

Car Security System Market Forecasts to 2030 – Global Analysis By System Type (Alarm Systems, Immobilizers, Central Locking Systems, Keyless Entry Systems and Biometric Systems), Vehicle Type (Economy Cars, Mid-Range Cars and Luxury Cars), Technology, Sales Channel and By Geography

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Abstracts

According to Statistics MRC, the Global Car Security System Market is accounted for \$13.4 billion in 2024 and is expected to reach \$22.7 billion by 2030 growing at a CAGR of 9.2% during the forecast period. A vehicle security system is a collection of devices and technologies designed to protect a vehicle from theft and unauthorized access. These systems typically include alarms, lockdown features, keyless entry, GPS tracking, and unauthorized sensors. The advanced system combines smartphone connectivity with remote control features, allowing users to remotely manage and protect their vehicles. By preventing possible thefts and providing real-time alerts, a vehicle security system enhances vehicle safety and provides peace of mind to vehicle owners.

According to the National Insurance Crime Bureau (NICB), the United States experienced 1,020,729 car thefts in 2023, a 1% increase over the prior year.

Market Dynamics:

Driver:

Increasing vehicle theft rates

The increasing rates of vehicle theft are a significant driver for the car security system market. As theft incidents rise, consumers and manufacturers alike prioritize enhanced security measures to protect vehicles. This demand fuels innovation and adoption of advanced security technologies such as alarms, immobilizers, and tracking systems. The need for effective deterrents and recovery solutions is critical, prompting both OEMs and aftermarket providers to integrate sophisticated security features, thereby driving market growth as vehicle owners seek to safeguard their investments.

Restraint:

High cost of advanced security systems

The high cost of advanced car security systems acts as a restraint on market growth. Sophisticated technologies such as biometric access, GPS tracking, and smart alarms can be expensive, making them less accessible to budget-conscious consumers. These costs can deter widespread adoption, particularly in emerging markets where price sensitivity is higher. Additionally, the expense associated with installation and maintenance further limits the appeal of these systems, potentially slowing market expansion despite the growing need for enhanced vehicle protection.

Opportunity:

Integration with smart home and IoT ecosystems

Integration with smart home and IoT ecosystems presents a significant opportunity for the car security system market. As connected technologies advance, there is potential to enhance vehicle security through seamless integration with home automation systems and IoT devices. This connectivity allows for real-time monitoring, remote access, and automated responses to security threats. By leveraging these synergies, manufacturers can offer comprehensive security solutions that appeal to tech-savvy consumers, driving increased adoption and creating new revenue streams.

Threat:

Cybersecurity risks

The integration of digital technologies exposes systems to potential cyberattacks that could compromise vehicle safety and user data. Ensuring robust cybersecurity measures is essential to maintaining consumer trust and system integrity. Failure to

address these risks can lead to vulnerabilities that undermine the effectiveness of security systems, posing significant challenges for manufacturers in safeguarding their products against evolving cyber threats.

Covid-19 Impact:

The COVID-19 pandemic initially slowed the car security system market due to disruptions in automotive production and reduced consumer spending on non-essential goods. However, as remote work increased vehicle idle times, concerns about theft rose, sustaining demand for security solutions. Post-pandemic recovery efforts are expected to further boost market growth as economic conditions stabilize.

The keyless entry systems segment is expected to be the largest during the forecast period

The keyless entry systems segment is expected to account for the largest market share during the forecast period due to its convenience and enhanced security features. These systems eliminate the need for traditional keys, reducing theft risk associated with physical key duplication. Their widespread adoption is driven by consumer preference for ease of use and integration with other vehicle technologies, solidifying their position as a dominant segment in the market.

The bluetooth technology segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the bluetooth technology segment is expected to witness the highest CAGR. This growth is fueled by increasing demand for wireless connectivity solutions that enhance user convenience and interaction with vehicle systems. Bluetooth-enabled security features allow seamless integration with smartphones and other devices, offering remote access and control capabilities. As consumers seek more connected experiences, this segment's rapid expansion is anticipated.

Region with largest share:

The North America region is anticipated to account for the largest market share during the forecast period due to high vehicle ownership rates and strong consumer demand for advanced security features. The presence of leading automotive manufacturers and technology innovators further supports this dominance. Additionally, stringent regulations regarding vehicle safety contribute to widespread adoption of sophisticated

security systems across this region.

Region with highest CAGR:

The Asia Pacific region is anticipated to register the highest growth rate over the forecast period due to rapid urbanization and increasing disposable incomes driving vehicle sales. Growing awareness about vehicle safety and rising incidences of theft contribute to heightened demand for car security systems. As automotive markets in countries like China and India expand, Asia Pacific emerges as a key growth area in the global market landscape.

Key players in the market

Some of the key players in Car Security System Market include Robert Bosch GmbH, Continental AG, Lear Corporation, Aptiv PLC, Hella GmbH & Co., Denso Corporation, Valeo S.A., Marquardt GmbH, Alps Alpine Co., Ltd., Takairika Co., Ltd., Delphi Technologies, Viper Security, Tee-Kay Technologies Ltd., Magnetic Marelli, Johnson Controls International, Ficosa International, Tata Elxsi and Automotive Technologies, Inc.

Key Developments:

In October 2024, At the Paris Motor Show 2024, Valeo, a global leader in automotive technologies, and HERE Technologies (HERE), the leading location data and technology platform, will showcase for the first time a new version of Valeo's Smart Safety 360 (VSS 360) system that integrates a Navigation on Pilot (NOP) function. This function relies on a high-definition map, navigation and services experience for connected vehicles – with a turnkey or customizable Software-as-a-Service (SaaS) solution – provided by HERE.

In September 2024, the international automotive supplier FORVIA HELLA received ISO/SAE 21434:2021 certification for its Cyber Security Management System (CSMS). The ISO/SAE 21434:2021 reference standard is intended to further increase protection against external cyberattacks within the entire automotive sector in view of the increasing digitalization and connectivity of vehicles. Certification in accordance with ISO/SAE 21434 is therefore aimed at the safety of all electrical and, above all, electronic systems in all phases of the vehicle or product life cycle.

In August 2021, Alps Alpine Co., Ltd. has developed a Location Monitoring System for

car rental operators that use special onboard connected drive recorders for positioning. The system contributes to efficiency improvements by allowing operators to ascertain the location of rental vehicles in real time via a location management console. With demand for drive recorders growing, pairing them with the Location Monitoring System will help to reduce initial costs borne by customers.

System Types Covered:

Alarm Systems

Immobilizers

Central Locking Systems

Keyless Entry Systems

Biometric Systems

Vehicle Types Covered:

Economy Cars

Mid-Range Cars

Luxury Cars

Technologies Covered:

Global Positioning System (GPS)

Radio Frequency Identification (RFID)

Ultrasonic Sensors

Voice Recognition

Bluetooth Technology

GSM/Cellular Technology

Sales Channels Covered:

Original Equipment Manufacturers (OEMs)

Aftermarket

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2022, 2023, 2024, 2026, and 2030

- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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