

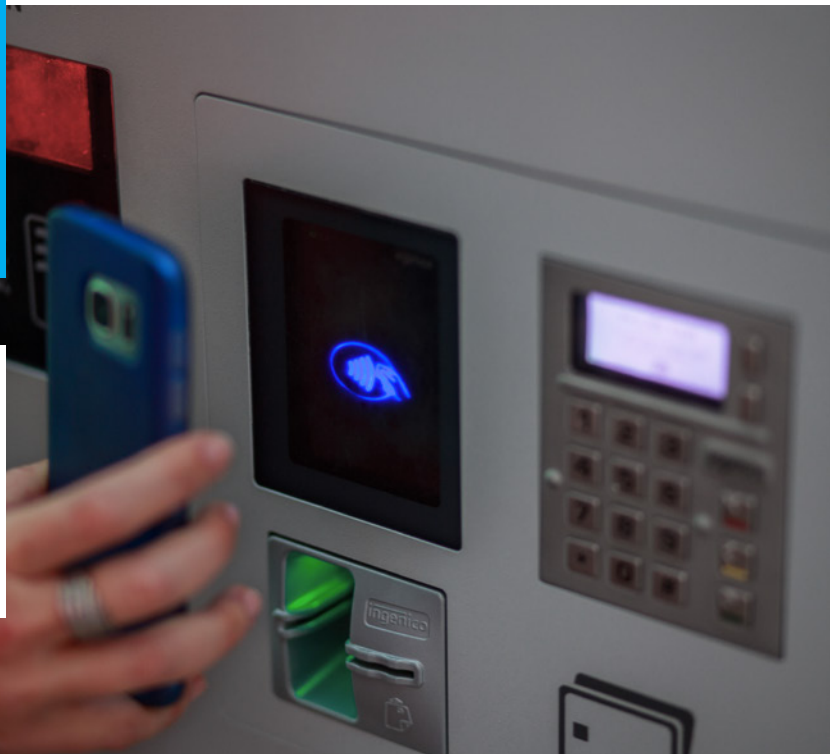


**PKM**

**STANDARD  
OFF STREET  
PARKING  
SOLUTIONS.**

**CAME   
PARKARE**

[CAME.COM/PARKARE](http://CAME.COM/PARKARE)





**CAME,  
THE GLOBAL  
PARTNER.**

# FOREVER INNOVATORS

In almost 70 years of passion, of investing in new technologies, we at CAME Group, thanks to the trust conferred to us by our customers, have become a **go-to brand and a global partner for integrated solutions engineered for automating, controlling and securing residential, public and urban spaces, resulting in intelligent and healthy living and working spaces for people.**

We have built quality relationships with many professional installers, that carry forward CAME's values, bringing innovation into the lives of our customers around the world. Our evolution translates into solutions on behalf people. Our technology becomes strategic for defining scenarios of a new way of thinking about and living in the future.



## ALWAYS ONE-STEP-AHEAD

We are a leading brand in the design of integrated solutions for the automation, control and security of residential, public and urban settings, which generate intelligent spaces for people's well-being. Our continuous growth is also due to the acquisition of new companies that have allowed us to implement the extension of our product lines and the scale of the possibilities offered.

The Group's solutions range from entrance automations to video entry systems, from temperature control systems to home automation, from awnings and rolling shutters automations to sectional garage doors and industrial doors. We also offer solutions for the management of automatic parking facilities, turnstiles for pedestrian access control and road barriers, automatic bollards and road blockers for vehicular access control and high security. Today we have a unique and distinctive corporate vision that makes our company an innovative and reliable technology partner.



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CAME  ÖZAK

CAME  KMS

CAME  NEPOS

CAME  ENTROTEC

# CONTENTS

**05**

CAME PARKARE

**06**

PKM  
Standard off street  
parking solutions

**09**

CAME PARKARE  
Smart City

**10**

Management  
and control software

**14**

OPTIMA  
Vehicle guidance  
system

**16**

License plate  
recognition system

**18**

Touch-free  
solution



# CAME PARKARE

CAME PARKARE, part of the CAME Group, is a brand specialising in sustainable urban mobility. Thanks to its experience and constant investment in innovation and development, CAME PARKARE operates within the Group as a provider of complete solutions for the control and management of car parks.

