

# **Global Smart Parking Market Size study & Forecast, by Type (Off-street, On-street), by Technology (IoT, Ultrasonic, RFID), by Application (Security & surveillance, Smart payment systems, E-parking, License plate recognition), by End User (Commercial, Government) and Regional Analysis, 2023-2030**

<https://marketpublishers.com/r/G41CAC4824DEEN.html>

Date: July 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G41CAC4824DEEN

## **Abstracts**

Global Smart Parking Market is valued at approximately USD 8.6 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 12.6% over the forecast period 2023-2030. The smart parking market refers to the industry and technologies involved in the development and implementation of intelligent parking solutions that utilize advanced sensors, data analytics, and connectivity to optimize parking space utilization, improve traffic flow, and enhance the overall parking experience. The Smart Parking Market is being driven by factors such as Increased parking concern across the globe due to rapid urbanization and increase in number of vehicles.

The global burden of vehicles is on the rise due to the increasing pace of urbanization. As more people migrate to cities and urban areas, the demand for personal vehicles has been steadily growing. According to International Organization of Motor Vehicle Manufacturers total vehicle production in 2021 was 80,250,102 units and in 2022 was 8,50,16,728 . Along that rising urbanization also driving the market According to the United Nations Population Fund (UNFPA) in 2022, the world is witnessing an unprecedented surge in urban expansion. The global population is expected to rise to approximately 5 billion by 2030, with over half already residing in urban areas. Thus, rising production in vehicle production and rising urbanization fueling the growth of the market. In addition to Rise in investment on building driverless vehicles and Government initiatives in building smart cities across the globe create lucrative

opportunities for the market. However, High implementation cost & configuration complexity and Low rate of internet penetration in developing regions may hinder the growth of the market throughout the forecast period of 2023-2030.

The key regions considered for the Global Smart Parking Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the increasing adoption of smart city initiatives and many public-private collaborative efforts along with that region has several highly populated cities with significant urbanization. As cities become more crowded, parking spaces become limited, leading to an increased demand for efficient parking management solutions. Asia Pacific is considered as the fastest growing region during the forecasted period due to the increasing focus of regional governments on improving parking management and reducing air pollution & traffic congestion.

Major market player included in this report are:

Amano McGann, Inc.  
Continental AG  
Dongyang Menics Co., Ltd  
SERVICIOS CONDUMEX, SA  
IPS Group Inc.  
Klaus Multiparking Systems  
Robert Bosch GmbH  
Smart Parking Limited  
Swarco AG  
Urbiotica

Recent Developments in the Market:

In July 2021, Westfalia Parking launched an integrated consumer parking solution, the Westfalia Parking app, to increase the efficiency and safety of automated parking facilities. This application offers a contactless experience with a vehicle tracking facility. This application allows the driver to call their vehicles from home, hotel, or office, facilitating a contactless experience.

Global Smart Parking 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 -Type, Technology, Application, End User, 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 Type:

Off-street

On-street

By Technology:

IoT

Ultrasonic

RFID

By Application:

Security & surveillance

Smart payment systems

E-parking

License plate recognition

By End User:

Commercial

Government

**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

**Middle East & Africa**

Saudi Arabia

South Africa

Rest of Middle East &amp; Africa

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
  - 1.2.1. Smart Parking Market, by Region, 2020-2030 (USD Billion)
  - 1.2.2. Smart Parking Market, by Type, 2020-2030 (USD Billion)
  - 1.2.3. Smart Parking Market, by Technology, 2020-2030 (USD Billion)
  - 1.2.4. Smart Parking Market, by Application, 2020-2030 (USD Billion)
  - 1.2.5. Smart Parking Market, by End User, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL SMART PARKING MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Industry Evolution
  - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### CHAPTER 3. GLOBAL SMART PARKING MARKET DYNAMICS

- 3.1. Smart Parking Market Impact Analysis (2020-2030)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increased parking concern across the globe
    - 3.1.1.2. Increase in number of vehicles
  - 3.1.2. Market Challenges
    - 3.1.2.1. High implementation cost & configuration complexity
    - 3.1.2.2. Low rate of internet penetration in developing regions
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Rise in investment on building driverless vehicles
    - 3.1.3.2. Government initiatives in building smart cities across the globe.

