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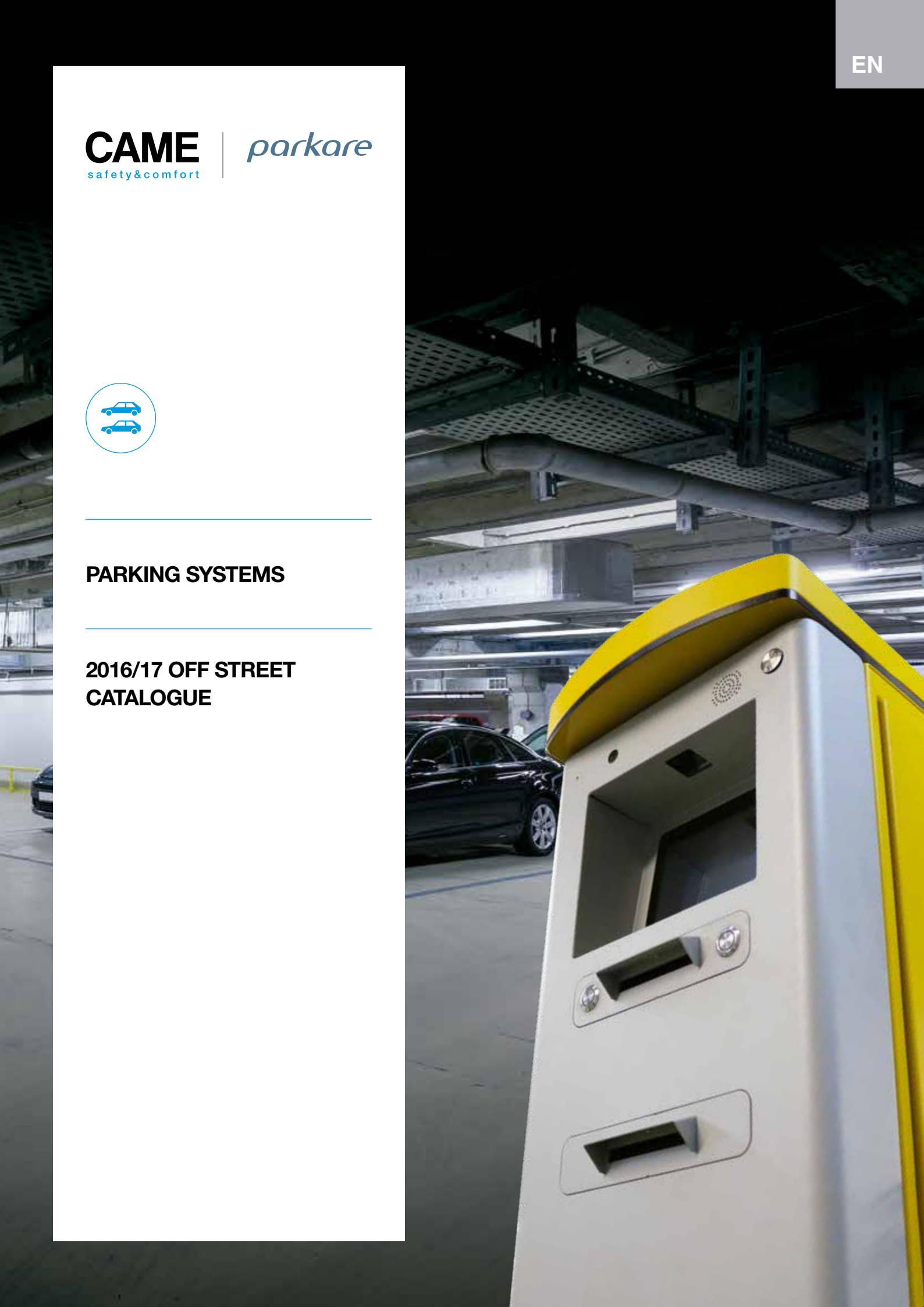
CAME
safety&comfort

parkare

PARKING SYSTEMS

2016/17 OFF STREET CATALOGUE



CAME | parkare

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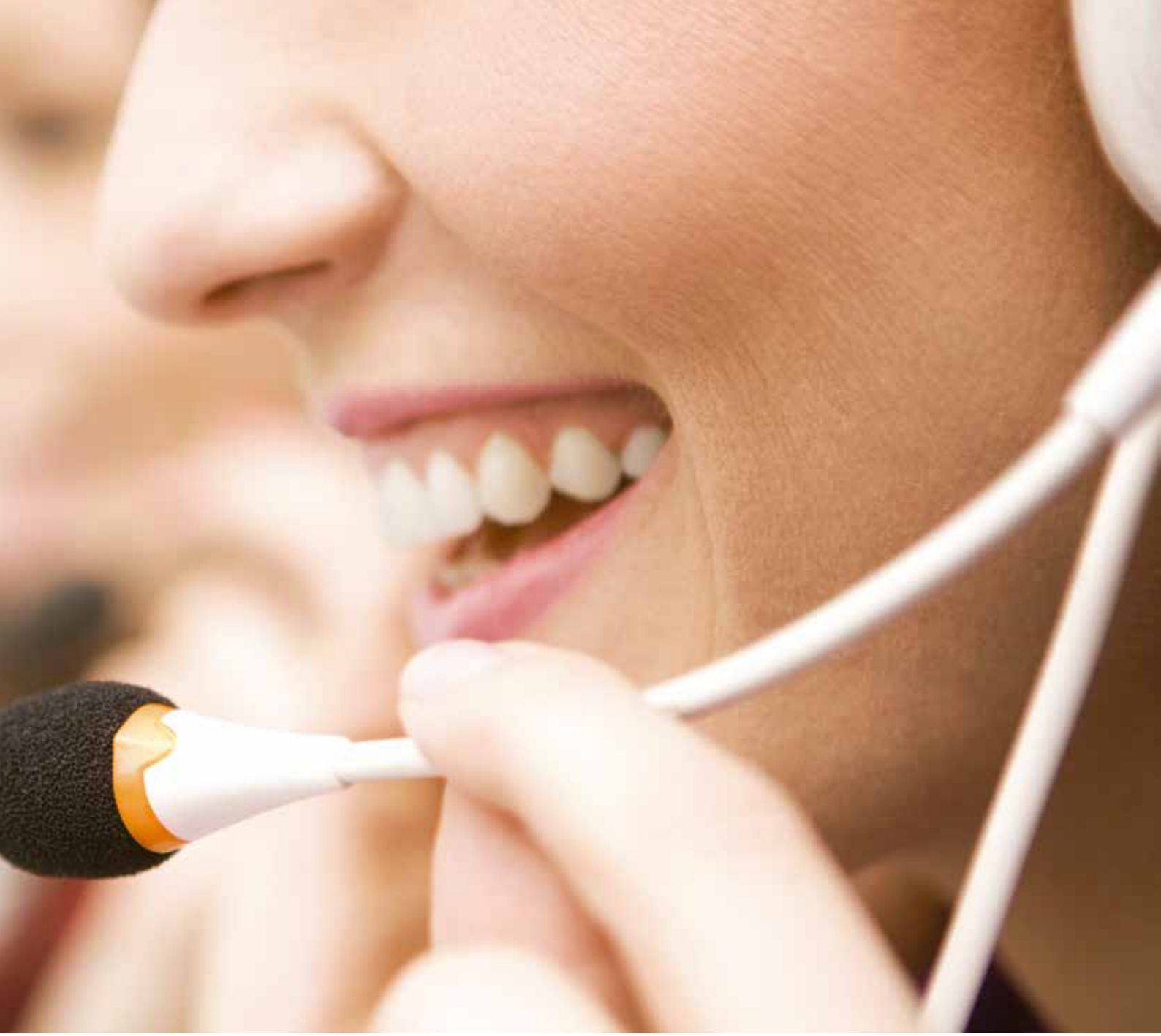
COMPANY PROFILE

Came Parkare sees mobility as an opportunity to serve our society. Our mission is to provide technological solutions that rely on this innovation, and to improve mobility in our cities. Based on the idea of improving traffic flow and reducing pollution, we help our parking operators to improve the profitability of their businesses and resources, and the city councils to improve the quality of their citizens' life.

Our systems include:

- Off street: parking management systems and equipment (pay stations, rising arm barriers, guidance systems, automatic number plate recognition systems, central control units, etc.).
- On street: parking meter management systems and machinery.
- Customer services: including maintenance of the equipment and software throughout the lifetime of the systems.

Came Parkare has centralised R&D and the production in Barcelona, Spain, where with a commercial and technical department specialising in parking systems. The products are distributed to more than 118 countries through the directly-owned branch offices of the group and 480 dealers worldwide.



SERVICE & AFTERCARE

Our multi-skilled call centre offer technical assistance and the timely deployment of skilled Engineers directly to site, backed up by field-based Technical Support Engineers. If your product needs hands-on technical support, one of our trained Engineers will be onsite within 24 working hours or even sooner where the service level agreement dictates. All spare parts, labour, software and traveling expenses are included in our top-level service package.

We have a wide-range of services that are designed to meet your needs - no matter how big or small, we provide a support solution which is right for you.

SERVICE QUALITY COMMITMENT - AVAILABLE FOR ALL SYSTEMS

WHY TRUST IN OUR SERVICES?

Your experience does not end once you have acquired one of our systems, we provide all our customers with peace of mind because you can rely on us to minimise your downtime, maximise productivity and protect your investment. We set the highest standards of service and that is why our customers continue to choose Came Parkare as their service supplier.

Came Parkare's nationwide support team offer a personal and flexible approach to customers' on going needs, including tailor made comprehensive maintenance packages. Our multi-skilled team provide technical assistance and the timely deployment of skilled engineers directly to site, backed up by Technical Support Engineers.

CUSTOMER SERVICE & TECHNICAL SUPPORT

Our contact centre, provides a single contact point to resolve all of our customers' queries. We have experienced staff andtechnological resources to take care of any service query related to our products. The contact centre listens to our customers' so we can offer the best solution for their needs, as fast as possible.