One of the biggest challenges facing modern society is how we handle mobility. We offer tech solutions that - as well as being innovative - meet the real needs of clients and contribute to the sustainability of the environment in which we live.

CAME PARKARE's solutions and wide range of products make it possible to manage large public spaces and urban areas in a safer, more effective way by optimising traffic flows, reducing congestion, increasing profitability for car park operators and helping public bodies to improve the quality of life of their citizens.

CAME PARKARE has centralised its R&D and production activities in Barcelona (Spain).





**STANDARD COLORS**

- 5368A0837
- RAL 9006

PKM is an intelligent solution designed to meet the needs of small and medium-sized car parks, delivering high performance while being compatible with tight budgets.



# PKM SYSTEM FEATURES

- Different payment systems available:  
Manual cashier  
Automatic payment station
- Low maintenance
- Color TFT screen for automatic payment stations
- LCD screen at entry/exit terminals
- Online discount validation system
- Cutting-edge tech solutions:  
QR Code, NFC, contactless payments etc.
- Standard printer with thermal paper role for 3,000 tickets

# MUCH MORE THAN AN AUTOMATIC PAYMENT STATION

The automatic payment station becomes a multi-service kiosk, acting as a manual cashier while offering products and services associated with the car park and with third-party companies, as well as enabling the application of promotions and discounts.

The PKM mid-range line is the smartest solution, delivering high performance while being compatible with tight budgets.



## MULTIPLE MEANS OF PAYMENT

- Cash
- EMV (Chip & PIN & Contactless)
- Mobile payment (via app \* or NFC using an EMV contactless reader)

\* Third-party app (to be added)

## SMART MANAGEMENT FOR ROTATION USERS AND SUBSCRIBERS

- Tickets with QR Code
- Proximity cards
- Smart cards
- Subscriber cards
- License plates

## INTEGRATED SOLUTIONS

- High-performance thermal printer for the issuing of tickets and products (optional)
- Remote operator assistance via video (optional)

## AVAILABLE IN THE CLOUD

The system can work in the Cloud, offering all the advantages that the technology offers.

## EASE OF MAINTENANCE

The system is designed without tools, meaning that all replaceable parts can be easily substituted.

## BESPOKE SERVICES AND PRODUCTS

- Tickets and products can be configured to suit specific needs: types of access, company pool groups, time slots etc.
- Discounts and commercial agreements (based on time, fee or time slot)
- Deferred payment for identified users to be charged fully or partially to external accounts
- Possibility to use the screen to promote promotional messages
- Stats on discounts and validations completed
- Possibility to integrate web reports, promotions etc.

## ENERGY SAVING

The automatic payment station is equipped with a presence sensor which prompts the screens to show welcome messages when a user is detected. When no user is detected, the system goes onto stand-by and displays a screen-saver, thus minimising energy consumption.

## TOTAL CONTROL

The system requires no direct supervision and is designed to be controlled centrally and remotely.





# CAME PARKARE SMART CITY

Nowadays, thinking smartly is about visualizing the city of the future, where the optimising of public spaces and better management of time and energy resources requires the adoption of tech synergies.

Our vision places technology at the disposal of citizens and public spaces,

transferring the economic and social benefits that derive from savings in terms of costs and travel time to society.

Connected products and spaces make it possible to manage time intelligently and use information on the city with the overall objective of creating economic wealth and social value.

## FLEXIBLE, PERSONALISABLE SOFTWARE

In order to meet the constantly evolving needs of end users, the software allows for the integration of services such as the ability buy added-value products (weekly/monthly passes and tickets for events and services) and pay with smartphones. It includes a database back-up, firewall and software that is constantly updated on an advanced hardware platform with high availability.

