



The Pay Station PKE 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 advertising and sale of parking products. Designed to improve the profitability of the car park, it is low maintenance and provides high availability while unattended.

Installation details

Temperature of operation:	-20°C to 50 °C using heater, 0°C to 50 °C with no heater
Power:	100-120 / 220-240 VAC. 50-60 Hz
Consumption:	200 W (450 W with heater)
Dimensions:	1690 mm x 1000 mm x 538 mm (height x width x depth)

Standard Composition

User interface

- Touch screen TFT 15.6" LVDS in panoramic format.
- 4 languages operation (defined by the client).
- IP intercom based on SIP protocols SIP, for communication with the back office.
- Presence detector of the user.

Components

- Barcode reader 1D/2D, with capacity for reading codes on tickets, printed paper and mobile devices (smartphones, tablets...).
- Thermal receipt printer.
- Embedded PC based on architecture x86 and support SSD for data storage.
- Internal ventilation system regulated electronically.

Payment module

- Coins module with change giving, accepting up to 16 denominations of different coins and automatic return of 4 different values.
- 4 self-charging coin hoppers, with capacity of 1500 coins/each(x2) and 750 coins/each. (x2).
- Security coin box for collection, 5.5 litres of capacity.

Exterior and security

- Cabinet of 2 mm AP02 steel, antioxidant treatment and powder coating formulated with polyester resins and free of TGIC.
- Front door with security lock and 3 locking points.
- Micro sensors for detection: door opening, lock, coin box removal, hoppers removal and note box removal.
- Operating display protected by 4mm polycarbonate (2 mm for the display and 2 mm for the touchscreen interlayered).
- Exterior (front) and interior lighting system.
- Available in signal yellow and white aluminium (RAL 1003 and 9006) or dark grey and white aluminium (5368A0837 and RAL 9006).

Certifications

Directive 2004/108/CE, Directive 2006/95/CE, UNE-EN 61000-6-3, UNE-EN 61000-6-1, EN 301 489-1 V1.9.2, EN 301 489-3 V1.6.1, UNE-EN 60950-1, UNE-EN 20324.

Degree of protection

- EN 60529. Degree of protection of the case: IP54.

- UNE-EN 50102. Degree of protection of the case against external impacts: IK10
- UNE-EN 14450. Secured storage units, theft resistance.

Options

User interface

- Facial camera of low latency, integrated with the intercom.
- LED lighting / signalling status of the terminal.
- Advertising 28" TFT color display for ads promotion.

Components

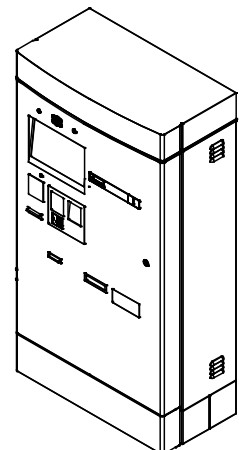
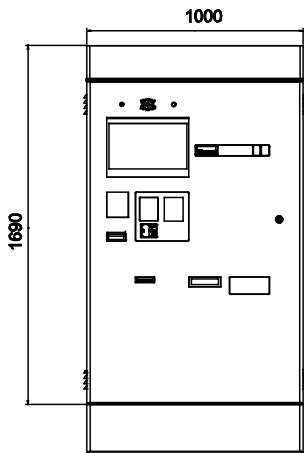
- Proximity card reader (ISO 14443, ISO 18092, ISO 7816).
- QR Technology. Thermal primer to issue lost ticket and other barcode products in 1D/2D (QR), with presenter and paper of de 105 µm (not compatible with PGCT technology).
- PGCT Technology. PGCT ticket transport, allowing reading and encoding of tickets in magnetic stripe format (lateral - standard ISO 2- or central) with integral laserscannerto read barcodes and the ability to retain tickets (not compatible with QR technology).
- Receipt printer with paper of 67 µm. (Optiononly available for those countries where required).
- Uninterruptible Power Supply (UPS), allowing the pay station complete ongoing operations in case of power failure.
- Heating system.

Payment modules

- EMV reader for credit card with chip and proximity payments (NFC). Keyboard module the introduction of PIN code, optional. Ask availability for approval in different countries.
- Note reader, with capacity of reading 100 different notes in 4 ways andescrow function. Stackable note dispenser of 600 notes (optional). Only one slot.
- Accept notes with change giving system. Multiscrow available and capacity of recycling of 2 denominations, Up to 60 notes in each deposit. Stackable note dispenser of 600 notes. Only one slot.
- Note dispenser (single notes dispensed preloaded in deposit). Up to 500 notes per unit and up to 4 deposits (optional). Only slot. No compatible with option note change giving.
- 2 extra hoppers for manual self-charging coins, with capacity of 750 coins/un. (1€).
- 1 multi valued hopper for self-charging coin.

Exterior and security

- Alarm door opened.





The Cashless Pay Station PKE 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.

Installation details

Temperature of operation:	-20°C to 50 °C using heater, 0°C to 50 °C with no heater
Power:	100-120 / 220-240 VAC. 50-60 Hz
Consumption:	200 W (450 W with heater)
Dimensions:	1690 mm x 520 mm x 538 mm (height x width x depth)

Standard Composition

User interface

- Touch screen TFT 15.6" LVDS in panoramic format.
- 4 languages operation (defined by the client).
- IP intercom based on SIP protocols SIP, for communication with the back office.
- Presence detector of the user.

Components

- Barcode reader 1D/2D, with capacity for reading codes on tickets, printed paper and mobile devices (smartphones, tablets...).
- Thermal receipt printer.
- Embedded PC based on architecture x86 and support SSD for data storage.
- Internal ventilation system regulated electronically.

Payment modules

- EMV reader for credit card with chip and proximity payments (NFC). Keyboard module the introduction of PIN code (optional). Ask availability for approval in different countries.

Exterior and security

- Cabinet of 2 mm AP02 steel.
- 2 mm thick front door, strap impact with a bolt of 2 mm with one point anchor.
- Operating display protected by 4 mm Polycarbonate (2 mm for the display and 2 mm for the touchscreen interlayered).
- Micro sensor for automatic detection of door opening.
- Exterior (front) and interior lighting system.
- Available in signal yellow and white aluminium (RAL 1003 and 9006) or dark grey and white aluminium (5368A0837 and RAL 9006).

Certifications

Directive 2004/108/CE, Directive 2006/95/CE, UNE-EN 61000-6-3, UNE-EN 61000-6-1, EN 301 489-1 V1.9.2, EN 301 489-3 V1.6.1, UNE-EN 60950-1, UNE-EN 20324

Degree of protection

- EN 60529. Degree of protection of the case: IP54.
- UNE-EN 50102. Degree of protection of the case against external impacts: IK10
- UNE-EN 14450. Secured storage units, theft resistance: S1.