MAINTENANCE PLANS

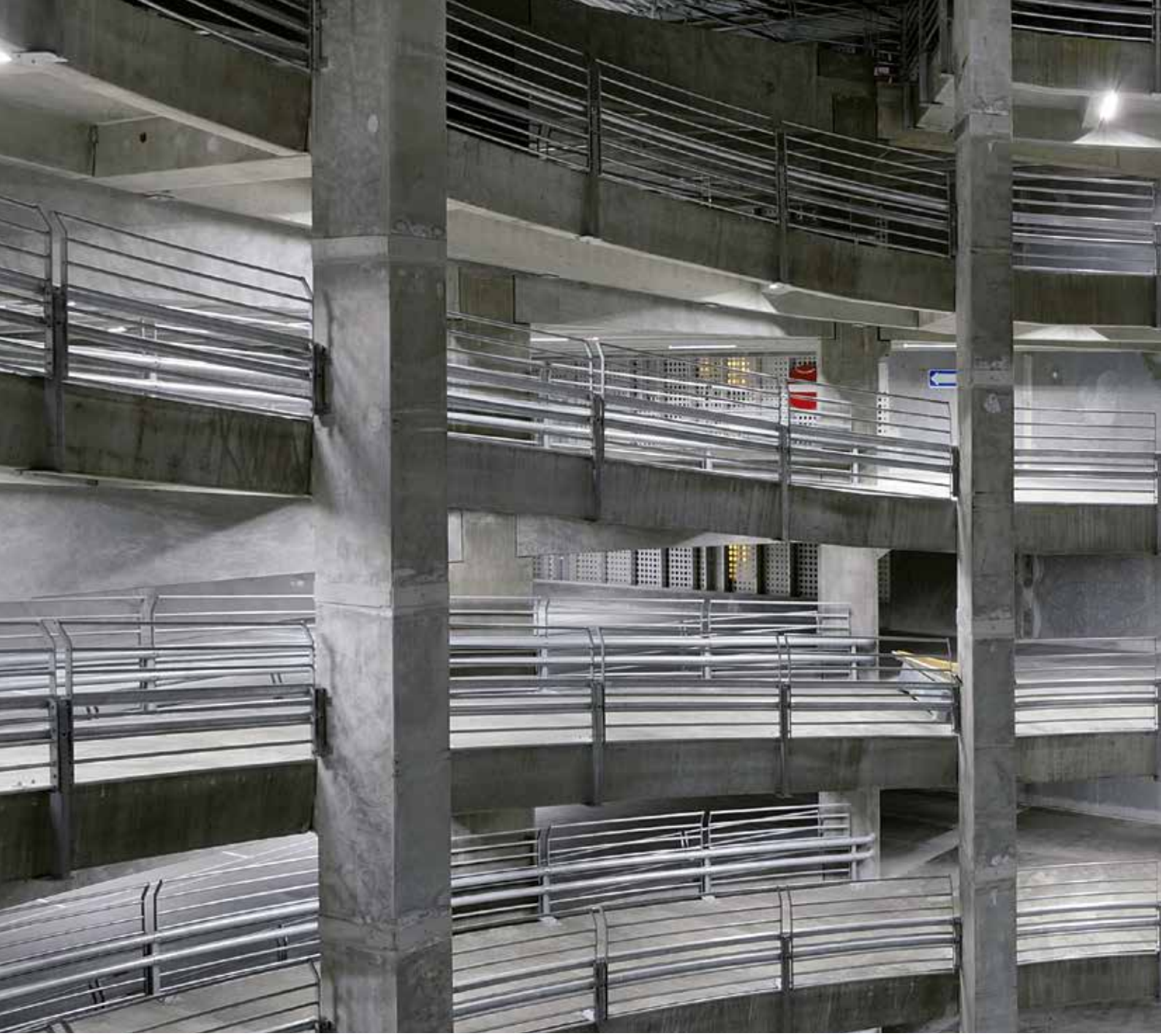
We have a wide-range of services that are designed to meet your needs - no matter how big or small, we provide a support solution which is right for you. Your maintenance plan provides a specialised service to maintain the highest functionality of the products and the management systems of your car parks.

GUARANTEED RESPONSE TIMES

If your product needs hands-on technical support, one of ourtrained Engineers will be on-site by the next business day or even sooner where the service level agreement dictates. All spare parts, labour, software and travelling expenses are included in our top level service package.

SPARE PARTS

Parkare has a spare parts service where our customers can find a wide range and availability of original spare components to mantain the high performance of their installations and avoid any possible interruptions of the operation process.



PKE SYSTEM

A fusion of Italian style and Spanish ingenuity, Came Parkare's first joint venture parking system, PKE, combines the CAME PS-One and Parkare Elegance systems with the latest hardware upgrades to create a powerful, high-end parking system, that will offer a new dimension to the parking industry.

Came Parkare offers both magnetic strip ticket technology and thermal paper roll (barcode, QR, etc.), providing a low maintenance solution whilst maintaining efficiency during the demand required by high operation facilities. With the addition of a pay-on-exit terminal using TFT screen technology, QR or motorised magnetic reader, and credit card payment facilities, PKE demonstrates a strong future for Came Parkare on the world parking stage.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El Corte Inglés
P
CAME parkare

PKE SYSTEM

PAY-ON-FOOT OFF STREET PARKING SYSTEM

FOR SPECIAL LARGE COMPLEX PARKING APPLICATIONS

The PKE system is a comprehensive solution to parking control, offering significant improvements in productivity for little additional cost, whilst also increasing end user satisfaction due to operational reliability and a range of products to meet all requirements. To do this, our PKE car park control system is based on a network of automatic devices that regulate access, control payment and record all activity in the car park. PKE can be used in conjunction with Automated Number Plate Recognition (ANPR), Voice over IP (VoIP) intercoms, security cameras & video, EMV chip & pin cards, contactless cards and many other technologies.

- Reduction in parking operating costs.
- Complete adaptation to the requirements of the car park (spaces, turnaround, payment methods, etc.).
- Integrated system that facilitates installation, handling and maintenance of the car park.
- Remote and centralised control of car park system.
- Automatic recording of all parking events for accounting and/or auditing purposes.
- Possibility of integration with third-party solutions.

STANDARD COLOUR OPTIONS

RAL 1003
RAL 9006

5368A0837
RAL 9006

PKE SYSTEM COMPONENTS

AUTOMATIC PAY STATIONS

Built to the highest standards and offering excellent security, the PKE pay station is not just a payment terminal but a complete multifunctional station, with a compact design and technology, a point of information and help and the option to include advertising. Designed to improve the profitability of the car park, it is low maintenance and provides high availability while unattended.

FEATURES

- 15.6" LVDS Colour TFT touch screen display in panoramic format.
- 4 language options (configurable by the client).
- IP intercom for communication with the control room.
- Motion sensor to reduce energy consumption.
- Embedded PC based on architecture x86 and support SSD for data storage.
- Barcode reader 1D/2D with capacity to read codes on tickets, printed paper and mobile devices.
- Thermal receipt printer.
- Electronically regulated internal ventilation system.
- Coins module with change giving. Accepts up to 16 denominations of different coins and automatic return of 4 different values.
- Recycler coin hoppers, two with capacity of 1500 coins and two with capacity of 750 coins.
- 5.5 litres security coin box.
- Cabinet constructed from 2 mm AP02 steel with antioxidant treatment and oven dried polyester powder paint.
- Frontal door with a security lock with 3 locking points.
- Micro sensors for detection: door opening, lock, coin box removal, hoppers removal and note box removal.
- Operating display protected by 4 mm polycarbonate.
- Interior lighting system.

OPTIONAL

- Facial camera, integrated with the intercom.
- LED lighting indicating status of the terminal.
- Proximity card reader.
- Thermal printer to issue lost ticket and other barcode products in 1D/2D.
- Magnetic ticket transport, allowing reading and encoding of tickets in magnetic stripe format with integral laser scanner to read barcodes and the ability to retain tickets.
- Receipt printer with paper thickness of 67 gsm.
- Uninterruptible Power Supply (UPS).
- Interior heating and ventilation system.
- EMV reader for credit card chip & PIN and proximity payments (NFC).
- Note reader, with capacity of reading 100 different notes in 4 ways with escrow function.
- Accept notes with change giving systems. Multi-escrow available and capacity of recycling of 2 denominations, up to 60 notes in each deposit.
- 2 extra hoppers for manual self-charging coins, with capacity of 750 coins.
- 1 multi-valued hopper for self-charging coin.
- Door open alarm.
- Alternative colours available upon request.

SPECIFICATIONS

- Power: 100-120 / 220-240 V AC. 50-60 Hz
- Consumption: 200 W (450 W with heater)
- Temperature using heater: -20ºC to +50 ºC
- Temperature with no heater: 0ºC to +50 ºC
- Dimensions (mm): 1690 x 1000 x 538 (HxWxD)

PRICES FOR PKE ARE AVAILABLE UPON REQUEST:
every PKE project has to be analysed together with our sales team. Kindly let us have your project details so we can provide you with a specific quotation.

PKE SYSTEM

PKE SYSTEM COMPONENTS

CASHLESS PAY STATION

The PKE cashless pay station accepts fast and secure electronic payments through any method (EMV credit cards, NFC, cards/discount vouchers, etc.), avoiding cash handling and reducing the cost of investment.

FEATURES

- 15.6" LVDS colour TFT panoramic touch screen display.
- 4 language options (defined by the client).
- IP intercom for communication with the control room.
- Motion sensor to reduce energy consumption.
- Barcode reader 1D/2D with capacity to read codes on tickets, printed paper and mobile devices.
- Thermal receipt printer.
- Embedded PC based on architecture x86 and support SSD for data storage.
- Electronically regulated internal ventilation system.
- EMV reader for credit card with chip and proximity payments (NFC). Keyboard module for the introduction of a PIN code (optional). Ask availability for approval in different countries.
- Cabinet of 2 mm AP02 steel.
- Frontal door with a segurity lock with 3 locker points.
- Operating display protected by 4 mm polycarbonate.
- Micro sensor for automatic detection of door opening.
- Interior lighting system.

SPECIFICATIONS

- Power: 100-120 / 220-240 V AC. 50-60 Hz
- Consumption: 120 W (370 W with heater)
- Temperature using heater: -20ºC to 50 ºC
- Temperature with no heater: 0ºC to 50 ºC
- Dimensions (mm): 1690 x 520 x 538 (HxWxD)

STANDARD COLOUR OPTIONS

RAL 1003
RAL 9006

5368A0837
RAL 9006

MANUAL CASHIER

A complete support point on site, close to the user and with capacity to receive payment from the user, manage season holders or cards of the system, operate with the data of the system and solve any eventuality.

From the cashier, it is not only possible to make a payment, but it also gives access to other functions:

- Automatic fee calculation.
- Collection and ticket validation.
- Recoding and printing the entry ticket once it has been paid.
- Encoding, writing cards of the system, service, season holders or vouchers.
- Accepts any payment method (cash, discounts, vouchers, credit).
- Technical incidents.
- Admission fee for illegible or lost ticket, time exceeded, etc.
- Access control.
- Opening/closing barrier from the keyboard (manual cashier exit mode).

FEATURES

- All-in-one latest generation computer.
- USB mouse and keyboard.
- Windows operating system.
- Cash drawer with automatic opening.
- Display for the customer that shows date and time of the system and the fee to pay.
- Receipt printer, end of day audit reports and manual tickets/ vouchers.