## LOYALTY SCHEMES AND PROMOTIONAL INITIATIVES

The system helps to build customer loyalty through promotions, discounts and loyalty cards. This can also be run in collaboration with different businesses in the area, such as hotels, shops and supermarkets.

## CREATION OF USERS PROFILES

The system can obtain and offer useful information on the habits of users, generate personalised reports and tap into the benefits of a shared system.



Automatic payment station

Entrance Terminal

Exit Terminal



Pedestrian Access Terminal



Manual cashier



GARD GT4

# MANAGEMENT AND CONTROL SOFTWARE

## LINCE WEB 7.0

Lince Web 7.0 is the revolutionary new version of the management and control software used for CAME PARKARE's parking systems. Thanks to its high level of flexibility and reliability, the software not only meets the current needs of our customers – but even anticipates their future requirements.

The versatile new Lince Web 7.0 user interface is responsive and can be used on a computer, tablet or smartphone. Designed to a high level in terms of both graphics and operating system, the software has a simple and intuitive management interface which succeeds in being elegant and modern at the same time.

Lince Web 7.0 is at the heart of a system that knits together all our parking products and systems, providing end users with a better parking experience and ensuring our customers maximise the returns of their businesses.

Thanks to the tireless work of our innovation and development department, we are constantly adding new characteristics and innovative technology to the Lince software, keeping us in step with a changing world that's becoming more global, integrated and smart than every before.

## RESPONSIVE DESIGN

Automatic adaptation to any kind of device.



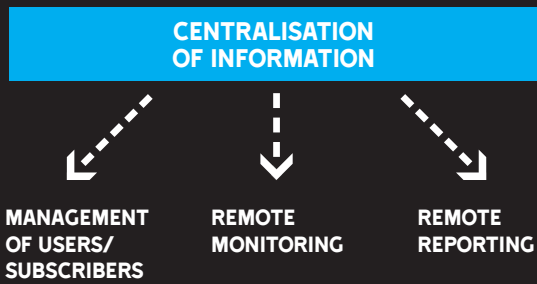
## MODES

The Lince Web 7.0 management and control software has two installation modes (**Local or Cloud**), ensuring we can better adapt to the real-world needs of each customer.

- **Local:** traditional installation of Lince Web 7.0 via a local server, delivering all the management and control benefits we offer.

- **Cloud:** Cloud-based installation of Lince Web 7.0, delivering all the additional benefits associated with the cloud, whether installed on the client's cloud system or on the CAME PARKARE specialist data center.

Multi-parking functionality is only available for cloud installation mode.



### WEB BROWSER

Access the parking systems from any browser, anywhere in the world.

### REAL-TIME MANAGEMENT

Monitoring, control and maintenance of car parks in real time.

### USER PROFILES

Different profiles based on roles (owner, accountancy, maintenance).

### REMOTE AUDITING AND UPDATES

Audit parking systems and update the various terminals on a remote basis.

### INTEGRATION SERVICES

Simple integration of third-party services such as promotions, discounts, reservations etc.

## PARKARE CLOUD ADVANTAGES

### NO MORE INVESTMENT IN SERVERS

We offer high availability in dedicated data centers.

### SERVICE CONTINUITY

Geo-redundancy of data and servers.

### AUTOMATIC SCALABILITY

The software allows increased power during times of peak demand (automatic vertical scalability). Increase online servers during times of peak demand (automatic horizontal scalability).

### COMPLETE ASSISTANCE AND SERVICE

All maintenance and updates of cloud servers are carried out by CAME PARKARE technicians, with no interruption to the functioning of the parking system.

## REPORTING

Availability of a wide range of reports that can be fully personalised and configured, with multiple filters and the ability to export in the main standard formats. Every report is designed to enable customers to optimise how they manage their parking systems.

It is also possible to schedule automatic reports to be sent to recipients of interest.