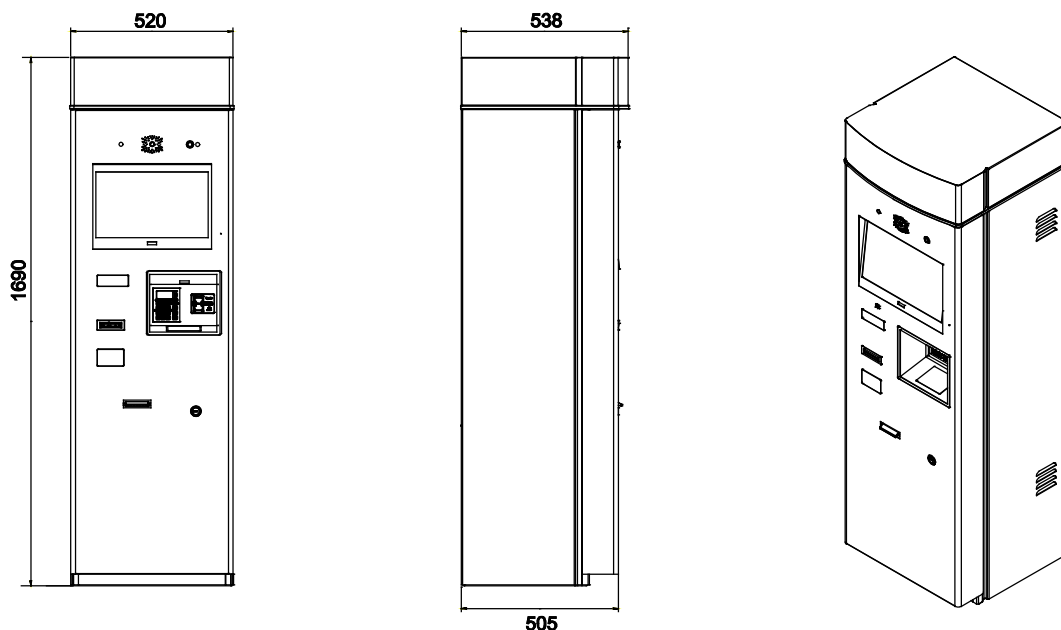
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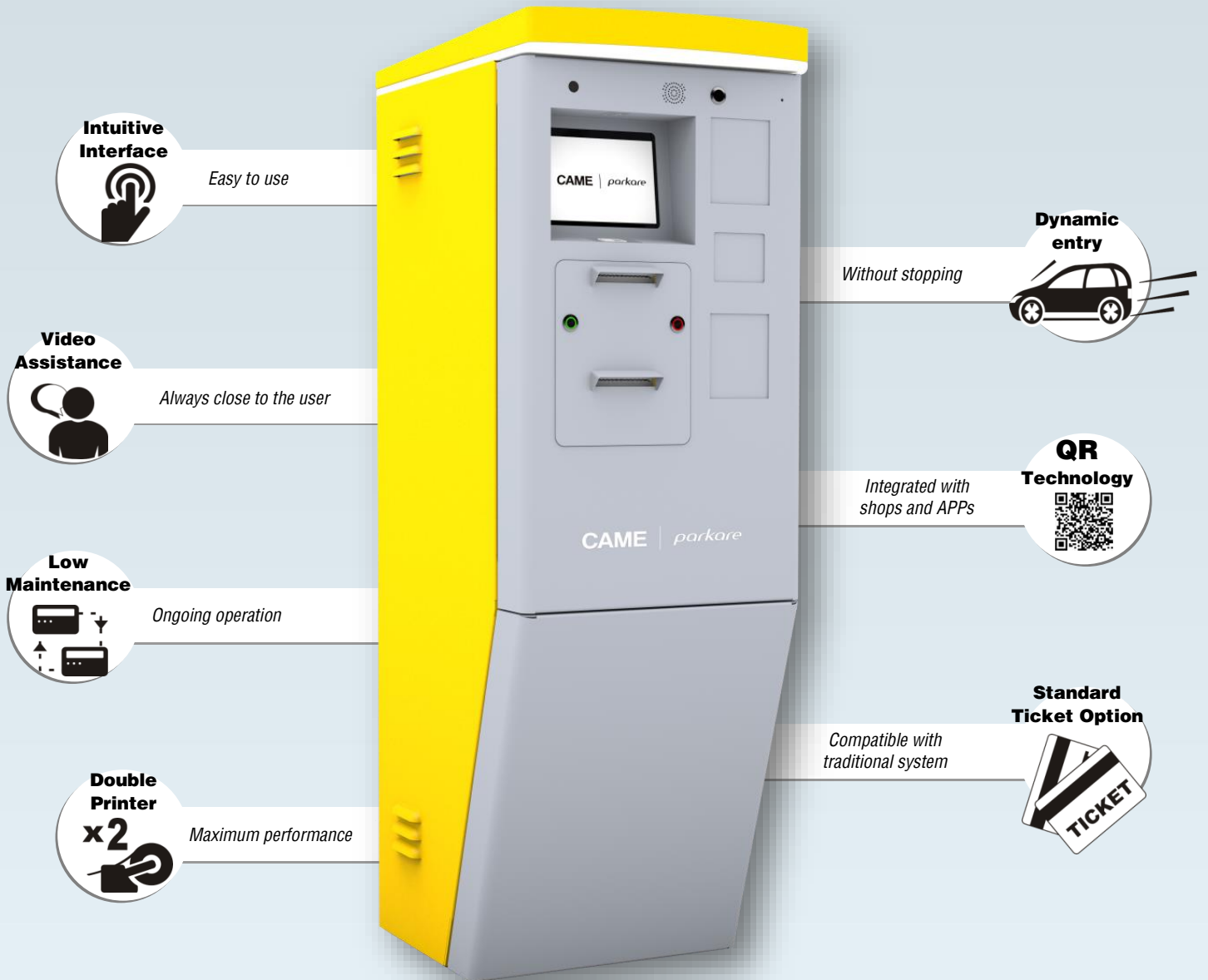
User interface

- Facial camera of low latency, intergrated with the intercom.
- LED lighting / signalling status of the terminal.

Components

- Proximity card reader (ISO 14443, ISO 18092, ISO 7816).
- Thermal primer to issue lost ticket and other barcode products in 1D/2D (QR), with presenter and paper of de 105 µm.
- PGCT ticket transport, allowing reading and encoding of tickets in magnetic stripe format (lateral - standard ISO 2- or central) with integral laser scanner to read barcodes and the ability to retain tickets.
- Receipt printer with paper of 67 µm. (Option only available for those countries where required).
- Uninterruptible Power Supply (UPS), allowing the pay station complete ongoing operations in case of power failure.
- Heating system.





The Entry Terminal PKE offers an elegant design and compatibility with any ticket technology and market data that is configured especially for devices (RFID, TAG...) or optical media (number plate, barcodes, QR...).

Installation details

Temperature of operation:	-20°C to 55 °C using heater, 0°C to 55 °C with no heater.
Power:	100-120 / 220-240 VAC. 50-60 Hz.
Consumption:	120 W (270 W with heater).
Dimensions:	1.242 mm x 400 mm x 530 mm (height x width x depth).

Standard Composition

User interface

- Screen 7" TFT (no touch) and buttons (illuminated or not) to request tickets and TAG (i.e. ViaVerde, Via-T, etc).
- 2 language operation (defined by the client).
- IP intercom based on SIP protocols SIP, for communication with the back office.

Components

- PC embedded based on architecture x86 and support SSD for data storage.

Exterior and security

- Stainless Steel AISI 430 cabinet of 2 mm, painted.
- Front door 2 mm thick with closing impact to the cabinet with a 2mm anchor bolt.
- Side door with lock mechanism.
- Sensor to detect open/close in both doors.
- Exterior (front) and interior lighting system.
- Available in double height (Cars/ Buses-Lorries).
- Available in signal yellow and white aluminium (RAL 1003 and 9006) or dark grey and white aluminium (5368A0837 and RAL 9006).