### CHAPTER 4. GLOBAL SMART PARKING MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL SMART PARKING MARKET, BY TYPE**

- 5.1. Market Snapshot
- 5.2. Global Smart Parking Market by Type, Performance - Potential Analysis
- 5.3. Global Smart Parking Market Estimates & Forecasts by Type 2020-2030 (USD Billion)
- 5.4. Smart Parking Market, Sub Segment Analysis
  - 5.4.1. Off-street
  - 5.4.2. On-street

## **CHAPTER 6. GLOBAL SMART PARKING MARKET, BY TECHNOLOGY**

- 6.1. Market Snapshot
- 6.2. Global Smart Parking Market by Technology, Performance - Potential Analysis
- 6.3. Global Smart Parking Market Estimates & Forecasts by Technology 2020-2030 (USD Billion)
- 6.4. Smart Parking Market, Sub Segment Analysis
  - 6.4.1. IoT

6.4.2. Ultrasonic

6.4.3. RFID

## **CHAPTER 7. GLOBAL SMART PARKING MARKET, BY APPLICATION**

7.1. Market Snapshot

7.2. Global Smart Parking Market by Application, Performance - Potential Analysis

7.3. Global Smart Parking Market Estimates & Forecasts by Application 2020-2030 (USD Billion)

7.4. Smart Parking Market, Sub Segment Analysis

7.4.1. Security & surveillance

7.4.2. Smart payment systems

7.4.3. E-parking

7.4.4. License plate recognition

## **CHAPTER 8. GLOBAL SMART PARKING MARKET, BY END USER**

8.1. Market Snapshot

8.2. Global Smart Parking Market by End User, Performance - Potential Analysis

8.3. Global Smart Parking Market Estimates & Forecasts by End User 2020-2030 (USD Billion)

8.4. Smart Parking Market, Sub Segment Analysis

8.4.1. Commercial

8.4.2. Government

## **CHAPTER 9. GLOBAL SMART PARKING MARKET, REGIONAL ANALYSIS**

9.1. Top Leading Countries

9.2. Top Emerging Countries

9.3. Smart Parking Market, Regional Market Snapshot

9.4. North America Smart Parking Market

9.4.1. U.S. Smart Parking Market

9.4.1.1. Type breakdown estimates & forecasts, 2020-2030

9.4.1.2. Technology breakdown estimates & forecasts, 2020-2030

9.4.1.3. Application breakdown estimates & forecasts, 2020-2030

9.4.1.4. End User breakdown estimates & forecasts, 2020-2030

9.4.2. Canada Smart Parking Market

9.5. Europe Smart Parking Market Snapshot

9.5.1. U.K. Smart Parking Market

- 9.5.2. Germany Smart Parking Market
- 9.5.3. France Smart Parking Market
- 9.5.4. Spain Smart Parking Market
- 9.5.5. Italy Smart Parking Market
- 9.5.6. Rest of Europe Smart Parking Market
- 9.6. Asia-Pacific Smart Parking Market Snapshot
  - 9.6.1. China Smart Parking Market
  - 9.6.2. India Smart Parking Market
  - 9.6.3. Japan Smart Parking Market
  - 9.6.4. Australia Smart Parking Market
  - 9.6.5. South Korea Smart Parking Market
  - 9.6.6. Rest of Asia Pacific Smart Parking Market
- 9.7. Latin America Smart Parking Market Snapshot
  - 9.7.1. Brazil Smart Parking Market
  - 9.7.2. Mexico Smart Parking Market
- 9.8. Middle East & Africa Smart Parking Market
  - 9.8.1. Saudi Arabia Smart Parking Market
  - 9.8.2. South Africa Smart Parking Market
  - 9.8.3. Rest of Middle East & Africa Smart Parking Market

## **CHAPTER 10. COMPETITIVE INTELLIGENCE**

- 10.1. Key Company SWOT Analysis
  - 10.1.1. Company
  - 10.1.2. Company
  - 10.1.3. Company
- 10.2. Top Market Strategies
- 10.3. Company Profiles
  - 10.3.1. Amano McGann, Inc.
    - 10.3.1.1. Key Information
    - 10.3.1.2. Overview
    - 10.3.1.3. Financial (Subject to Data Availability)
    - 10.3.1.4. Product Summary
    - 10.3.1.5. Recent Developments
  - 10.3.2. Continental AG
  - 10.3.3. Dongyang Menics Co., Ltd
  - 10.3.4. SERVICIOS CONDUMEX, SA
  - 10.3.5. IPS Group Inc.
  - 10.3.6. Klaus Multiparking Systems



- 10.3.7. Robert Bosch GmbH
- 10.3.8. Smart Parking Limited
- 10.3.9. Swarco AG
- 10.3.10. Urbiotica

## **CHAPTER 11. RESEARCH PROCESS**

- 11.1. Research Process
  - 11.1.1. Data Mining
  - 11.1.2. Analysis
  - 11.1.3. Market Estimation
  - 11.1.4. Validation
  - 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Smart Parking Market, report scope

TABLE 2. Global Smart Parking Market estimates & forecasts by Region 2020-2030  
(USD Billion)

TABLE 3. Global Smart Parking Market estimates & forecasts by Type 2020-2030 (USD  
Billion)

TABLE 4. Global Smart Parking Market estimates & forecasts by Technology  
2020-2030 (USD Billion)

TABLE 5. Global Smart Parking Market estimates & forecasts by Application 2020-2030  
(USD Billion)