- Statistical reporting on collection, means of payment, invoices and receipts, card recordings, sales, balance top-ups, transactions, alarms etc.
- Reporting on stays in and use of car parks
- Reporting on pool groups
- Reporting on deferred payments

# MONITORING AND CONTROL SYSTEMS

- Monitoring of the status of all car parks with multiple levels of detail
- Monitoring of the status and control of each terminal. Visualisation of terminal status and its associated cameras in real time, during usage, without interrupting the service
- Monitoring and control of alarms of each terminal
- Possibility of acting on the different elements of the terminal
- Monitoring and control of alerts from a single car park or multiple car parks, such as alarms or user messages



## CENTRALISED VALIDATION AND PAYMENT SYSTEM

- Control and management of tickets
- Authorisation of access to car parks for subscribers
- Calculation of parking tariffs
- Authorisation of means of payment and collections
- Authorisation of the sale and renewal of parking products
- Authorisation of vehicles entering and exiting car parks
- Management of shifts of operators of manual cashiers

## ADDITIONAL VALUE-ADDED SERVICES

### INTEGRATION SERVICES

Thanks to our supplementary Lince Web 7.0 Integration services, our customers can easily access products and/or services offered by third parties.

### THE PARKING BUSINESS MODEL IS SOLELY DETERMINED BY THE OPERATOR, WITH NO INTERVENTION FROM THE SYSTEM PROVIDER

Make your own choices for your business, expanding it to add new features or changing it to adapt to demand and so on.

### EASY INTEGRATION

The Integration services have been designed to simplify the integration process. They are accessible from any programming language, operating system and use the most popular internet standards, making them compatible with virtually all third-party products and services on the market.

### SECURE DATA, ALWAYS

Hyper Text Transfer Protocol Secure (HTTPS).

# INTEGRATION SERVICES



## SELECT THE INTEGRATION SERVICE YOU REQUIRE OR COMBINE THEM FOR MAXIMUM RETURNS

The following Lince integration services meant that an external system (third party) can take the following action:

- **EXTERNAL VALIDATION:** Sent two types of validations:
  - a) **Access:** grant/deny access/exit to a user in the car park.
  - b) **Payment:** confirm payment for a stay. In this case, the price can also be set by the external system.
- **CHECK-IN/CHECK-OUT:** Identify a vehicle and monitor its access (entry/exit) independently from Lince software, using an external device which connects to the external server responsible for validating the action.
- **EXTERNAL PAYMENT MANAGEMENT:** Manage all parking products, including payments.
- **EXTERNAL PRICING:** Calculate fees to be paid (tariffs) based on the information provided by the user.

- **PRE-BOOKING:** Register parking space reservations in advance. It's also possible to verify the status of each reservation and even cancel it.
- **PRODUCTS:** Oversee the management of all products from the car park (modify, eliminate, add and consult status - CRUD: Create, Read, Update, Delete).
- **COUNTERS:** Receive information, interact and check the level of occupancy of all car parks in real time.
- **HISTORICAL:** Receive a list of all actions (operations, events, alarms, etc.) that have taken place in the car park up to a certain point.
- **NOTIFICATIONS:** Receive notifications from the parking system (alarms, exceptions and user messages).
- **TERMINALS:** Receive information, interact and check parking terminals in real time.
- **CAMERAS:** Connect to parking terminal cameras in real time.

# OPTIMA, VEHICLE GUIDANCE SYSTEM

## GREATER FLEXIBILITY

CAME PARKARE systems feature three different sensors designed to cover all needs: internal sensors, occupancy sensors positioned on the ceilings and/or LPR cameras and external sensors, occupancy sensors positioned on the floors.



## VEHICLE CONTROL USING CEILING SENSORS (ULTRASOUND)

- Increase in car park business volume
- Optimisation of resources, less staff required
- Boosts client loyalty through speedy identification of free spaces
- Helps the environment by reducing the time vehicles spend driving around the car park
- Minimal maintenance given that the system is completely automatic

## VEHICLE CONTROL USING ARTIFICIAL VISION SYSTEM (LICENSE PLATE RECOGNITION - LPR)

- Wide range of LED color lights
- Control of multiple spaces with one device (one sensor, two cameras control four spaces)
- “Find my car” option
- Adaptable to many countries
- Movement detection in each space

## VEHICLE CONTROL USING FLOOR SENSORS (OPTOMAGNETIC)

- Long-lasting battery, up to 10 years
- Rapid, two-way communication
- Easy installation in exterior
- Perfect for car parks with internal and external spaces

# OPTIMA INCREASES PROFITABILITY



The guidance system shows users the available spaces and the quickest route to take to get there, with the aim of maximising traffic volume, saving energy and optimising available resources. Also allows operators to control the level of occupancy inside the car park and monitor the system status in real time.