Communications

- Ethernet net communications (TCP/IP).
- Barrier controlled by GPIO or, as an option, Ethernet.

Certifications

Directive 2004/108/CE, Directive 2006/95/CE, UNE-EN 61000-6-3, UNE-EN 61000-6-1, EN 301 489-1 V1.9.2, EN 301 489-3 V1.6.1, UNE-EN 60950-1.

Degree of protection

- UNE-EN 20324 (EN 60529). Degree of protection of the case: IP54.
- UNE-EN 50102. Degree of protection of the case against external impacts: IK10

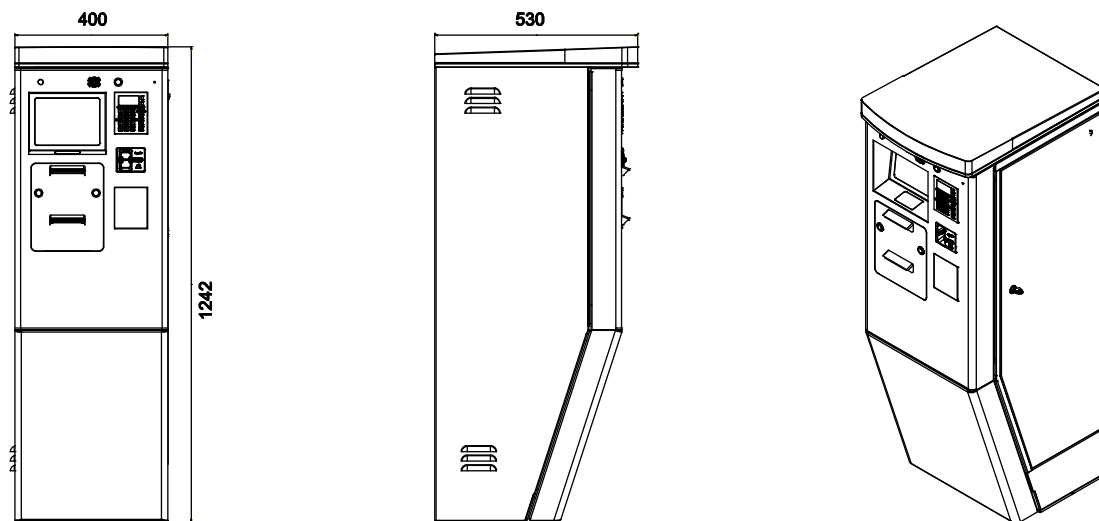
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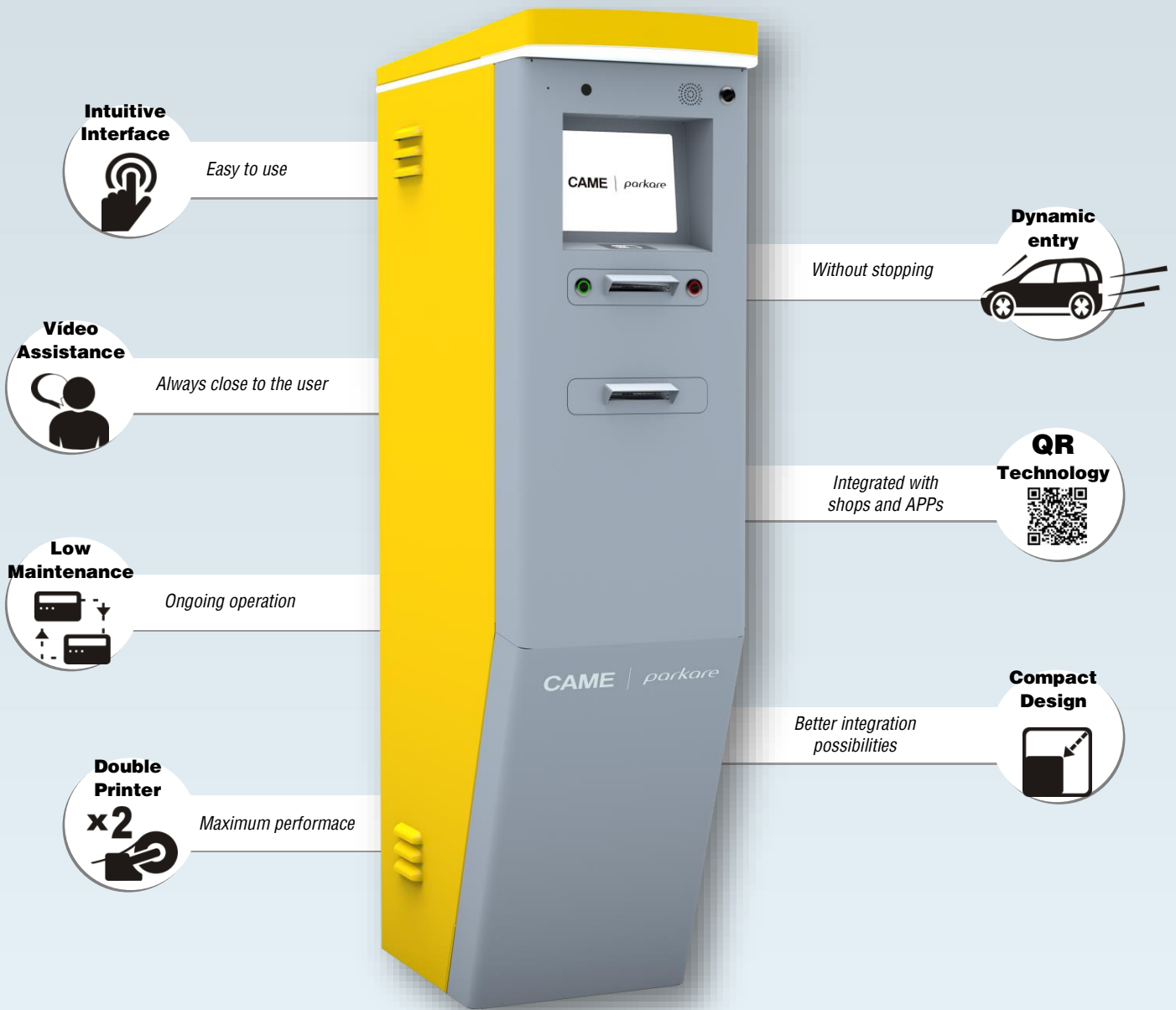
User interface

- Facial camera of low latency, integrable with the intercom.
- LED lighting / signalling status of the terminal.
- Touch screen 7" TFT.

Componentes

- Barcode reader 1D/2D (QR), with capacity for reading codes in tickets, printed paper and mobile devices (smartphones, tablets...).
- Proximity card reader (ISO 14443, ISO 18092, ISO 7816).
- Thermal primer to issue lost tickets and other barcode products in 1D/2D (QR), with presenter and paper of 105mm.
- Second Thermal printer 1D/2D (QR) to connect when the first printer runs out tickets.
- PGCT ticket transport, allowing reading and encoding of tickets in magnetic stripe format (lateral - standard ISO 2- or central) with integral laser scanner to read barcodes and the ability to retain tickets.
- EMV reader for credit card with chip and proximity payments (NFC). Keyboard module the introduction of PIN code (ticketless), optional. Please ask for availability and approval in different countries.
- Collection box for QR tickets.
- Interior heating and ventilation system.





