edge parts to improve the features and functions of their vehicles by assuming control of the smart antenna at the first manufacturing phase.

## The economic impact of the war in Russia-Ukraine

The war in Russia-Ukraine creates a complex situation for the fire truck market. On one hand, there's a potential short-term surge in demand. Devastated Ukrainian fire departments will likely need to replace fire trucks destroyed in the conflict. However, the war's broader economic impact presents challenges. Disrupted supply chains due to sanctions and global instability can make fire truck parts more expensive and hinder production. Additionally, governments might divert budgets away from fire department upgrades to prioritize war efforts. Furthermore, insurance companies may be hesitant to cover fire truck purchases in war-torn regions, leading to delays in non-critical replacements. The net effect is a delicate balance between increased demand in specific areas and potential market stagnation or decline due to wider economic pressures.

## Regional Analysis

Asia-Pacific is poised to reign supreme in the fire truck market, followed by North America and Europe. This dominance is fueled by two key factors. Firstly, China, a major Asian player, boasts a booming fire truck manufacturing industry. Coupled with rising demand from developing economies like India, China, and South Korea for residential and commercial fire protection, this creates a powerful growth engine. However, a wrinkle exists in China's trade barriers, a consequence of economic friction with the US. These barriers inflate import costs and require Ministry of Finance approval, making it more challenging for international manufacturers to compete. India presents a promising counterpoint. The nation's rapid urbanization has ignited a surge in demand for fire trucks, particularly industrial-grade models with specialized foam-fighting capabilities for sectors like oil refineries and power plants. This demand is concentrated in major cities, attracting fire truck manufacturers who are actively collaborating and partnering to capitalize on this opportunity. As urbanization progresses, security awareness rises, and new fire truck models hit the market, India's fire truck market is expected to witness further significant growth.

Read More Information About Market @ <https://www.snsinsider.com/reports/automotive-smart-antenna-market-2063>

### Potential discoveries for the Automotive Smart Antenna Market

Some developing country is seeing growth in a particular frequency range, or there is a profitable chance in a certain electric vehicle niche market sector.

Sectors that require new smart antenna technologies by examining emerging developments, such as the arrival of self-driving cars or the possibility of 5G integration.

The car business is always changing. To have the insight to predict potential obstacles and possibilities

The major key players are

-Laird Connectivity

-Harada

-Hirschmann Car Communication

-Kathrein Automotive

-Continental AG

-Autotalks

-TE Connectivity

-Antenova

-Taoglas

-Yageo Corporation Harada Industry Co. Ltd

Brembo S.p.

-Robert Bosch Gmb HAISIN

-The Web CoNISSIN KOGYO Co.Ltd

### Recent Development

In August 2023 - TE Connectivity launched their FP20 and FP40 antennas, combining multiple functions like LTE/5G, Wi-Fi 6E/7, and Bluetooth. This simplifies car installations, minimizes roof clutter, and improves aesthetics. Passengers benefit from faster internet, reliable navigation, and smoother Bluetooth connections, all future-proofed with 5G and Wi-Fi 6E/7 support. These antennas are designed specifically for connected cars.

14 Nov 2023-ZF has showcased its latest innovation, a purely electric brake system, at the Next Generation Mobility Day in Shanghai. Developed at ZF's research centers in China, the USA, and Germany, this brake-by-wire system eliminates the need for hydraulic systems and brake fluid, offering new possibilities in design and development for the global market.

September 19, 2023-Brembo wants its new artificial intelligence-based braking system, Sensify, to set a new industry standard just as antilock braking did decades ago.

Want Detailed Insight on this Research, Drop your Enquiry Here @

<https://www.snsinsider.com/enquiry/2063>

Our Related Report

[Head-Up Display Market](#)

[Off-road Motorcycle Market](#)

[Automotive Infotainment Market](#)

Akash Anand

SNS Insider Pvt. Ltd  
+1 415-230-0044  
info@snsinsider.com

---

This press release can be viewed online at: <https://www.einpresswire.com/article/718154206>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2024 Newsmatics Inc. All Right Reserved.