The solution can help to increase system profitability and improve the parking experience of end users.

## SUSTAINABILITY AND SAVINGS

### ENERGY SAVINGS

Thanks to the automatic management of spaces by levels and sectors, energy is only used where needed - i.e. in occupied areas.

### RESPECT FOR THE ENVIRONMENT

By minimizing the time vehicle spend driving around the car park, emissions of exhaust fumes and sound levels are reduced.

### MINIMAL MAINTENANCE REQUIRED

Fully automated system does not require special maintenance operations or highly skilled workers.

## HUGE ECONOMIC BENEFITS

### • INCREASED BUSINESS VOLUME

Vacant spaces are registered in real time, meaning traffic is made more fluid and the turnover rate increase by approximately 4% (and car park revenue increases as a result)

### • OPTIMISATION OF RESOURCES

No need to use staff to direct vehicles around the car park

### • CLIENT LOYALTY

Speedy access procedure and ease of finding free spaces reduces user stress and saves them time. These are two key factors which contribute to building client loyalty.

### • QUANTIFIABLE RESULTS

The graphics and stats generated by the software enable users to base decisions on accurate information

### • MODULARITY

Optima is a modular system which can easily be expanded where necessary or combined with other parking systems

# LICENSE PLATE RECOGNITION SYSTEM

The License Plate Recognition (LPR) system is the ideal tool for any parking system because it improves the performance and optimises the usage of the whole site.



## MAXIMUM CONTROL OF ALL VEHICLES ENTERING/EXITING SITES

Monitoring and control in real time of all vehicles that enter and exit car parks.

## HIGHER LEVEL OF SECURITY

Every license plate is individually read and analysed. In the event of conflict (reading error or data discrepancy), an incident resolution request is immediately sent to a manned post so that the operator can authorise or deny access to the vehicle.

## EXCELLENT LICENSE PLATE RECOGNITION ABILITY

This system is capable of recognising alphanumerical characters of any type (Chinese, Arabic, Cyrillic etc), with reliability reaching 99%\* in some countries.

\* We recommend that you check availability, compatibility and precision with your local representative.

## MAXIMUM INTEGRATION

The cameras share the IP-LAN infrastructure of the car parking system, which makes installation and management easier.

## LOST TICKET REPRINT FUNCTION

The LPR system links the license plate to a unique ticket number. Losing your ticket is no longer a problem! If you do lose it, you simply need to type your license plate number and reprint your ticket.

## GENERATION OF BLACKLISTS

Automatic access restrictions for license plate numbers included on blacklists.

## FRAUD PREVENTION

Every ticket is linked to a license plate number, thus preventing users from swapping tickets and tackling vehicle theft.

## LEGAL COMPLIANCE

The vehicle license plate is printed on the entry ticket, in accordance with legislation in place in some countries.

## DYNAMIC ACCESS

The LPR system allows for ticketless and cardless solutions where users access the car park with their vehicle license plate number, without having to take a ticket or validate their season ticket.

## SPEED

Quick response time, adjustable based on the number of images captured and processed for each vehicle.