The Entry Terminal PKE Slim stands out for its compact design, concentrated on the smallest possible space full power of QR Technology without giving up a suggestive and intuitive user interface.

Installation details

Temperature of operation:	-20°C to 55 °C using heater, 0°C to 55 °C with no heater.
Power:	100-120 / 220-240 VAC. 50-60 Hz.
Consumption:	120 W (270 W with heater).
Dimensions:	1.242 mm x 310 mm x 530 mm (height x width x depth).

Standard composition

User interface

- Screen 7" TFT (no touch) and buttons (illuminated or not) to request tickets and TAG (i.e. ViaVerde, Via-T, etc).
- 2 languages operation (defined by the client).
- IP intercom based on SIP protocols SIP, for communication with the back office.

Components

- PC embedded based on architecture x86 and support SSD for data storage.

Exterior and security

- Stainless Steel AISI 430 cabinet of 2 mm, painted.
- Side door with lock mechanism.
- Sensor to detect open/close in both doors.
- Exterior (front) and interior lighting system.
- Available in double height (Cars/ Buses-Lorries).
- Available in signal yellow and white aluminium (RAL 1003 and 9006) or dark grey and white aluminium (5368A0837 and RAL 9006).

Communications

- Ethernet net communications (TCP/IP).
- Barrier controlled by GPIO or, as an option, Ethernet.

Certifications

Directive 2004/108/CE, Directive 2006/95/CE, UNE-EN 61000-6-3, UNE-EN 61000-6-1, EN 301 489-1 V1.9.2, EN 301 489-3 V1.6.1, UNE-EN 60950-1.

Degree of protection

- UNE-EN 20324 (EN 60529). Degree of protection of the case: IP54.
- UNE-EN 50102. Degree of protection of the case against external impacts: IK10

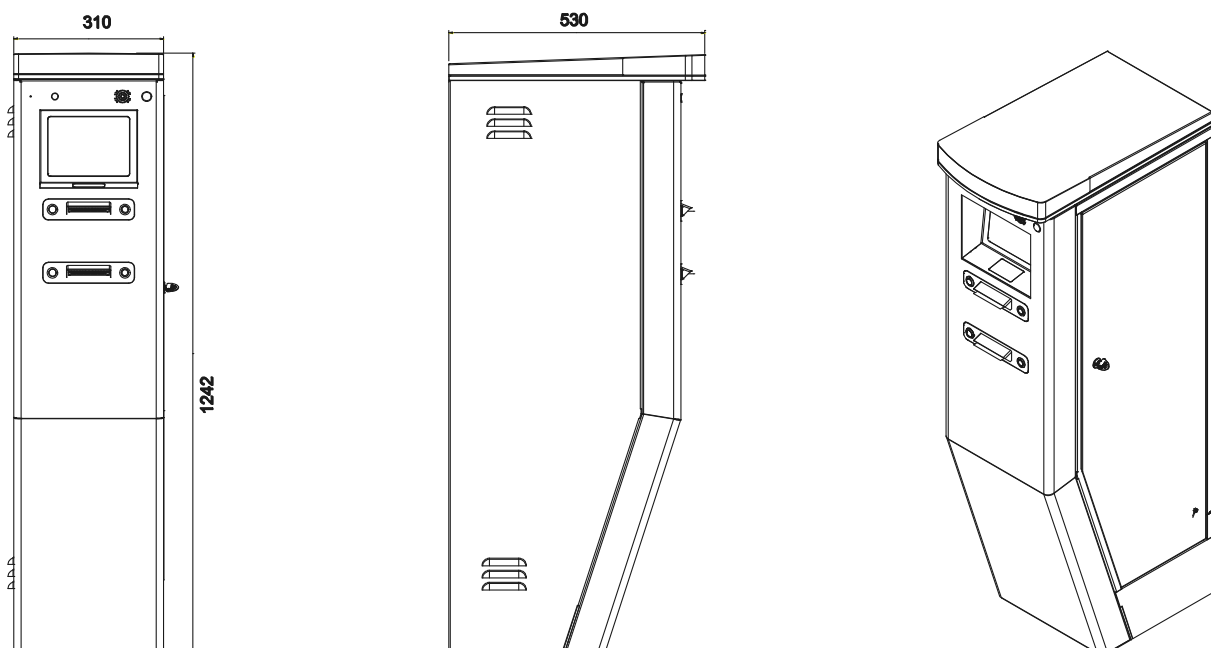
Options

User Interface

- Facial camera of low latency, integrable with the intercom.
- LED lighting / signalling status of the terminal.
- Touch screen 7" TFT.

Components

- Barcode reader 1D/2D (QR), with capacity for reading codes in tickets, printed paper and mobile devices (smartphones, tablets...).
- Proximity card reader (ISO 14443, ISO 18092, ISO 7816).
- Thermal printer to issue lost ticket and other barcode products in 1D/2D (QR), with presenter and paper of de 105 µm.
- Second Thermal printer 1D/2D (QR) to connect when the first printer runs out tickets.
- Collection box for QR tickets.
- Interior heating and ventilation system.





The Exit Terminal PKE offers an elegant design and compatibility with any ticket technology and market data that is configured especially for devices (RFID, TAG...) or optical media (number plate, barcodes, QR...).

Installation details

Temperature of operation:	-20°C to 55 °C using heater, 0°C to 55 °C with no heater.
Power:	100-120 / 220-240 VAC. 50-60 Hz.
Consumption:	120 W (270 W with heater).
Dimensions:	1.242 mm x 400 mm x 530 mm (height x width x depth).

Standard composition

User interface

- Screen 7" TFT (no touch).
- 2 languages operation (defined by the client).
- IP intercom based on SIP protocols, for communication with the back office.

Components

- PC embedded based on architecture x86 and support SSD for data storage.

Exterior and security

- Stainless Steel AISI 430 cabinet of 2 mm, painted.
- Front door 2 mm. thick with closing impact to the cabinet with a 2 mm anchor bolt.
- Side door with lock mechanism.
- Sensor to detect open/closed in both doors.
- Exterior (front) and interior lighting system.
- Available in double height (Cars/ Buses-Lorries).
- Available in signal yellow and white aluminium (RAL 1003 and 9006) or dark grey and white aluminium (5368A0837 and RAL 9006).

Communications

- Ethernet net communications (TCP/IP).
- Barrier controlled by GPIO or, as an option, Ethernet

Certifications

Directive 2004/108/CE, Directive 2006/95/CE, UNE-EN 61000-6-3, UNE-EN 61000-6-1, EN 301 489-1 V1.9.2, EN 301 489-3 V1.6.1, UNE-EN 60950-1.