OPTIONAL

- Barcode reader.
- Proximity card reader RFID.
- Ethernet communications (TCP-IP).
- Chip and PIN EMV terminal for credit/debit cards, approved to PCI PED standards and EMV contactless and mobile payment (NFC).
- Desktop reader/validator to process tickets and cards from the system with the following features:

1. Encoder/reader for magnetic stripe and barcode.
2. Laser scanner for reading barcode.
3. Reading in longitudinal and 4 positions.
4. Accepts payments with the system cards (discount vouchers or similar) and off-line credit.

- Uninterruptible Power Supply (UPS), allowing the pay station complete the ongoing operations in case of power failure.
- Barrier control

SPECIFICATIONS

- Power: 100-240 V AC ± 10% 50 Hz
- Consumption: 180 W
- Temperature: 0°C to +35°C

NOTE:
also available as part of the PKM range

PKE SYSTEM

PKE SYSTEM COMPONENTS

ENTRY TERMINAL

Simple, straightforward and easy to use – PKE ticket issue machines are designed with users in mind. With an intuitive design and user-friendly LCD display, the machines operate quickly and efficiently to maximise traffic flow through the car park.

FEATURES

- 7” colour TFT touch screen display.
- 2 language options (configurable by the client).
- IP intercom for communication with the control room
- Embedded PC based on x86 architecture with SSD.
- Cabinet constructed from 1.5 mm AISI 430 Stainless Steel with an oven dried polyester powder paint.
- Interior lighting system.
- Ethernet communications (TCP/IP).
- Barrier controlled by GPIO or Ethernet.

OPTIONAL COMPONENTS

- 7" colour TFT (non touch screen) with control buttons.
- Facial camera, integrable with the intercom.
- LED lighting indicating status of the terminal.
- Barcode reader 1D/2D with capacity to read codes on tickets, printed paper and mobile devices.
- Proximity card reader.
- Second thermal printer to increase ticket capacity.
- Magnetic ticket transport, allowing reading and encoding of tickets in magnetic stripe format with integral laser scanner to read barcodes and the ability to retain tickets.
- EMV reader with chip and PIN and proximity payments (NFC).
- Interior heating and ventilation system.
- Available as double height cabinet (allowing access for both cars and buses/lorries).

SPECIFICATIONS

- Power: 100-120 / 220-240 V AC. 50-60 Hz
- Consumption: 120 W (270 W with heater)
- Temperature with heater: -20ºC to 55 ºC
- Temperature without heater: 0ºC to 55 ºC
- Dimensions, regular (mm): 1242 x 400 x 530 (HxWxD)
- Dimensions, slim (mm): 1242 x 310 x 530 (HxWxD)

STANDARD COLOUR OPTIONS

RAL 1003
RAL 9006

5368A0837
RAL 9006

EXIT TERMINAL

As you would expect from Parkare, the technology powering the machines is advanced and robust, and the customer service is exceptional. The PKE Slim exit terminal offers a compact design, concentrating the smallest possible space for full power QR Technology, without compromising the suggestive and intuitive user interface.

FEATURES

- 7” colour TFT touch screen display.
- 2 language options (defined by the client).
- IP intercom for communication with the control room.
- Embedded PC based on x86 architecture with SSD.
- Cabinet constructed from 1.5 mm AISI 430 Stainless Steel with an oven dried polyester powder paint.
- Sensor to detect open/close position of doors.
- Interior lighting system.
- Ethernet communications (TCP/IP).
- Barrier controlled by GPIO or Ethernet.

OPTIONAL COMPONENTS

- 7" colour TFT (non touch screen) with control buttons.
- Receipt request button (only with pay-on-exit option).
- Facial camera, integrated with the intercom.
- LED lighting indicating status of the terminal.
- Barcode reader 1D/2D with capacity to read codes on tickets, printed paper and mobile devices.
- Proximity card reader.
- Magnetic ticket transport, allowing reading and encoding of tickets in magnetic stripe format with integral laser scanner to read barcodes and the ability to retain tickets.
- EMV reader with chip and PIN and proximity payments (NFC).
- Receipt printer with paper of 67 gsm.
- Interior heating and ventilation system.
- Available as double height cabinet (allowing access for both cars and buses/lorries).

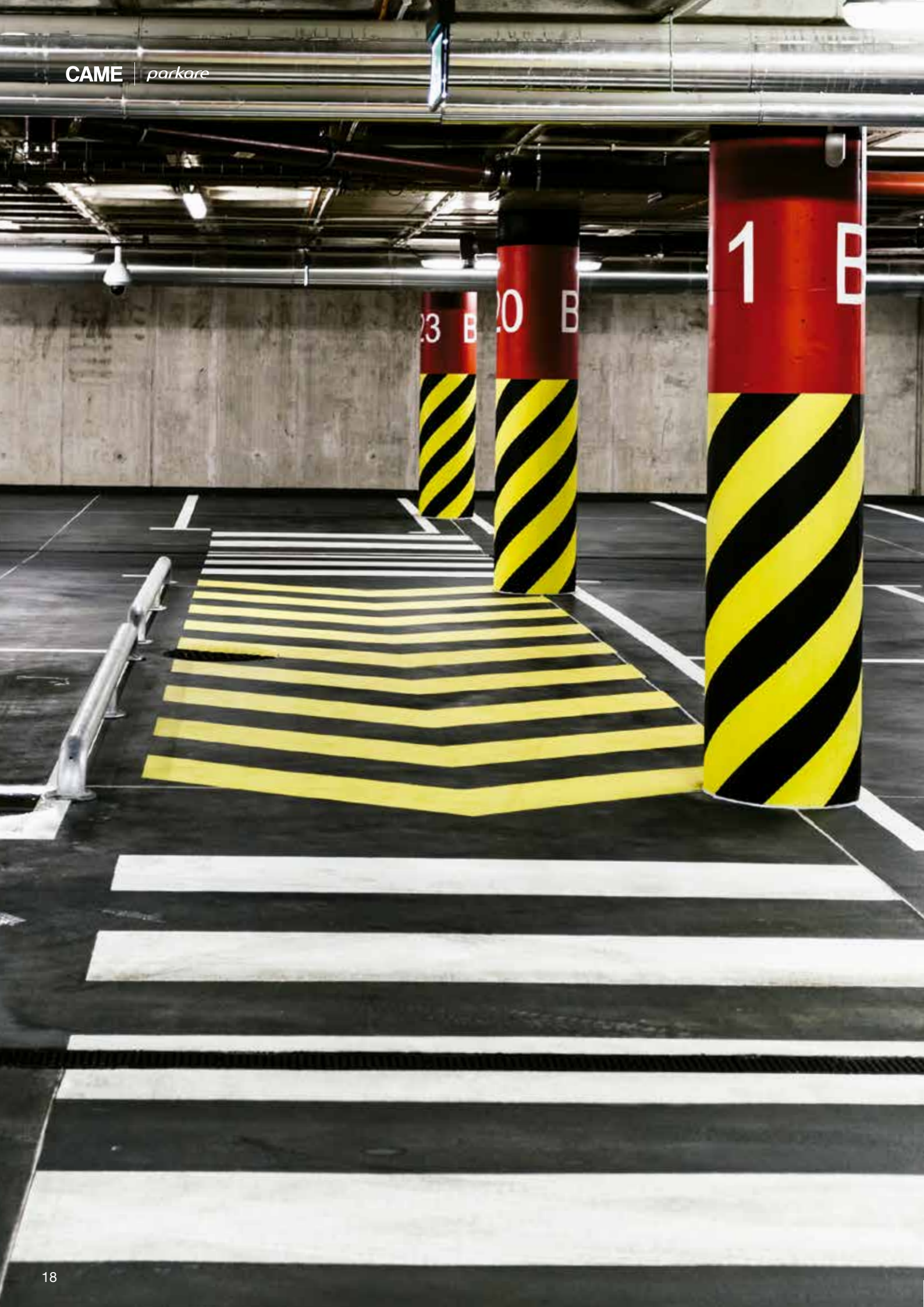
SPECIFICATIONS

- Power: 100-120 / 220-240 V AC. 50-60 Hz
- Consumption: 120 W (270 W with heater)
- Temperature with heater: -20ºC to 55 ºC
- Temperature without heater: 0ºC to 55 ºC
- Dimensions, regular (mm): 1242 x 400 x 530 (HxWxD)
- Dimensions, slim (mm): 1242 x 310 x 530 (HxWxD)

STANDARD COLOUR OPTIONS

RAL 1003
RAL 9006

5368A0837
RAL 9006


23 B
20 B
1 B

PKE SYSTEM COMPONENTS

DOOR ACCESS SYSTEM

Came Parkare's door access system allows pedestrian access for users and season ticket holders with any identification (RFID, TAG, magnetic stripe, barcode, QR) or by inserting the number plate. Door access control allows the entry or exit of users on foot to areas with limited access (such as restricted areas only available for season ticket holders), or general access to parking according to the time of day or certain time slots.

- **Security** - Improves security and parking efficiency, preventing access to unauthorised users.
- **Saving** - Reduces costs and personnel costs, especially in unattended car parks.
- **Audit Reports** - More control of access management for both staff and customers.
- **Efficiency** - Full integration with parking control system to achieve more efficient management of your business.
- **Flexibility** - Adaptable to any access point.

FEATURES

- Barcode reader 1D/2D, with capacity for reading codes in tickets, printed paper and mobile devices.
- Proximity card reader.
- PC embedded based on architecture x86 and support SSD for data storage.
- Electromagnetic security lock (power supply not included).
- Technical box (interior).
- Touch screen 6.5", which includes an alphanumeric keyboard.
- IP intercom for communication with the back office.
- Green LED on.
- Red LED operation (unidentified) and green (identified).
- Presence detector of the user.
- Stainless steel AISI 430 painted in polyester and oven-dried, suitable for outdoor use.
- Ethernet net communications.
- I/O signs: opto isolated.
- 'On Line' or 'Off Line' option.

OPTIONAL

- Facial camera of low latency, which can be integrated with the intercom.
- Magnetic stripe card reader, central or lateral.
- Sign or status input of the door: open or closed.
- Interior heating and ventilation system electronically regulated.