## ROBUSTNESS

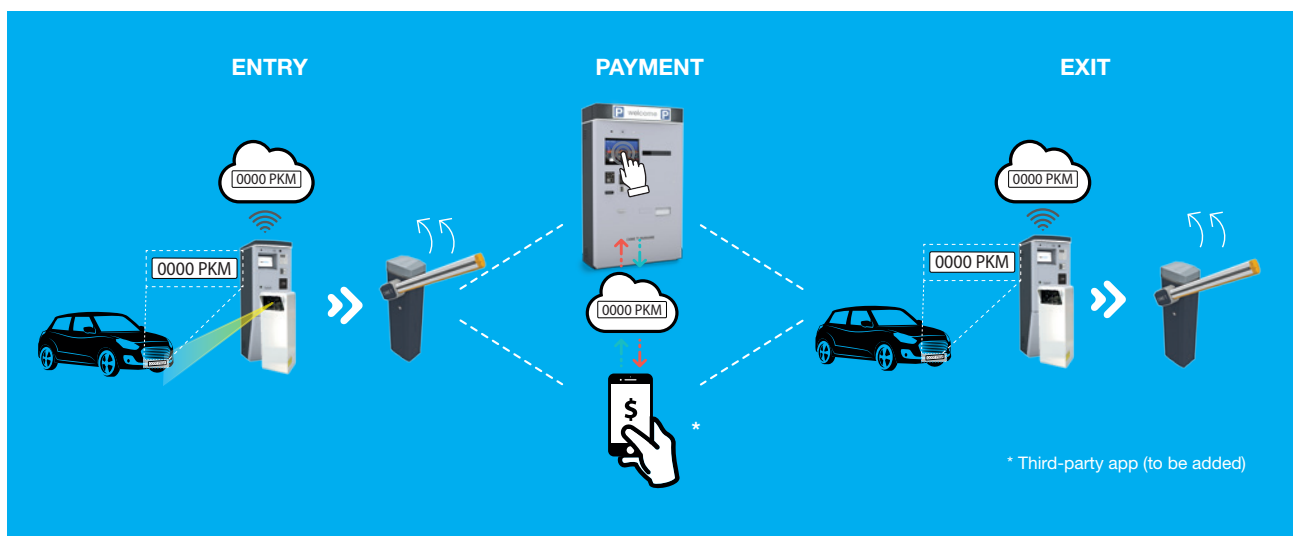
Equipment is robust and designed for use outside, thus guaranteeing excellence performance levels in a wide range of temperatures.

## WIDE RANGE OF ADDITIONAL PRODUCTS

The license plate recognition system is just one of the many supplementary products offered by CAME PARKARE. These modular products are fully compatible with Lince and can be easily added to the system at any time.