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- UNE-EN 20324 (EN 60529). Degree of protection of the case: IP54.
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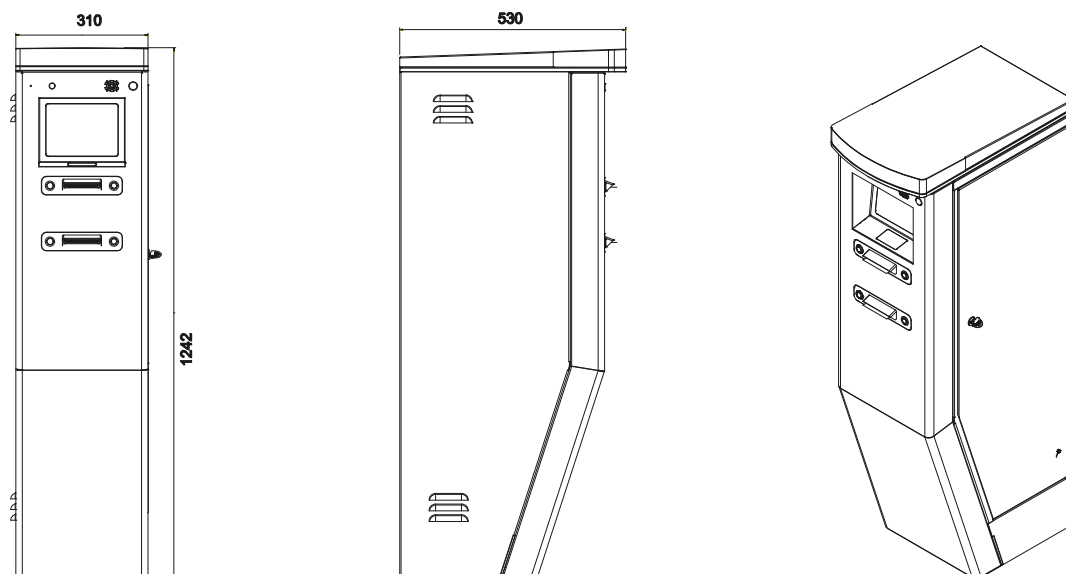
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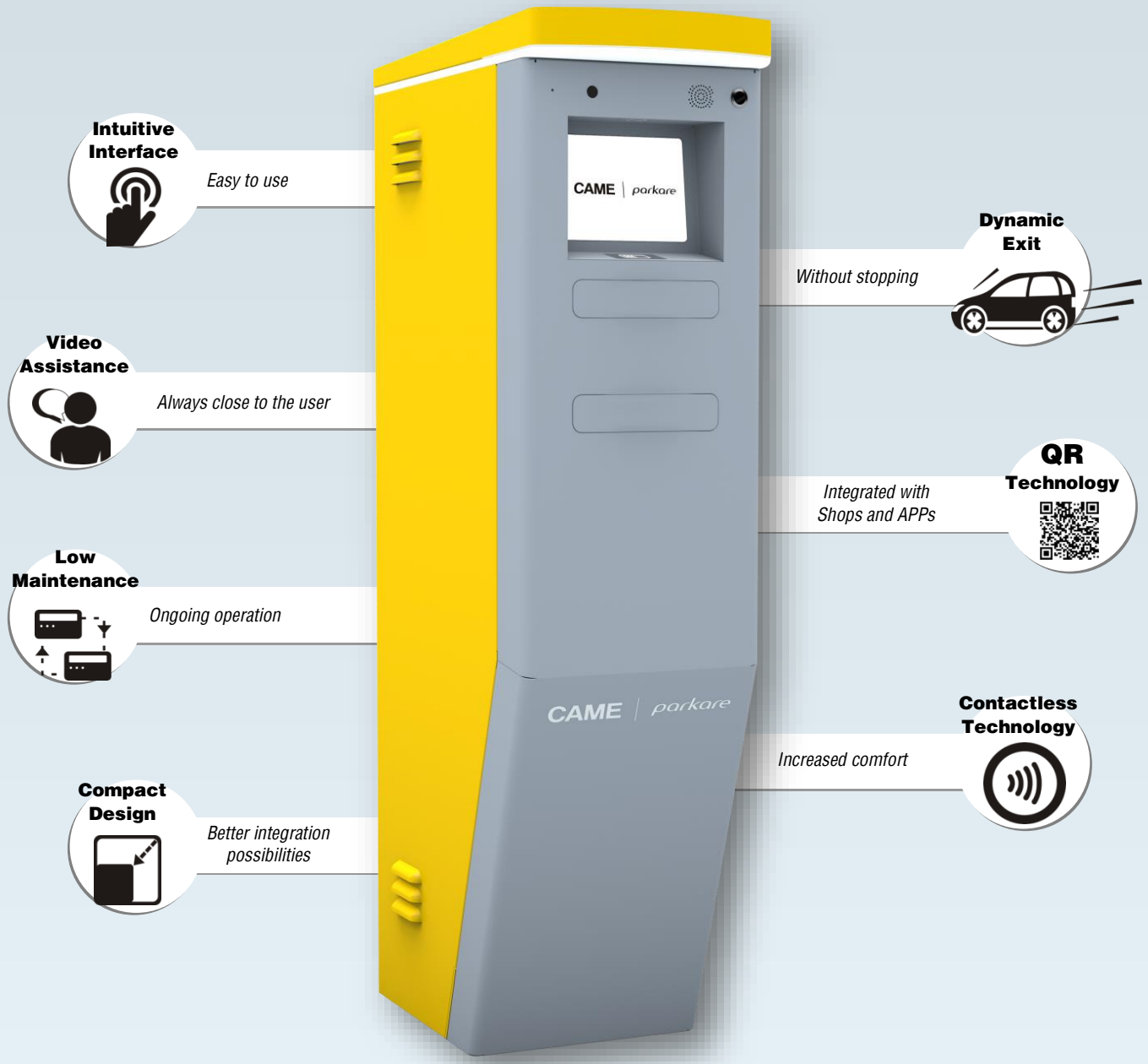
User interface

- Touch screen 7" TFT.
- Receipt request button (only with pay on exit option).
- Facial camera of low latency, integrable with the intercom.
- LED lighting / signalling status of the terminal.

Components

- Barcode reader 1D/2D (QR), with capacity for reading codes in tickets, printed paper and mobile devices (smartphones, tablets...).
- Proximity card reader (ISO 14443, ISO 18092, ISO 7816).
- PGCT ticket transport, allowing reading and encoding of tickets in magnetic stripe format (lateral - standard ISO 2- or central) with integral laser scanner to read barcodes and the ability to retain tickets.
- EMV reader for credit card with Chip and proximity payments (NFC). Keyboard module the introduction of PIN code, optional. Ask availability for approval in different countries.
- Receipt printer with paper of 67 µm. (Option only available for pay on exit).
- Receipt printer with paper of 67 µm. (Option only available for pay on exit and for those countries where required).
- Interior heating and ventilation system.





The Exit Terminal PKE Slim offers a compact design, concentrating the smallest possible space for full power QR Technology, without compromising the suggestive and intuitive user interface.

Installation details

Temperature of operation:	-20°C to 55 °C using heater, 0°C to 55 °C with no heater.
Power:	100-120 / 220-240 VAC. 50-60 Hz.
Consumption:	120 W (270 W with heater).
Dimensions:	1.242 mm x 310 mm x 530 mm (height x width x depth).

Standard composition

User interface

- Screen 7" TFT (no touch).
- 2 language operation (defined by the client).
- IP intercom based on SIP protocols, for communication with the back office.

Components

- PC embedded based on architecture x86 and support SSD for data storage.

Exterior and security

- Stainless Steel AISI 430 cabinet of 2 mm, painted.
- Side door with lock mechanism.
- Sensor to detect open/close in both doors.
- Exterior (front) and interior lighting system.
- Available in double height (Cars/ Buses-Lorries).
- Available in signal yellow and white aluminium (RAL 1003 and 9006) or dark grey and white aluminium (5368A0837 and RAL 9006).

Communications

- Ethernet net communications (TCP/IP).
- Barrier controlled by GPIO or as an option, Ethernet.