SPECIFICATIONS

- Temperature of operation: 0ºC to +55 ºC
- Power: 93-132/186-264 V AC. 47-63 Hz
- Consumption: 60 W
- Operating voltage: 24 V DC
- Dimensions (mm): 230 x 323 x 122 (HxWxD)

STANDARD COLOUR OPTIONS

RAL 9006

RF 9913 XW ADAPTA

NOTE:
also available as part of the PKM range

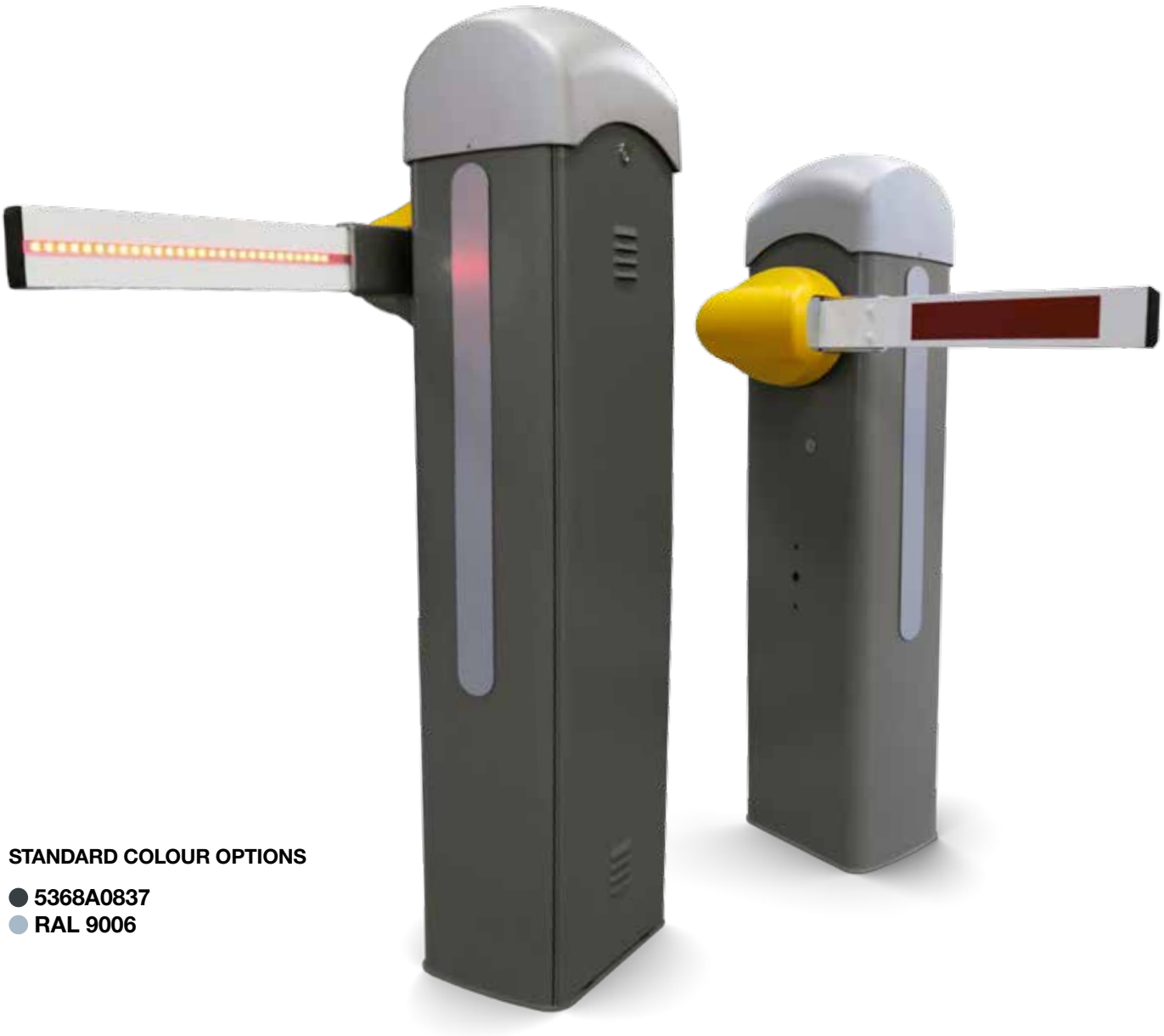
PKE SYSTEM

PKE SYSTEM COMPONENTS

PRK-CA BARRIER

Innovation and design for all-inclusive safety: these are the most recent additions to the PRK-CA barrier line family. Regulating traffic access, in combination with an entry or exit terminal the barrier provides the robustness required for a highly reliable system.

Designed for a range of openings up to 4m, the new PRK-CA barriers are the ideal solution for control of roads and parking areas for industrial and public use. The PRK-CA is available in the 230 V AC motor and the 24 V DC motor versions.



STANDARD COLOUR OPTIONS

- **5368A0837**
- **RAL 9006**

FEATURES

- An electronic contact automatically interrupts the power supply voltage as soon as the inspection door is opened.
- Differentiated sensitivity spring for exceptional balancing of the barrier arm.
- Command electronics, protected by a die-cast aluminium guard, positioned to make any type of intervention extremely practical.
- The safety photocells are affixed directly to the barrier body without affecting the aesthetics of the product.
- A specific security firmware connected to our Lince software is available.
- Polyester powder painted and galvanized steel housing.
- Available in dark grey or blue (RAL 5023).

BOOM

- Standard boom sizes are 3m and 4m to be easily adapted in the car park. Please contact us for details of non-standard lengths.

CONTROL BOARD

- Control of maximum operating time (motor protection).
- Impact detection option.
- Fallen boom detection option.

OPTIONAL

- Boom knock off sensor: Automatic detection of the presence of the boom on the support.
- Emergency battery back up: the command electronics automatically recognise a lack of power and activate the emergency operation using dedicated back up batteries.
- Illuminated boom: LED's inside to ensure more visibility.
- Articulated boom: Especially suitable for installations in locations with low ceiling clearance.
- Boom lengths: Solutions available for non-standard widths available on request.

SPECIFICATIONS

- Power: 230 V AC. 50/60 Hz
- Opening time at 90° (s): 2 ÷ 6
- Intermittency/Operating: Intensive service
- Reduction ratio: 1/202 i
- Insulation class: I
- Protection Rating: 54 IP
- Motor Power Supply: 24 V DC
- Max. absorption (A): 15 (24 V) / 1.3 (230 V)
- Consumption: 300 W
- Stand-by consumption: 5 W
- Torque: 600 Nm
- Temperature of operation: -20°C to 55°C

DIMENSIONS (mm)

PKM SYSTEM

Maintaining the evolutionary Came Parkare style, the new PKM mid-range system continues to provide the excellent performance capabilities provided by its predecessor, Parkare's Compact thermal paper roll system.

Though the PKM setup shares many common features with the PKE high-end system, it comes with a more cost effective bottom line, making it an appealing option for strict budgets. With enhanced feature upgrades, PKM promises to be a hugely successful and stylish addition to the world of mid-range pay-on-foot parking systems.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PKM SYSTEM

PAY-ON-FOOT ‘THERMAL PRINTER’ SYSTEM

The PKM integrated pay-on-foot system enables centralised management of car parks with minimal investment and can provide a wide range of features and benefits.

Consisting of an entry terminal, automatic pay station and exit terminal, the other elements required for a parking control system, such as barriers, door access system and manual cashier are shared with the PKE system.

The technology deployed in PKM reduces the cost and complexity of the system by minimising the number of moving parts required compared to other systems - also offering increased reliability. The simplicity of the system does not mean a compromise in functionality; PKM can be used in conjunction with Automated Number Plate Recognition (ANPR), Voice over IP (VoIP) intercoms, security cameras & video, EMV chip & PIN cards, contactless cards and many other technologies.

STANDARD COLOUR

- **RAL 5023**
- **RAL 9006**

PKM SYSTEM COMPONENTS

AUTOMATIC PAY STATION

The pay station is not just a payment terminal but a complete multifunctional 3-in-one station (information point, advertising and products sale) characterised by a compact design and the use of advanced technologies.

FEATURES

- 15.6" LVDS Colour TFT display in panoramic format.
- 4 language options (defined by the client).
- IP intercom for communication with the control room.
- 4 operation buttons.
- Motion sensor to reduce energy consumption.
- Embedded PC based on architecture x86 and support SSD for data storage.
- Barcode reader 1D/2D with capacity to read codes on tickets, printed paper and mobile devices.
- Thermal receipt printer.
- Electronically regulated internal ventilation system.
- Coins module with change giving. Accepts up to 16 denominations of different coins and automatic return of 3 different values.
- 3 self-charging coin hoppers, with a capacity of 700 coins each.
- 5.5 litres security coin box.
- Cabinet constructed from 2 mm AP02 steel with antioxidant treatment and oven dried polyester powder paint.
- Frontal door with a security lock with 3 locking points.
- Micro sensors for automatic detection: door opening, coin box removal, hoppers removal and note box removal.
- Interior lighting system.

OPTIONAL

- Facial camera of low latency, integrated with the intercom.
- Proximity card reader.
- Thermal printer to issue lost ticket and other barcode products in 1D/2D, with presenter and 105 g/m2 paper.
- Receipt printer with paper of 67 gsm.
- Uninterruptible Power Supply (UPS), allowing the pay station to complete ongoing operations in the case of a power failure.
- Interior heating system.
- EMV reader for credit card chip & PIN and proximity payments (NFC).
- Note reader, with capacity of reading 64 different notes in 4 ways and escrow function.
- Accept notes with change giving systems. Capacity of recycling of 2 denominations, up to 60 notes in each deposit. Stackable note dispenser of 600 notes.
- Note dispenser (single notes dispensed preloaded in deposit). Up to 500 notes per unit and up to 2 deposits (optional). Not compatible with note change giving option.

SPECIFICATIONS

- Power: 100-120 / 220-240 V AC. 50-60 Hz
- Consumption: 200 W (450 W with heater)
- Temperature using heater: -20ºC to 50 ºC
- Temperature with no heater: 0ºC to 50 ºC
- Dimensions (mm): 1485 x 740 x 500 (HxWxD)

PRICES FOR PKM ARE AVAILABLE UPON REQUEST:
every PKM project has to be analysed together with our sales team. Kindly let us have your project details so we can provide you with a specific quotation.

PKM SYSTEM

PKM SYSTEM COMPONENTS

ENTRY TERMINAL

The PKM entry terminal stands out for its compact design, concentrated on the smallest possible space, full of the power of technology.

The PKM entry terminal has a printer, so maintenance gets reduced.

FEATURES

- User friendly, 240 x 64 pixels graphic display.
- Buttons to request tickets.
- 2 language operation (configurable by the client).
- PC embedded based on architecture x86 and support SSD for data storage.
- Cabinet constructed from 1,5 mm AISI 430 Stainless Steel with an oven dried polyester powder paint, suitable for outdoor use.
- Side door with a 3mm anchor point.
- Ethernet communications (TCP/IP).
- Barrier controlled by GPIO.
- Thermal printer to issue tickets in 1D/2D.
- Interior heating and ventilation system.

OPTIONAL

- Facial camera of low latency, integrable with the intercom.
- 1D/2D reader with capacity to read codes on tickets, printed paper and mobile devices.
- Proximity card reader.
- IP intercom for communication with the back office.