TABLE 6. Global Smart Parking Market estimates & forecasts by End User 2020-2030  
(USD Billion)

TABLE 7. Global Smart Parking Market by segment, estimates & forecasts, 2020-2030  
(USD Billion)

TABLE 8. Global Smart Parking Market by region, estimates & forecasts, 2020-2030  
(USD Billion)

TABLE 9. Global Smart Parking Market by segment, estimates & forecasts, 2020-2030  
(USD Billion)

TABLE 10. Global Smart Parking Market by region, estimates & forecasts, 2020-2030  
(USD Billion)

TABLE 11. Global Smart Parking Market by segment, estimates & forecasts, 2020-2030  
(USD Billion)

TABLE 12. Global Smart Parking Market by region, estimates & forecasts, 2020-2030  
(USD Billion)

TABLE 13. Global Smart Parking Market by segment, estimates & forecasts, 2020-2030  
(USD Billion)

TABLE 14. Global Smart Parking Market by region, estimates & forecasts, 2020-2030  
(USD Billion)

TABLE 15. Global Smart Parking Market by segment, estimates & forecasts, 2020-2030  
(USD Billion)

TABLE 16. Global Smart Parking Market by region, estimates & forecasts, 2020-2030  
(USD Billion)

TABLE 17. U.S. Smart Parking Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 18. U.S. Smart Parking Market estimates & forecasts by segment 2020-2030  
(USD Billion)

TABLE 19. U.S. Smart Parking Market estimates & forecasts by segment 2020-2030

(USD Billion)

TABLE 20. Canada Smart Parking Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 21. Canada Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 22. Canada Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23. UK Smart Parking Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 24. UK Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 25. UK Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26. Germany Smart Parking Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 27. Germany Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 28. Germany Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29. France Smart Parking Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 30. France Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 31. France Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32. Italy Smart Parking Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 33. Italy Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 34. Italy Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35. Spain Smart Parking Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 36. Spain Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 37. Spain Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38. RoE Smart Parking Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 39. RoE Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 40. RoE Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 41. China Smart Parking Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 42. China Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 43. China Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 44. India Smart Parking Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 45. India Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 46. India Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47. Japan Smart Parking Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 48. Japan Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 49. Japan Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50. South Korea Smart Parking Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 51. South Korea Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 52. South Korea Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53. Australia Smart Parking Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 54. Australia Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 55. Australia Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56. RoAPAC Smart Parking Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 57. RoAPAC Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 58. RoAPAC Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59. Brazil Smart Parking Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 60. Brazil Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Brazil Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 62. Mexico Smart Parking Market estimates & forecasts, 2020-2030 (USD

Billion)

TABLE 63. Mexico Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. Mexico Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 65. RoLA Smart Parking Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 66. RoLA Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. RoLA Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 68. Saudi Arabia Smart Parking Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 69. South Africa Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. RoMEA Smart Parking Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 71. List of secondary sources, used in the study of global Smart Parking Market

TABLE 72. List of primary sources, used in the study of global Smart Parking Market

TABLE 73. Years considered for the study

TABLE 74. Exchange rates considered

List of tables and figures are dummy in nature, final lists may vary in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Smart Parking Market, research methodology
  - FIG 2. Global Smart Parking Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Smart Parking Market, key trends 2022
  - FIG 5. Global Smart Parking Market, growth prospects 2023-2030
  - FIG 6. Global Smart Parking Market, porters 5 force model
  - FIG 7. Global Smart Parking Market, pest analysis
  - FIG 8. Global Smart Parking Market, value chain analysis
  - FIG 9. Global Smart Parking Market by segment, 2020 & 2030 (USD Billion)
  - FIG 10. Global Smart Parking Market by segment, 2020 & 2030 (USD Billion)
  - FIG 11. Global Smart Parking Market by segment, 2020 & 2030 (USD Billion)
  - FIG 12. Global Smart Parking Market by segment, 2020 & 2030 (USD Billion)
  - FIG 13. Global Smart Parking Market by segment, 2020 & 2030 (USD Billion)
  - FIG 14. Global Smart Parking Market, regional snapshot 2020 & 2030
  - FIG 15. North America Smart Parking Market 2020 & 2030 (USD Billion)
  - FIG 16. Europe Smart Parking Market 2020 & 2030 (USD Billion)
  - FIG 17. Asia pacific Smart Parking Market 2020 & 2030 (USD Billion)
  - FIG 18. Latin America Smart Parking Market 2020 & 2030 (USD Billion)
  - FIG 19. Middle East & Africa Smart Parking Market 2020 & 2030 (USD Billion)
- List of tables and figures are dummy in nature, final lists may vary in the final deliverable

## I would like to order

Product name: Global Smart Parking Market Size study & Forecast, by Type (Off-street, On-street), by Technology (IoT, Ultrasonic, RFID), by Application (Security & surveillance, Smart payment systems, E-parking, License plate recognition), by End User (Commercial, Government) and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G41CAC4824DEEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G41CAC4824DEEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970