Certifications

Directive 2004/108/CE, Directive 2006/95/CE, UNE-EN 61000-6-3, UNE-EN 61000-6-1, EN 301 489-1 V1.9.2, EN 301 489-3 V1.6.1, UNE-EN 60950-1.

Degree of protection

- UNE-EN 20324 (EN 60529). Degree of protection of the case: IP54.
- UNE-EN 50102. Degree of protection of the case against external impacts: IK10

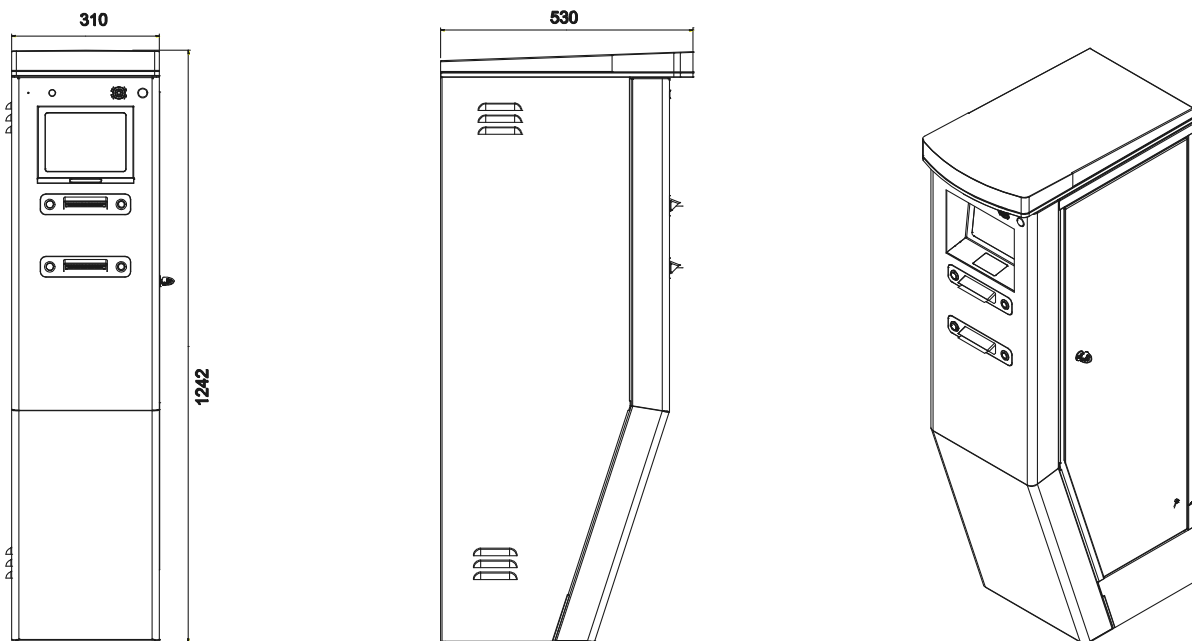
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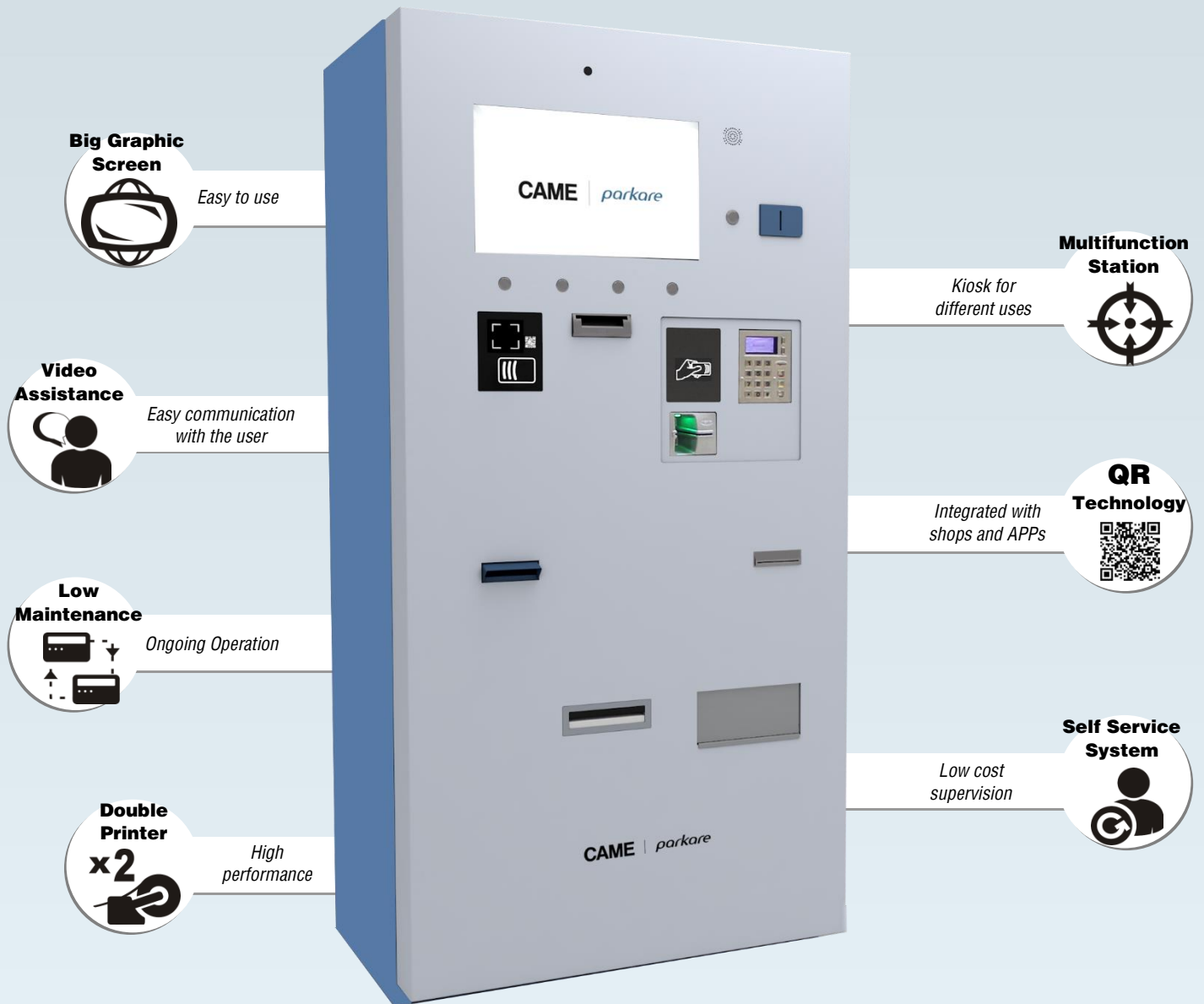
User interface

- Touch screen 7" TFT.
- Facial camera with low latency, which can be integrated with the intercom.
- LED lighting / signalling status of the terminal.

Components

- Barcode reader 1D/2D (QR), with capacity for reading codes in tickets, printed paper and mobile devices (smartphones, tablets...).
- Proximity card reader (ISO 14443, ISO 18092, ISO 7816).





The Pay Station PKM 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.