SPECIFICATIONS

- Power: 100-120 / 220-240 VAC. 50-60 Hz
- Consumption: 100 W (250 W with heater)
- Temperature using heater: -20ºC to 55 ºC
- Temperature with no heater: 0ºC to 55 ºC
- Dimensions (mm): 1100 x 270 x 330 (HxWxD)

STANDARD COLOUR OPTIONS

RAL 5023
RAL 9006

PKM SYSTEM COMPONENTS

EXIT TERMINAL

The PKM exit terminal stands out for its compact design, concentrated on the smallest possible space full of the power of technology.

FEATURES

- User friendly, 240 x 64 pixels graphic display.
- 2 language operation (configurable by the client).
- PC embedded based on architecture x86 and support SSD for data storage.
- Cabinet constructed from 1,5 mm AISI 430 Stainless Steel with an oven dried polyester powder paint, suitable for outdoor use.
- Side door with a 3mm anchor point.
- Ethernet net communications (TCP/IP).
- Barrier controlled by GPIO
- 1D/2D reader with capacity to read codes on tickets, printed paper and mobile devices.

OPTIONAL

- Facial camera with low latency, which can be integrated with the intercom.
- Proximity card reader.
- Interior heating and ventilation system.
- IP intercom for communication with the back office.

SPECIFICATIONS

- Power: 100-120 / 220-240 VAC. 50-60 Hz
- Consumption: 100 W (250 W with heater)
- Temperature using heater: -20ºC to 55 ºC
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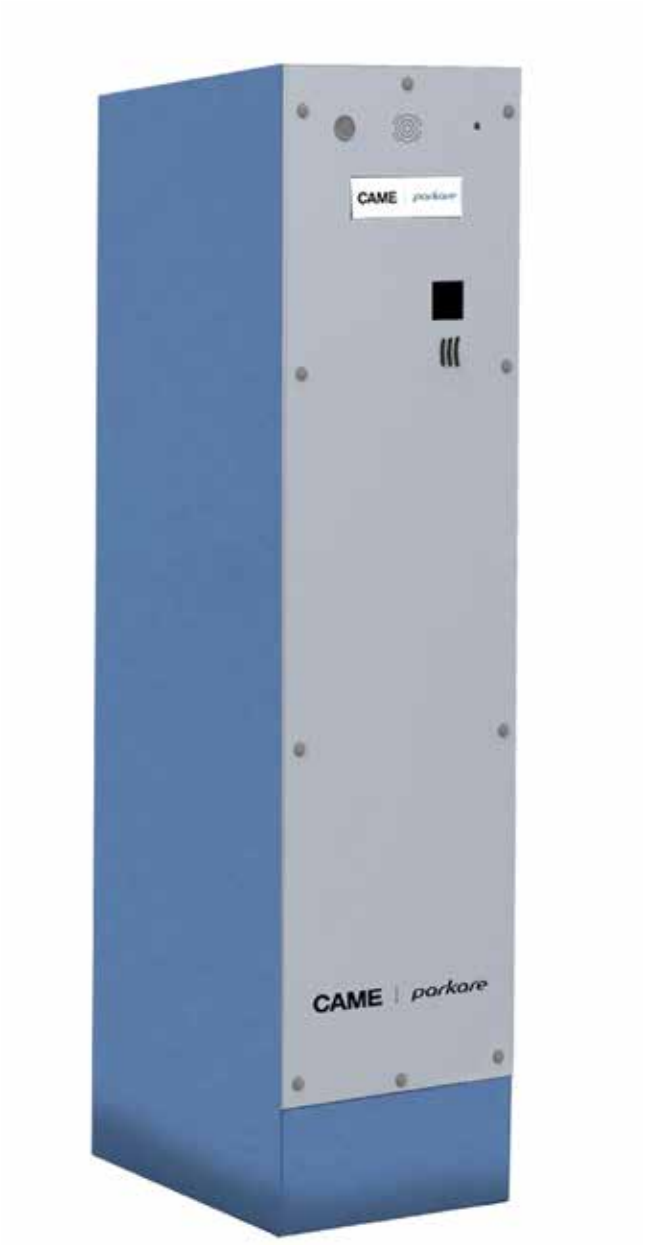
- Dimensions (mm): 1100 x 270 x 330 (HxWxD)



STANDARD COLOUR OPTIONS

RAL 5023
RAL 9006

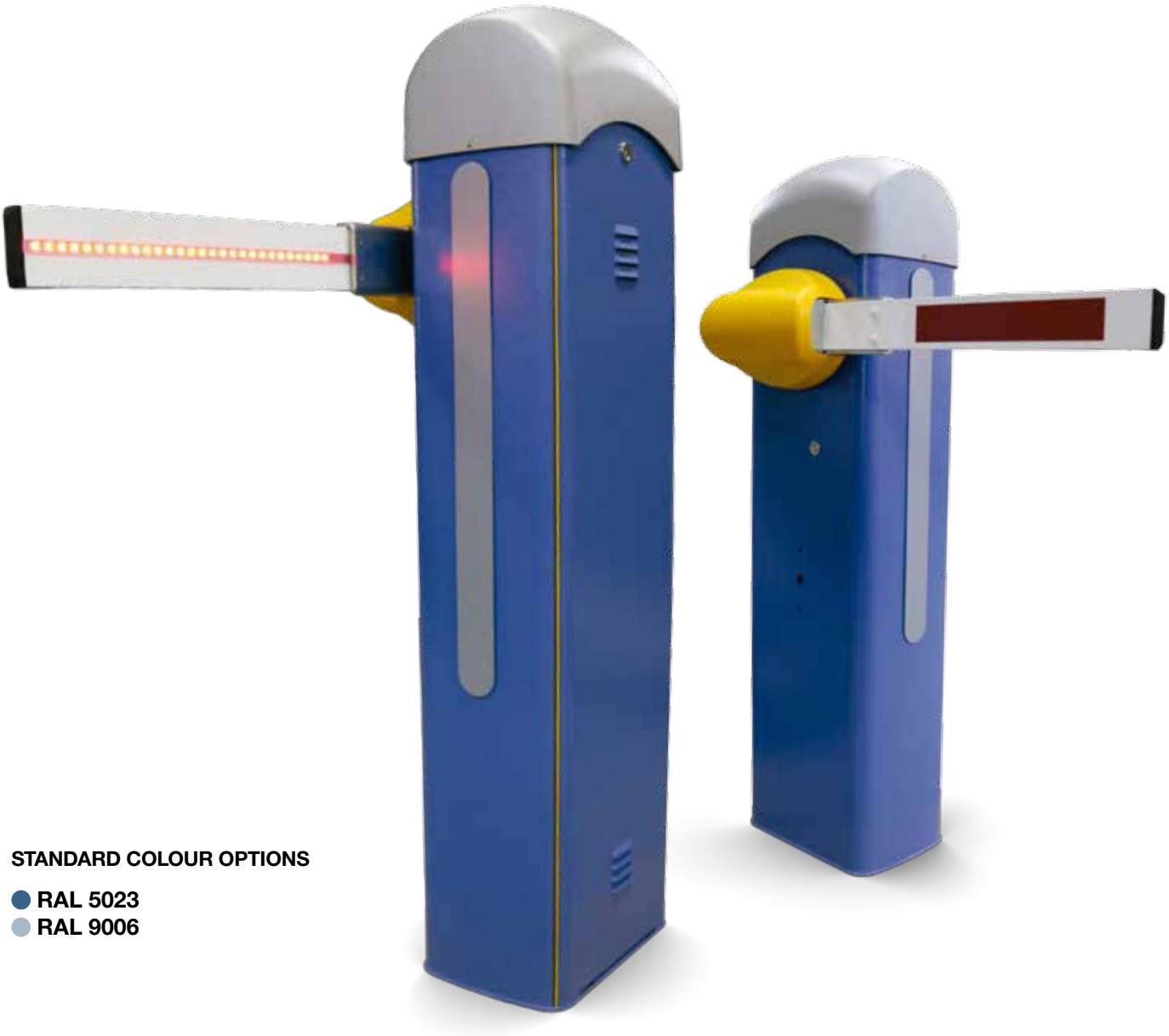
PKM SYSTEM

PKM SYSTEM COMPONENTS

PRK-CA **BARRIER**

Innovation and design for all-inclusive safety: these are the most recent additions to the PRK-CA barrier line family. Regulating traffic access, in combination with an entry or exit terminal the barrier provides the robustness required for a highly reliable system.

Designed for a range of openings up to 4m, the new PRK-CA barriers are the ideal solution for control of roads and parking areas for industrial and public use. The PRK-CA is available in the 230 V AC motor and the 24 V DC motor versions.



STANDARD COLOUR OPTIONS

- **RAL 5023**
- **RAL 9006**

FEATURES

- An electronic contact automatically interrupts the power supply voltage as soon as the inspection door is opened.
- Differentiated sensitivity spring for exceptional balancing of the bar.
- Command electronics, protected by a die-cast aluminium guard, positioned to make any type of intervention extremely practical.
- The safety photocells are affixed directly to the barrier body without affecting the aesthetics of the product.
- A specific security firmware connected to our Lince software is available.
- Polyester powder painted and galvanized steel housing.
- Available in dark grey or blue (RAL 5023).

BOOM

- Standard boom sizes are 3m and 4m to be easily adapted in the car park. Please contact us for details of non-standard lengths.

CONTROL BOARD

- Control of maximum operating time (motor protection).
- Impact detection option.
- Fallen boom detection option.