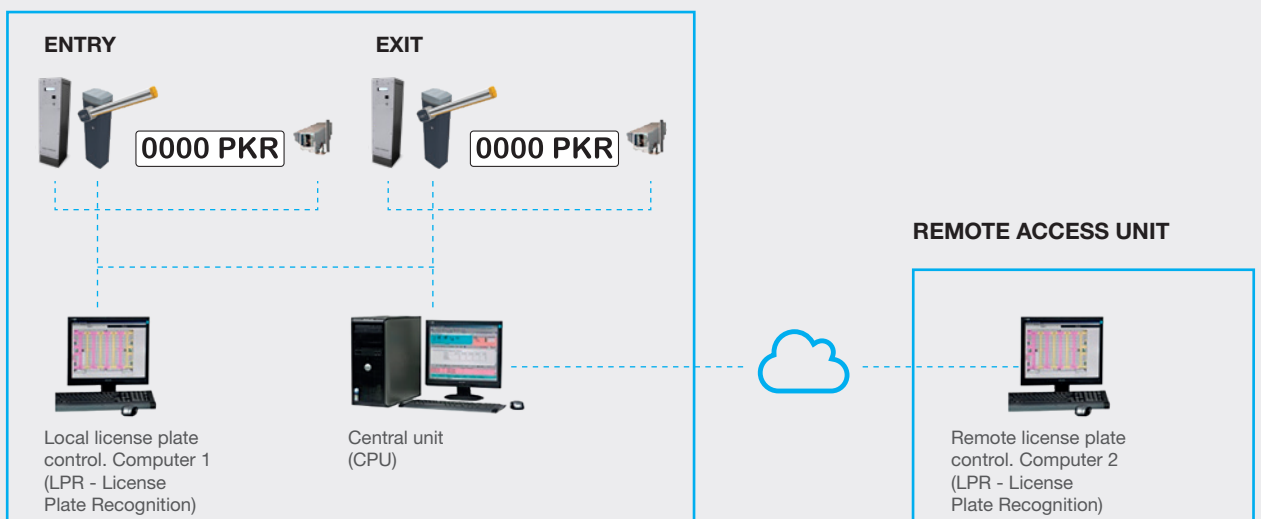


# TICKETLESS OPTION: PAY BY PLATE



## EXAMPLE

### CAR PARK



# TOUCH-FREE SOLUTIONS

We, in CAME PARKARE, are always designing new solutions to satisfy our customers' needs and make their **parking business as simple and profitable as possible**. Because of that we offer new special solutions, which give end-users a **Touch-Free experience**. Touching terminals to get a ticket or pay is no longer needed!

Because every customer is different, CAME PARKARE offers **4 Touch-Free Solutions for PKM line**.

Choose the one that meets your needs.





## TICKETLESS

### **THIS SOLUTION ALLOWS OCCASIONAL MOTORISTS TO GO IN & OUT FROM A CAR PARK WITHOUT A PAPER TICKET**

Occasional motorists can entry with a virtual ticket linked to the license plate and pay the stay easily with credit card thanks to the Contactless EMV located in the Exit Terminal, absolutely touch-free. Subscribers are identified by LPR cameras.



## AUTOMATIC TICKET

### **ALL CAR PARKS CAN ENJOY THIS SOLUTION, IT IS JUST A SYSTEM CONFIGURATION MATTER**

Just set Lince Management and Control Software to issue an automatic ticket every time the system detects the presence of a vehicle at the Entry access and its license plate is not found in the Subscriber's list.



## SUBSCRIBERS TERMINAL

### **THIS SOLUTION HAS BEEN SPECIALLY DESIGNED FOR THOSE CAR PARKS WITHOUT LPR CAMERAS SYSTEM**

Include a Subscribers Terminal located in the beginning of the access lane, so they can identify themselves. To exit the Subscriber ID needs to be presented at the Exit Terminal. Occasional motorists drive directly to the Entry Terminal where a ticket is automatically issued thanks to the Automatic Ticket Solution. At Exit, the same ticket must be presented.



## TOUCH-FREE BUTTON

### **ALL CAR PARKS CAN ENJOY THIS SOLUTION ALSO**

By adding a Touch-Free Button to the Entry Terminal, occasional motorists just need to approach their hand to the Touch-Free Button and the system issues a ticket automatically. Once at the Exit, motorists must present the ticket, the barrier opens and they can leave the car park. Subscribers can be identified by LPR cameras or with any of the available Subscribers ID (proximity card, TAG, QR, etc.).

**Touch-Free Payments:** All payments in the Automatic Payment Station (also in the Exit terminal for Ticketless solution) are absolutely touch-free thanks to the Contactless EMV



# CAME **PARKARE**, SOLUTIONS DESIGNED TO ADAPT TO ANY SCENARIO



**SMART CITY**



**AIRPORTS**



**SHOPPING CENTRES**



Find out more on [CAME.COM/PARKARE](https://www.came.com/parkare)



**CAME**  **PARKARE**

# CAME PARKARE

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### CAME S.p.A.

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[CAME.COM](http://CAME.COM)

We are a leading multinational supplier of integrated high-tech solutions for automating residential, public and urban settings, which generate intelligent spaces for the wellbeing of people.

- GATES AUTOMATION
- VIDEO ENTRY SYSTEMS
- GARAGE AND INDUSTRIAL DOOR AUTOMATION
- AUTOMATIC BARRIERS
- PARKING SYSTEMS
- TURNSTYLES AND SPEED GATES
- BOLLARDS AND ROAD BLOCKERS
- HEATING CONTROL
- AUTOMATIC DOORS
- SHUTTER AND BLIND SOLUTIONS
- BURGLAR ALARM SYSTEMS
- HOME AUTOMATION