Installation details

Temperature of operation:	-20°C to 50 °C using heater, 0°C to 50 °C with no heater (extended range of temperature elements).
Power:	100-120 / 220-240 VAC. 50-60 Hz.
Consumption:	200 W (450 W with heater).
Dimensions:	1.485 mm x 740 mm x 500 mm (height x width x depth)

Standard composition

User interface

- TFT 15.6" LVDS in panoramic format.
- 4 languages operation (defined by the client).
- IP intercom based on SIP protocols SIP, for communication with the back office.
- 4 operation buttons.
- Presence detector of the user.

Components

- Barcode reader 1D/2D (QR), with capacity for reading codes on tickets, printed paper and mobile devices (smartphones, tablets...).
- Thermal receipt printer.
- Embedded PC based on architecture x86 and support SSD for data storage.
- Internal ventilation system regulated electronically.

Payment module

- Coins module with change giving, accepting up to 16 denominations of different coins and automatic return of 3 different values.
- 3 self-charging coin hoppers, with capacity of 700 coins/each.
- Security coin box for collection, 5.5 litres of capacity.

Exterior and security

- Cabinet of 2 mm AP02 steel, antioxidant treatment and powder coating formulated with polyester resins and free of TGIC.
- Frontal door with security lock and 3 locking points.
- Micro sensors for automatic detection: door opening, lock, coin box removal, hoppers removal and note box removal.
- Interior lighting system.

Certifications

Directive 2004/108/CE, Directive 2006/95/CE, UNE-EN 61000-6-3, UNE-EN 61000-6-1, EN 301 489-1 V1.9.2, EN 301 489-3 V1.6.1, UNE-EN 60950-1, UNE-EN 20324

Degree of protection

- EN 60529. Degree of protection of the case: IP54.
- UNE-EN 50102. Degree of protection of the case against external impacts: IK10
- UNE-EN 14450. Secured storage units, theft resistance: S1

Options

User interface

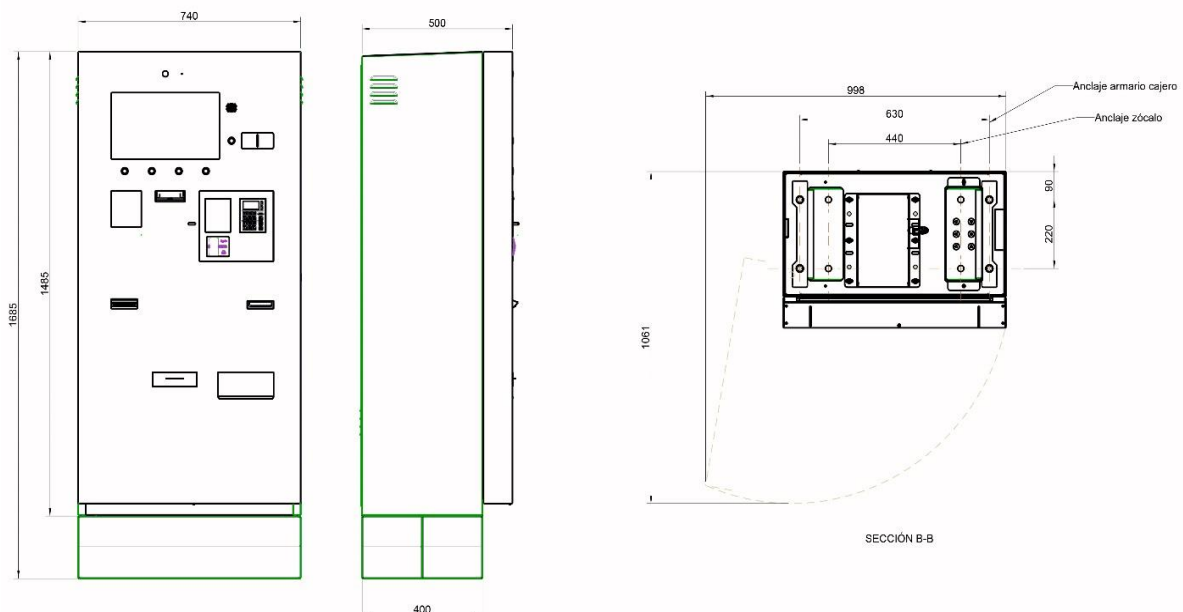
- Facial camera of low latency, integrated with the intercom.

Components

- Proximity card reader (ISO 14443, ISO 18092, ISO 7816).
- QR Technology. Thermal primer to issue lost ticket and other barcode products in 1D/2D (QR), with presenter and paper of de 105 µm.
- Receipt printer with paper of 67 µm. (Option only available for those countries where required).
- Uninterruptible Power Supply (UPS), allowing the pay station complete ongoing operations in case of power failure.
- Heating system.

Payment modules

- EMV reader for credit card with chip and proximity payments (NFC). Keyboard module the introduction of PIN code, optional. Ask availability for approval in different countries.
- Note reader, with capacity of reading 64 different notes in 4 ways and escrow function. Stackable note dispenser of 600 notes (optional). Only one slot.
- Accept notes with change giving system. Available capacity of recycling of 2 denominations, Up to 60 notes in each deposit. Stackable note dispenser of 600 notes. Only one slot.
- Note dispenser (single notes dispensed preloaded in deposit). Up to 500 notes per unit and up to 4 deposits (optional). Only slot.





The Entry Terminal PKM stands out as a smart solution, as it combines high-performance technology with strict budgets.

Installation details

Working temperature:	-20°C to 55 °C using heating, 0°C to 55 °C without heating.
Power supply:	100-120 / 220-240 VAC 50-60 Hz. Devices 24V DC.
Maximum consumption:	100 W (250 W with heater).
Size:	1100 mm x 270 mm x 330 mm (height x width x depth).

Standard composition

Front

- Graphic display 240x64 pixels.
- Intercom button.
- Ticket request button

Components

- Embedded PC based on x86 architecture and SSD storage.
- Thermal printer with long-lasting head and built-in cutter and ticket detector in the mouth. Barcode (Code 128 type) or QR ticket dispenser and printing of car park entry details (date, type, terminal number, etc.).
- Ticket roll (58x150x25.4) of thermal paper with a capacity to issue 3,000 units. Recommended paper density 110µm ~145µm
- End-of-roll paper.
- Electronically regulated interior heating and ventilation system.

External and safety finish

- AISI 430 stainless steel polyester powder-painted and oven-dried casing, of 1.5 mm, suitable for outdoor use.
- Single side hatch
- Height x Width x Depth (mm): 1100 x 270 x 330.

Communications

- Ethernet Communications Connection (TCP/IP).
- Barrier controlled by GPIO.

Certification

Directive 2004/108/EC, Directive 2006/95/EC, UNE-EN 61000-6-3, UNE-EN 61000-6-1, EN 301 489-1 V1.9.2, EN 301 489-3 V1.6.1, UNE-EN 60950-1

Functions

- Self-adjusting electronic vehicle presence detector.
- Tickets dispensed manually (button) or automatically (vehicle-presence activated).