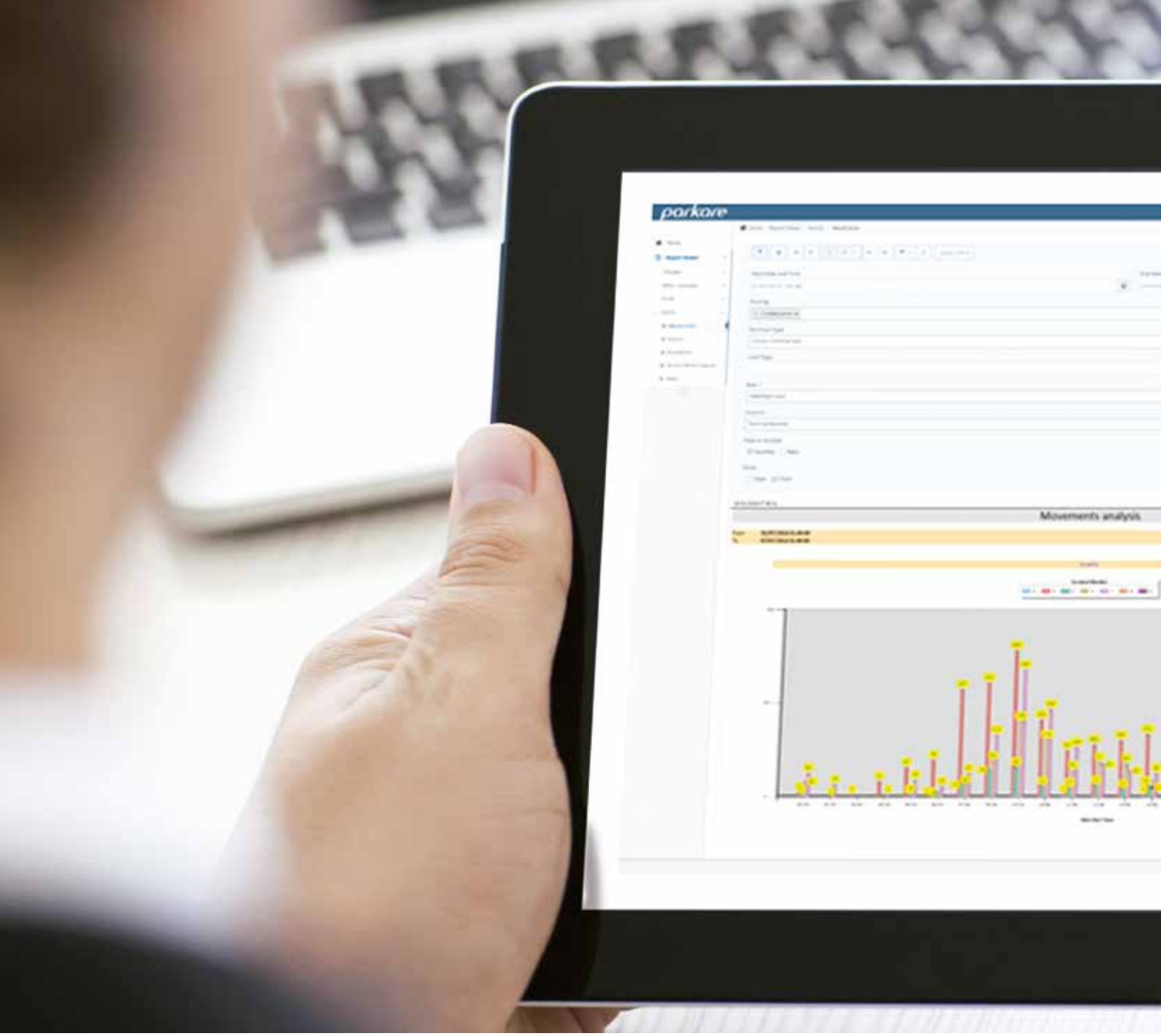
OPTIONAL

- Boom knock off sensor: Automatic detection of the presence of the boom on the support.
- Emergency battery back up: the command electronics automatically recognise a lack of power and activate the emergency operation using dedicated back up batteries.
- Illuminated boom: LED's inside to ensure more visibility.
- Articulated boom: Especially suitable for installations in locations with low ceiling clearance.
- Boom lengths: Solutions available for non-standard widths available on request.

SPECIFICATIONS

- Power: 230 V AC. 50/60 Hz
- Opening time at 90° (s): 2 ÷ 6
- Intermittency/Operating: Intensive service
- Reduction ratio: 1/202 i
- Insulation class: I
- Protection Rating: 54 IP
- Motor Power Supply: 24 V DC
- Max. absorption (A): 15 (24 V) / 1.3 (230 V)
- Consumption: 300 W
- Stand-by consumption: 5W
- Torque: 600 Nm
- Temperature of operation: -20°C to 55°C

DIMENSIONS (mm)



MANAGEMENT SOFTWARE: LINCE 6.0

Lince 6.0 is Came Parkare's revolutionary cloud-based car park management system, that offers real-time car park monitoring with the use of a responsive web browser via the Lince 6.0 web app for PC, tablet and smartphone.

This powerful online system provides up to the minute information and data reports on live parking systems situated across the globe, at the touch of a button. Simple to use and intuitive, the Lince 6.0 system update combines cloud-based ingenuity with local hardware capabilities to provide a complete car park management system.


El Corte Inglés
CAME parkare

MANAGEMENT SYSTEM: LINCE 6.0

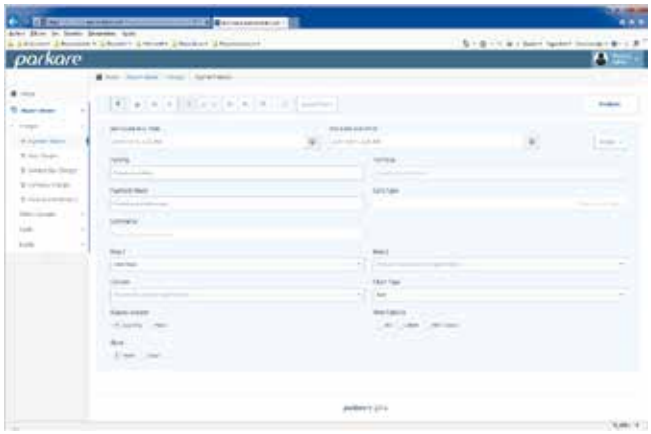
LINCE CLOUD BASED SOLUTION

MAIN FUNCTIONALITIES

- Web browser enabled.
- Web responsive for PC, tablet and smartphone.
- Real-time parking monitoring, control and
- maintenance.
- Multiple parking viewers based on roles.
- Multi-tenant services.
- Web-based reporting services.
- POS app for Smartphone.
- Car park equipment audit and updates.
- Customer integration over the web.

TECHNICAL OVERVIEW

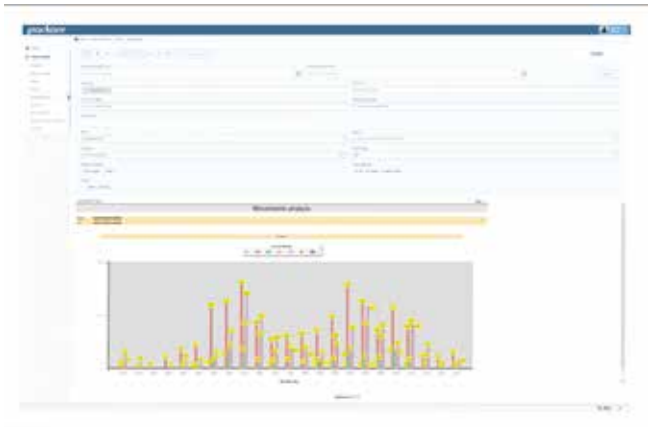
- High availability at specialised datacenters.
- Geo-redundancy of data and servers.
- Vertical auto-scaling (more power in servers at high demand moments).
- Horizontal auto-scaling (more servers on-line at high demand moments).
- Server maintenance and updates at the cloud, no on-premise maintenance required.

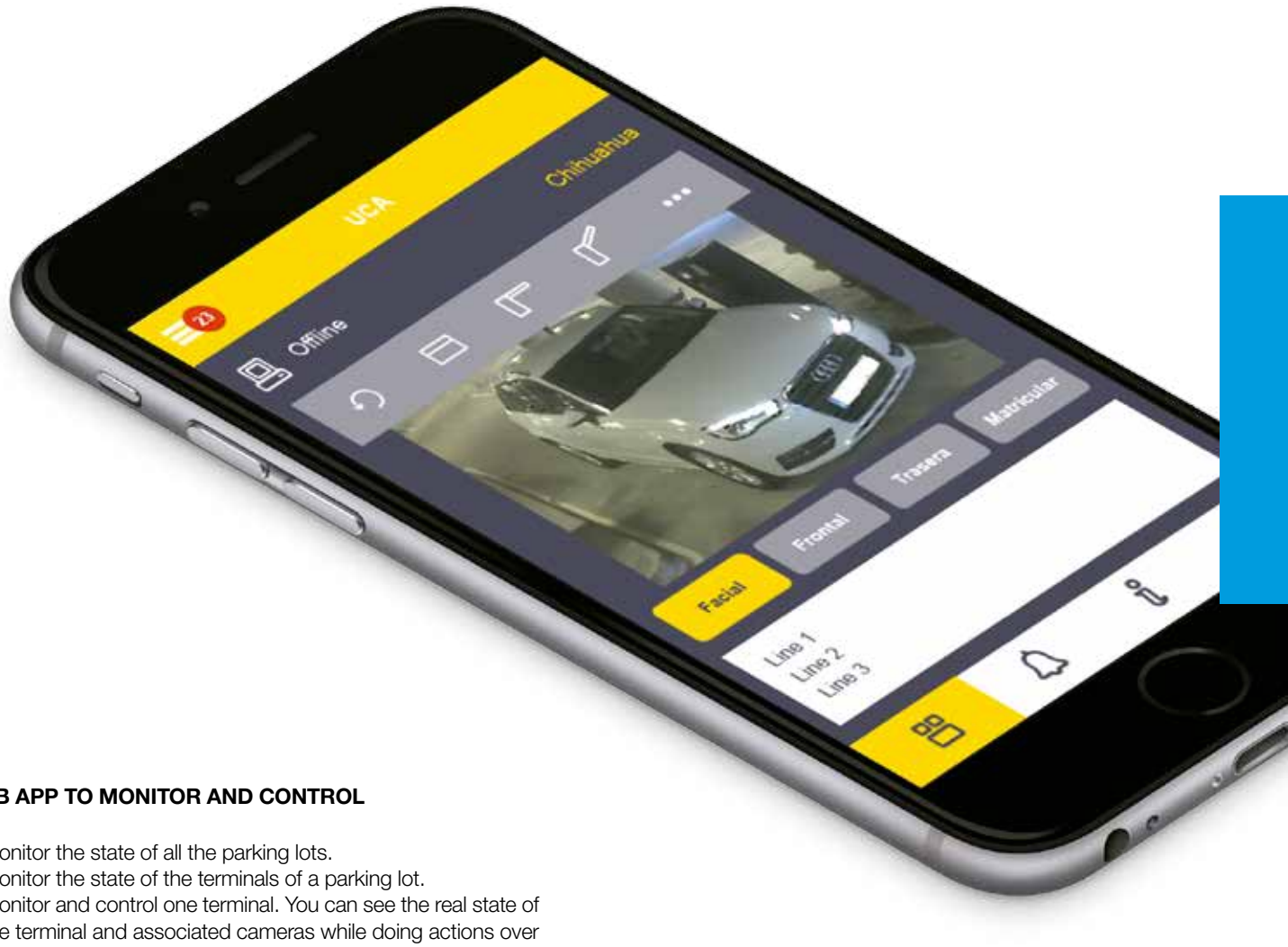


LINCE 6 WEB REPORTS

- Statistic reports about: payments, products, invoices and receipts.
- Cards records.
- Sales, balances refills.
- Movements and errors.
- Alarms and exceptions.
- Report of card consumptions.
- Report of pool groups.
- Reports of deferred payment.

In the reports you can apply filters by dates, parking lots, terminals, type of users and products; view graphics or details: exports to PDF, Word, Excel, Image (TIF), CSV, XML and MHTML.





