

Global Connected Parking Solutions Market Growth (Status and Outlook) 2026-2032

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Abstracts

The global Connected Parking Solutions market size is predicted to grow from US\$ 736 million in 2025 to US\$ 1108 million in 2032; it is expected to grow at a CAGR of 6.1% from 2026 to 2032.

Connected Parking Solutions refer to a real-time, intelligent, and collaborative parking management and service system that integrates IoT sensing, mobile communication, cloud platforms, and data analytics technologies for city managers, parking lot operators, and drivers. Its core functions include vacancy detection and guidance, contactless payment, reservation booking, parking space sharing, and dynamic pricing. It collects parking space occupancy status data through sensors such as geomagnetic sensors, cameras, and radar, uploading the data to a cloud platform via 4G/5G and LoRa networks. After processing by AI algorithms, the data is distributed to mobile apps, in-vehicle navigation systems, or roadside guidance screens to guide users to park efficiently. It also supports integration with traffic signal systems, charging pile management, and the city's intelligent system to optimize the allocation of regional parking resources. The solution is typically delivered as a SaaS model, including an operations management backend, user-end applications, and equipment monitoring and maintenance modules. Essentially, it is a subsystem of smart transportation and smart cities, aiming to reduce parking search time and cruising emissions, improve parking space turnover and operational revenue, and ultimately alleviate urban static traffic congestion.

The global Connected Parking Solutions market exhibits a pattern of regional maturity and technological divergence. North America and Europe are relatively mature in terms of roadside parking sensor deployment, mobile payment, and city-level parking platforms, shifting their focus to dynamic pricing, carbon emission quantification, and

integrated charging and parking management. The Asia-Pacific region, centered on China, Japan, and South Korea, leverages 5G, video recognition, and high-position camera technologies to promote the deep integration of 'seamless parking' with urban smart city solutions. Southeast Asia and India, however, are still in the early stages of digital transformation of parking infrastructure. The current market situation is characterized by slowing growth in hardware sensors, with cloud platforms and SaaS services becoming the core growth drivers. Reservation and parking space sharing are rapidly increasing in penetration rates in core business districts. Future trends focus on AI-predicted parking availability, precise V2X-based guidance, and REITs-based operation of parking assets. Key obstacles include: high investment in the renovation of old parking lots, insufficient data standards and cross-platform interoperability, high costs for user privacy and data security compliance, and the challenge of public acceptance of dynamic pricing. Dynamically, the government has incorporated parking network connectivity into the mandatory standards for smart cities, promoting the NB-IoT transformation of roadside parking spaces; at the same time, the deep integration of new energy charging piles with parking spaces has driven the growth of orders for 'parking and charging integration' solutions, and insurance, navigation and real estate developers are accelerating their entry into the field of parking data asset operation.

LPI (LP Information)' newest research report, the 'Connected Parking Solutions Industry Forecast' looks at past sales and reviews total world Connected Parking Solutions sales in 2025, providing a comprehensive analysis by region and market sector of projected Connected Parking Solutions sales for 2026 through 2032. With Connected Parking Solutions sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Connected Parking Solutions industry.

This Insight Report provides a comprehensive analysis of the global Connected Parking Solutions landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on Connected Parking Solutions portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Connected Parking Solutions market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Connected Parking Solutions and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-

up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Connected Parking Solutions.

This report presents a comprehensive overview, market shares, and growth opportunities of Connected Parking Solutions market by product type, application, key players and key regions and countries.

Segmentation by Type:

Angle Parking

Perpendicular Parking

Parallel Parking

Segmentation by Technology Perception Solution:

Geomagnetic Sensor Solutions

Video Recognition Solutions

Radar/Ultrasonic Solutions

Others

Segmentation by Precision:

High Precision (>99.5%)

Ordinary Precision (95%-99%)

Basic Precision (

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