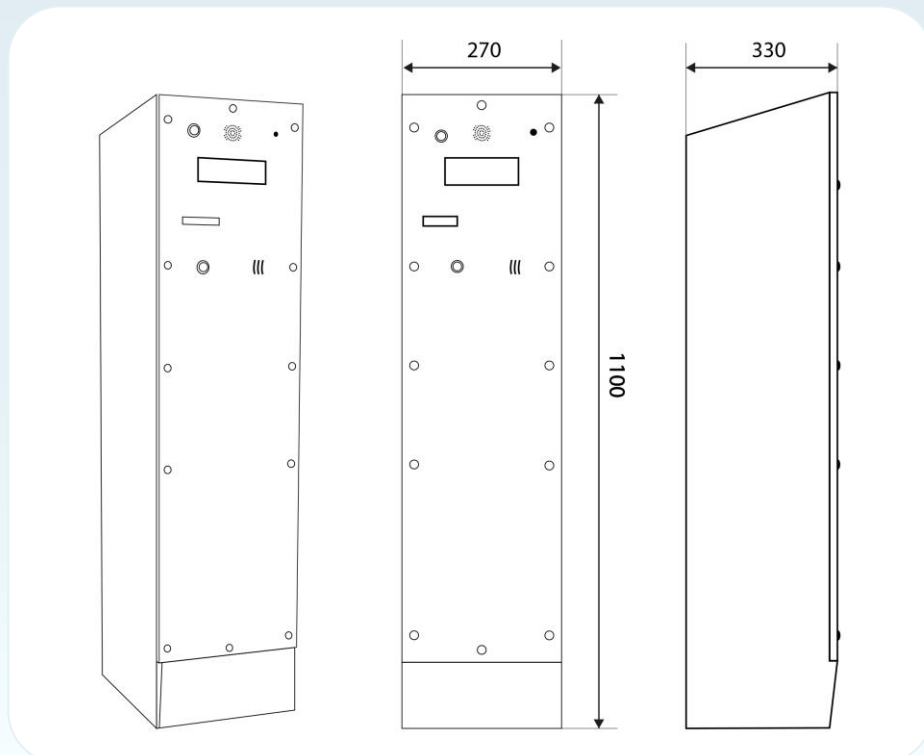
Degree of protection

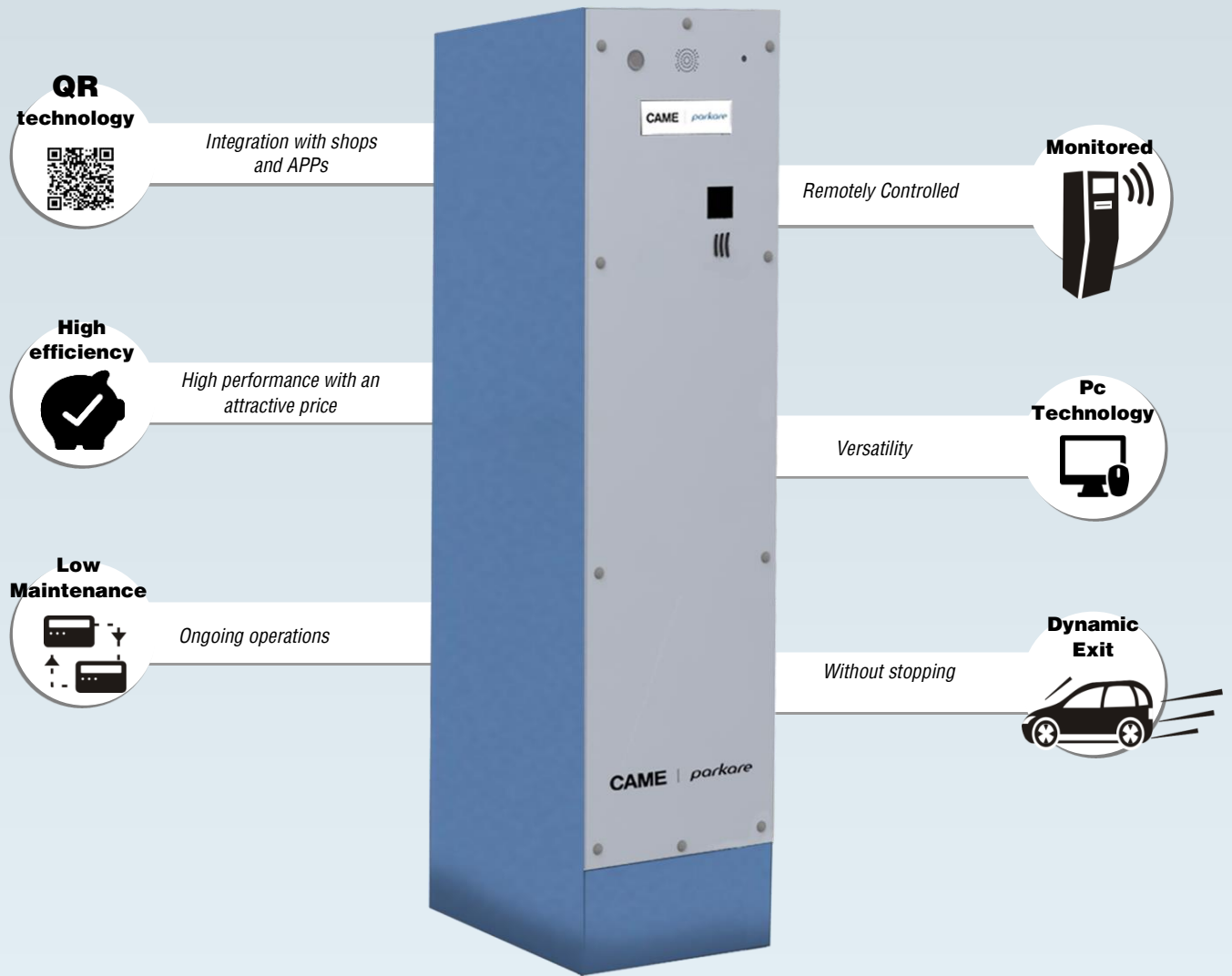
- UNE-EN 20324 (EN 60529). Degree of protection of the casing: IP54.
- UNE-EN 50102. Degree of protection of the casing against external impact: IK10.

Options

Components

- RFID proximity chip card reader for prepaid card control.
- IP Intercom to control centre (optional).
- Pinhole camera for capturing facial images.
- QR reader or barcode reader.





The Exit Terminal PKM stands out as a smart solution, as it combines high-performance technology with strict budgets.

Installation details

Operating temperature:	From -20°C to +55°C with heating, from -0°C to +55°C without heating.
Power supply:	100-120 / 220-240 VAC 50-60 Hz.
Maximum consumption:	100 W (250 W with heater).
Sizes:	1100 mm x 270 mm x 330 mm (height x width x depth).

Standard composition

Front

- Graphic display 240x64 pixel.
- Intercom button.

Components

- Embedded PC based on x86 architecture and SSD storage.
- QR bar code reader.

External and safety finish

- AISI 430 stainless steel polyester powder-painted with oven-dried casing, suitable for outdoor use.
- Single side hatch.
- Height x Width x Depth (mm): 1100 x 270 x 330.

Communications

- Ethernet Communications Connection (TCP/IP).
- Barrier controlled by GPIO.

Certification

Directive 2004/108/EC, Directive 2006/95/CE, UNE-EN 61000-6-3, UNE-EN 61000-6-1, EN 301 489-1 V1.9.2, EN 301 489-3 V1.6.1, UNE-EN 60950-1.

Functions

- Self-adjusting electronic vehicle presence detector.

Degree of protection

- UNE-EN 20324 (EN 60529). Degree of protection of the external structure: IP54.

Options

Components

- RFID proximity card reader for the control of the subscribers.
- Electronically regulated interior heating and ventilation system.
- IP Intercom for communication with the control centre (optional).
- Pinhole camera for capturing facial images (optional).