WEB APP TO MONITOR AND CONTROL

- Monitor the state of all the parking lots.
- Monitor the state of the terminals of a parking lot.
- Monitor and control one terminal. You can see the real state of the terminal and associated cameras while doing actions over the terminal.
- Monitor and control the active alarms of a terminal. You can do actions over the affected devices.
- Monitor and control the advices of one or all the parking lots, including: exceptions, alarms, user mesaages.

MANAGEMENT SYSTEM: LINCE 6.0

MULTI-PARKING SYSTEM

MAIN FUNCTIONALITIES

Monitor and control remotely several car parks
Multi-parking software from Came Parkare allows you to manage entry/exit access, configurations, customers and payment methods, account data, and statistics, all consolidated for an efficient management of your network.

Modular products
Multi-parking is one of the manifold modular products from Lince, Came Parkare Car Park Management Software. These modular products are fully compatible with Lince and can easily be added to the system to upgrade it.

As easy as one single car park
This powerful tool makes it possible to control different car parks managed by the same company.

Worldwide
Car parks can be controlled, wherever they are in the world.

Configuration
Set different configurations for each car park.

Centralization of the information
Issue consolidated or specific reports easily – auditing, statistical analysis, financial management – generated in each car park.

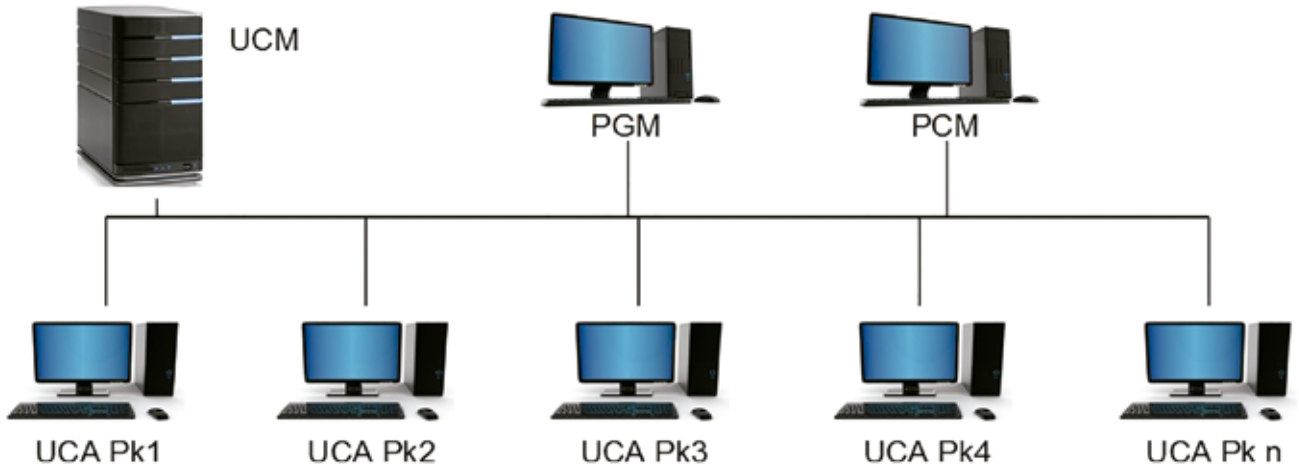
User-friendly interface
Screens layout have been specially design to meet users' satisfaction. The whole system is integrated into the Windows™ environment and built in .Net, so it is web-based, responsive for PC, tablets and smartphones.

Get connected
Use a tablet, a smartphone or a PC to connect to Multi-parking, it is up to you! Supports Wi-Fi connectivity, 4G and 3G.

Anti-PassBack
Prevents that a subscriber card can be used in more than one occasion to access to one or several car parks if the exit has not been registered in the system.

Many possible configurations
Set Multi-parking to your requirements, from a small net of car parks to big enterprises.

Related modular products
Multi-parking can be completed with the License Plate Recognition System. Just imagine having total control of all car parks, entry stations and exit stations. You will be able to solve any incident from your headquarters.



UCM - Multiparking Central Unit
PGM – Multiparking Management Post
PCM –Multiparking Control Post
UCA – Car Park Central Unit

LICENSE PLATE RECOGNITION SYSTEM

LPR

MAIN FUNCTIONALITIES

Monitor and control all incoming / outgoing cars
Use License Plate Recognition System to monitor and control in real-time all vehicles entering and leaving the car park/s.

Increase car park security level
All license plates are individually recognised and analysed. If a conflict turns up (for example, a reading error or an unexpected no-coincidence), the system immediately launches an incidence resolution request, so the car park staff can make the decision whether to authorise the entrance of the vehicle.

Modular products
License Plate Recognition System is one of the mainfold related products from Came Parkare. These products are fully compatible with Lince and can easily be added to the system to upgrade it.

Excellent recognition ratio
98%(*) reliability rates in license plate reading. Recognition of license plates from different countries around the world, including alphanumerical characters (Chinese, Arabic, Cyrillic and more).
(*) In Spain and Portugal.

Designed to be “all-in-one”
Quick installation as cameras share car park’s IP-LAN infrastructure system. There is no need to do any civil work or install a new Central Unit (PC).

Anti-fraud
Every ticket is assigned to a license plate, avoiding fraud by the exchange of tickets between users or vehicle theft.

Law compliance
The system prints the vehicle license plate on the entry ticket issued, in accordance with current legislation in some countries.

Lost tickets
The system links the license plate to a unique ticket number/ code for re-building lost tickets.

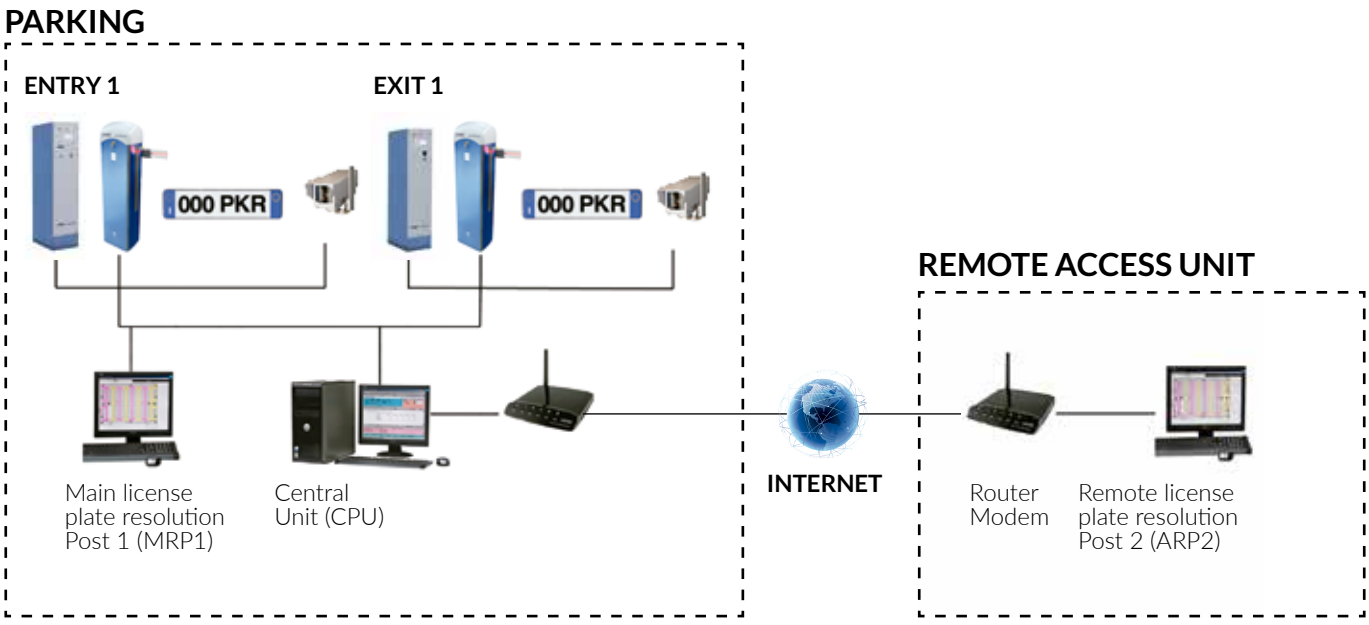
Dynamic access capability
LPR System allows ticketless / cardless operation in the car park.

Black lists
Automatic access restrictions for designated license plates.

Fast system
Rapid response time, configurable based on the number of images taken and processed per vehicle.

Robust
Solid structure prepared for outdoor use. Excellent performance in an extended temperature range.

Related car park products
LPR System can be completed with Multi-parking and/or Vehicle Auditing System, which can be easily installed. Monitor and control several car parks remotely or receive images regarding the status of the entering vehicles.



VEHICLE AUDITING SYSTEM

MAIN FUNCTIONALITIES

Check vehicles' status
Cameras take images from different parts of the vehicle on its entry to the car park, permitting verification of its status.

Modular products
Vehicle Auditing System is one of the mainfold related products from Came Parkare. These products are fully compatible with Lince and can easily be added to the system to upgrade it.

Increase security
There is an option to incorporate a facial camera for security tasks.

Anti-fraud
Prevents claims fraud for damage to vehicles.

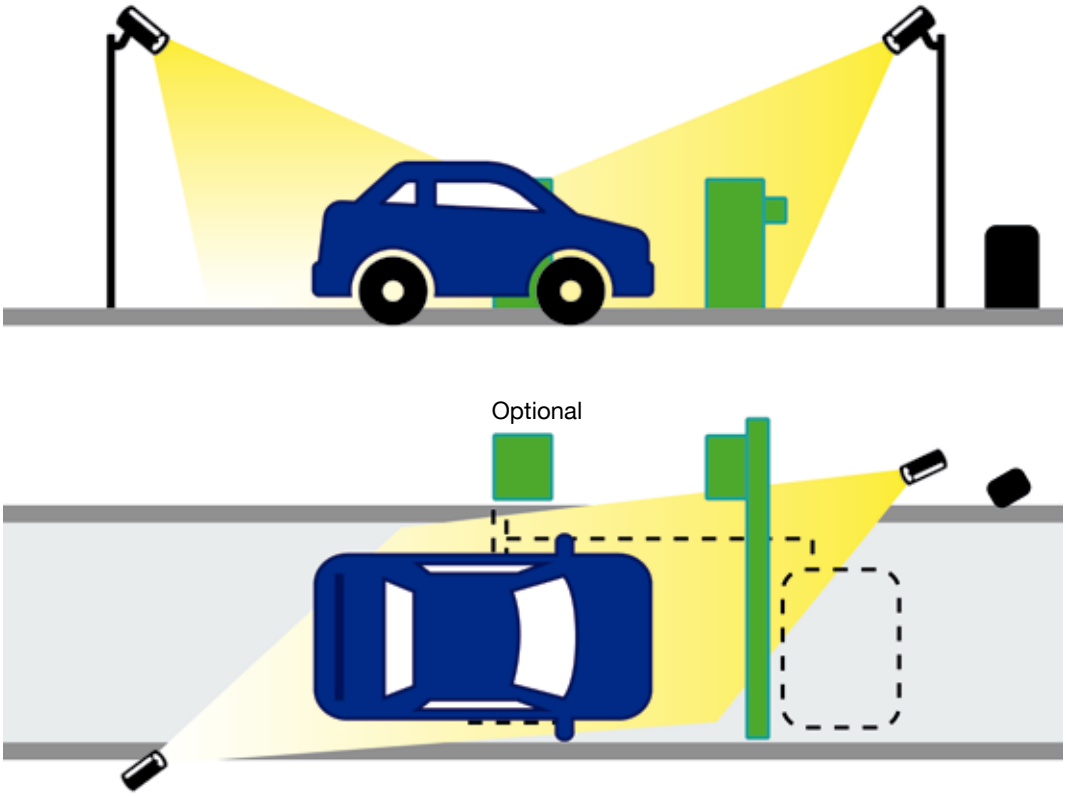
Scalable
From 1 to 3 IP cameras (facial, front and back).

Practical and easy access
Access images using the ticket number, number plate, entry time.

Secure
Access to information and the are database protected by access profiles.

Robust
Weather-proof posts. Excellent performance in an extended temperature range.

Related car park products
Vehicle Auditing System can be completed with LPR System, which can be easily installed. Monitor and control all incoming/ outgoing cars.




re
ROUP

VEHICLE GUIDANCE SYSTEM: OPTIMA

The Optima vehicle guidance system for car parks permits real-time car park occupancy control, which uses the information obtained to register and indicate the location and shortest path to the nearest available spaces users.


Sótano -2
Sótano -3
Ocupación de zonas
Aparcamiento
Sótano 2
Sótano 3
Hotel_S2
Hotel_S3
PLAZAS HOTEL
SAMSUNG

VEHICLE GUIDANCE SYSTEM

OPTIMA

The Optima Vehicle Guidance System for car parks permits real-time car park occupancy control, which uses the information obtained to register and indicate the location and shortest path to the nearest available spaces.

Rapid detection and indication of free spaces means an immediate increase in car park vehicle turnover (and, therefore, profitability), as well as these additional benefits:

- Increased fire safety in the car park, thanks to the system's built-in temperature sensors.
- Centralised, independent set-up for each sensor, including height, adapting to the specific form of each car park.
- Optimisation of electricity consumption in the car park, thanks to automatic adjustment of the lighting depending on various configurable factors.
- More efficient use and distribution, thanks to the sequential occupancy system by zones (fully configurable).

VEHICLE GUIDANCE SYSTEM

OPTIMA

The Optima Guidance System for car parks permits real-time car park occupancy monitor. With this information the system can indicate users the location and shortest path to available spaces.

Increase in car park rotation
The release of a space is registered in real-time, which contributes to traffic fluidity, improving rotation by 4% and in turn the car park's income.

Energy savings
Automatic management of spaces by levels and sectors means that energy is only used in the occupied areas.

Optimisation of human resources
The system does not require personnel to direct vehicles within the car park.

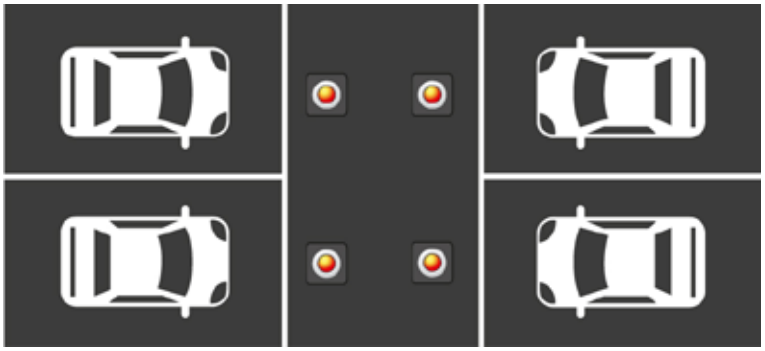
Client loyalty
The rapid detection of free spaces reduces client stress and allows users to spend more time on the purpose of their visit. Convenience and efficiency in the usage of time are key factors for client loyalty.

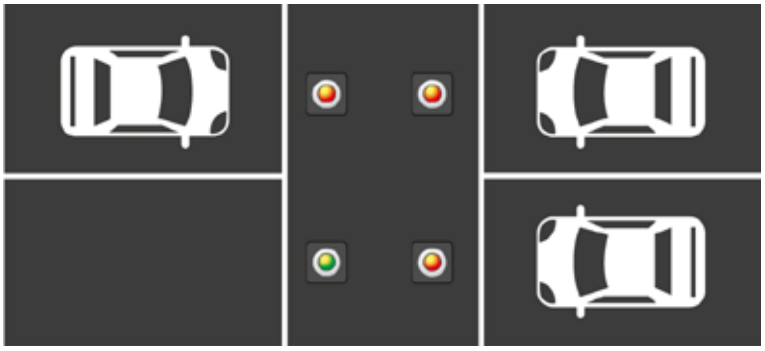
Commitment to the environment
By reducing the length of time a vehicle circulates in a car park, gas emissions and noise levels are also reduced.

Scalable
Optima is a modular system which can easily be expanded according to future requirements and can be perfectly integrated with other car parking systems.

Minimum maintenance
A completely automated system which does not require special maintenance or specially-trained personnel.

Quantifiable results
The statistics and graphics generated by the software enable decisions to be made using actual data.





REFERENCES

CASE STUDIES

Barcelona 'El-Prat' Airport
Spain

58 automatic pay stations, 45 entry terminals, 54 exit terminals including Optima Guidance system and ANPR.

In 2002, Parkare installed a parking system in T2 including 22 pay stations, 19 entry terminals, 23 exit terminals and 5,500 Optima Guidance System spaces. After its expansion in 2008, the Airport Authorities trusted in Parkare once more and we added another 36 pay stations, 26 entry terminals, 31 exit terminals and 7500 Guidance System Spaces to T1. All access terminals were supplied with ANPR cameras, associating all tickets with a number plate.

GAP Airport
Mexico

15 automatic pay stations, 22 entry terminals and 24 exit terminals.

GAP (Grupo Aeroportuario del Pacífico) Airports operates 12 airports in the Pacific region of Mexico, as part of a country initiative to privatise and improve quality and safety. During 2013 and 2014 Parkare installed it's Elegance parking systems at the following airports: Guadalajara, Tijuana, Vallarta, Hermosillo, Bajío Manzanillo, Los Mochis, La Paz, Los Cabos, Morelia, Aguascalientes, Mexicali.

The Galleries
UK

6 automatic pay stations, 4 entry terminals, 4 exit terminals, 7 barriers, 1 central unit and Optima Guidance system.

The Galleries Shopping Mall has been a loyal customer, and over the years we have supplied them with the latest generations of car parking equipment. The last complete upgrade was in 2011, when we installed an Elegance system - comprising of 4 entry and 4 exit terminals, 7 barriers, 6 pay stations, IP intercom system, cashier terminal and a Central Management Unit - as well as an Optima Guidance System for 1,000 spaces.

El Corte Inglés
Spain

57 automatic pay stations, 22 entry terminals and 23 exit terminals.

El Corte Ingles is a Spanish distribution group that is predominantly based in the department stores market. In February 2016 the car park for El Corte Ingles Madrid Xanadu was renovated, as part of a bigger project running throughout the country. Another 5 car parks in Barcelona, País Vasco, Murcia and Andalusia have already been renovated during 2014 and 2015. The project is ongoing and will be completed by 2017.

Mall Parque Arauco Shopping Centre Chile

57 automatic pay stations, 18 entry terminals, 27 exit terminals, 57 automatic payment stations and 2 manual cashiers, including ANPR and Tag.

Mall Parque Arauco is the most emblematic shopping center in Chile, The successful automation of its parking facilities was a turning point in the sector. From the start it became a trend better, by gradually incorporating various client-oriented features such as the use of loyalty cards (Arauco Pass) and tag antennas to enter, exit and pay for parking.

Centro Comercial Chipichape Colombia

10 automatic payment stations, 7 entry terminals and 7 exit terminals, including ANPR.

The Chipichape Mall provides a modern urban commercial complex, consiting of shopping, gaming, restaurants, cinemas, gym and a hotel, and is one of the places most frequented by tourists visiting Cali. In 2013 Parkare installed an Elegance parking system in Centro Comercial Chipichape, including number plate recognition in all of its access terminals with cameras for vehicle auditing.

ADDITIONAL REFERENCES

EUROPE
- Malaga Airport, Spain
- Alicante Airport, Spain
- Lanzarote Airport, Spain
- Seville Airport, Spain
- Madrid-Barajas South, P-5, Spain
- Tenerife Airport, Spain
- Valencia Airport, Spain
- Huelva Airport, Spain
- Diagonal Mar, Barcelona, Spain
- Ikea, Barcelona, Spain
- El Corte Inglés, Multiple Locations, Spain
- Plaza Glorias, Barcelona, Spain
- Southend Airport, UK
- Plymouth City Airport, Crownhill, UK
- Clifton Bridge, Bristol, UK
- Robin Hood Airport, Doncaster, UK
- Dublin Airport, Ireland

CENTRAL AMERICA
- Multiplaza Escazú Shopping Centre, Costa Rica
- Zona Centro, Costa Rica
- Promise, Costa Rica
- Panamá Pacific, Panamá

SOUTH AMERICA
- Benito Juárez International Airport, Mexico
- Guadalajara Airport, Mexico
- Perisur Shopping Centre, Mexico
- Walmart Cuajimalpa Shopping Centre, Mexico
- Puerto Paraíso Shopping Centre, Mexico
- Cancún Airport, Mexico
- OMA: 13 Airports, Mexico
- Plaza Satélite, Mexico
- Perisur, Mexico D.F., Mexico
- Ciudad Carso, Mexico D.F., Mexico
- Plaza Cibeles, Mexico D.F., Mexico
- Galerías Pachuca, Mexico D.F., México
- Mall Parque Arauco Shopping Centre, Santiago, Chile
- Open Plaza Mall Angamos, Perú
- Larcomar, Perú
- Cafam La Floresta Shopping Centre, Colombia

ASIA
- Raffles City, Singapore

AUSTRALIA
- Harbour Town Perth, Australia

Please contact us for more information on any of our systems, or to get a quote:

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Email **info@parkaregroup.com**
Visit **cameparkare.com**

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Came S.p.A. is has the following Quality, Environmental and Safety certifications:
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Via Martiri della Libertà, 15
31030 Dosson di Casier
Treviso - Italy

Tel. (+39) 0422 4940
Fax (+39) 0422 4941
info@came.it - www.came.com

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