



SYSTEM TYPE

SYSTEM STAND ALONE

Espas 10 I
Espas 10 U

Espas 20 I
Espas 20 P
Espas 20 U
Espas 20 T

SYSTEM WIRED

Espas 30 I
Espas 30 P
Espas 30 U
Espas 30 T

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Espas

Car park management system



D832675 00201



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ESPAS 10 line

→ Entry/exit station for parking systems for collective use, able to operate in "stand-alone" mode. The device controls the entry or exit route and can be connected to electromechanical barriers.

→ Frontal "tip" opening for convenient inspection, without hindering the access point and possibly the wall mounting. Durable and reliable over time thanks to a chassis with monobloc structure.

→ Operation with token or coin acceptor with fixed or programmable values and alphanumeric display for showing the amount to be inserted.

→ Stainless steel sheet body with protective treatment and polyester paint.



CONFIGURATIONS

B PG A 210 R1 €1.00 coin acceptor
B PG A 210 R2 €2.00 coin acceptor
B PG A 210 R3 Coin acceptor: 10, 20, 50 cents and €1.00 or €2.00
B PG A 210 R4 Fixed tariff grooved token acceptor
B PD A 210 R1 Token dispenser, payment in banknotes/coins
B PD A 210 R4 Token dispenser, payment in banknotes/coins, change giver

COMPLEMENTARY ACCESSORIES

B PA A 202 R1 Payment amount programming software for acceptor B PGA 210 R3
B PA A 201 R1 Installation base for dispenser B PDA 210 R3
B PA A 201 R2 Installation base for dispenser B PDA 210 R4

ESPAS 20 line

→ "Stand Alone" system for collective and commercial car park solutions. Interface between the different devices of the system and calculation of tariff through the issue of a ticket fan folder with type 2D barcode and reading via optical module with integrated motion detection function. Easy to inspect and manage, facilitated by the front opening of the ESPAS 20 systems.

→ LCD alphanumeric display, voice synthesis and backlit vandal-proof buttons.

→ RFID proximity reader for operator cards and customer pass with memory for up to 100 cards.

→ Electronic card with display and integrated joystick for rapid programming.



CONFIGURATIONS

B PI A 210 R1 Stand alone entry column, BARCODE ticket, ISO CARD pass
B PI A 210 R2 Stand alone entry column, BARCODE ticket, ISO CARD pass, digital intercom
B PI A 210 R3 Stand alone entry column, BARCODE ticket, ISO CARD pass, barcode permit
B PI A 210 R4 Stand alone entry column, BARCODE ticket, pass ISOCARD, barcode permit, digital intercom
B PU A 210 R1 Stand alone exit column, BARCODE ticket, ISO CARD pass, barcode permit
B PU A 210 R2 Stand alone exit column, BARCODE ticket, ISO CARD pass, barcode permit, digital intercom
B PC A 210 R1 Automatic pay station for stand-alone systems
B PC A 210 R2 Automatic pay station for stand-alone systems, credit card
B PC A 210 R3 Manual pay station/table validator for stand-alone systems

COMPLEMENTARY ACCESSORIES

B PA A 203 R1 Space counter system for stand alone systems
B PA A 205 R1 Bft 4000 p ticket box
B PA A 205 R2 Bft 4000 p customised ticket box
B PA A 204 R1 Traffic light panel

ESPAS 30 line

→ System wired on RS485 serial network for commercial and professional applications. The entry/exit stations have a graphic display for indicating the operations underway, voice synthesis for audio instructions and integrated optical module (motion detection) for reading and management of 2D barcode ticket fan folders. Easy to inspect and manage, facilitated by the front opening of the ESPAS 30 systems.

→ Graphic display, voice synthesis for user help messages and backlit vandal-proof buttons.

→ Expanding modular system for future addition of accessories and complementary solutions including: internal and external addressing, available spaces signposting, UHF tag reading, etc.



CONFIGURATIONS

B PI A 220 R1 Entry column, BARCODE ticket, ISO CARD permit
B PI A 220 R2 Entry column, BARCODE ticket, ISO CARD permit, digital intercom
B PI A 220 R3 Entry column, BARCODE ticket, ISO CARD permit, barcode permit
B PI A 220 R4 Entry column, BARCODE ticket, ISO CARD permit, barcode permit, digital intercom
B PI A 220 R5 Entry column, BARCODE ticket, ISO CARD permit, barcode permit, long range UHF (B PTA) permit, digital intercom
B PU A 220 R1 Exit column, BARCODE ticket, ISO CARD permit, barcode permit
B PU A 220 R2 Exit column, BARCODE ticket, ISO CARD permit, barcode permit, digital intercom
B PU A 220 R3 Exit column, BARCODE ticket, ISO CARD permit, bar code permit, long range UHF (B PTA) permit, digital intercom
B PC A 220 R1 Automatic pay station for wired systems
B PC A 220 R2 Automatic pay station for wired systems, credit card
B PC A 220 R3 Manual pay station/table validator for wired systems
B PS A 220 R1 System server for wired systems with management software

COMPLEMENTARY ACCESSORIES

B PA A 205 R1 Bft 4000 p ticket box
B PA A 205 R2 Bft 4000 p customised ticket box
B PA A 204 R1 Traffic light panel
B PT A 201 R1 Integrated antenna for B PTA tag reading
B PT A 202 R1 Tag for B PTA system
B PT A 202 R2 Fixed non-removable tag for B PTA system

Comparative table

| | Espas 10 | Espas 20 | Espas 20 CC | Espas 30 | Espas 30 CC |
|---|----------|----------|-------------|----------|-------------|
| COMMUNICATION BETWEEN DEVICES | | | | | |
| Stand alone operation | x | x | x | - | - |
| RS485 communication protocol | - | - | - | x | x |
| USER INTERFACE | | | | | |
| Alphanumeric display on entry/exit station | - | x | x | x | x |
| Alphanumeric display on automatic pay station | - | x | x | - | - |
| Graphic display on automatic pay station | - | - | - | x | x |
| Multi-language voice synthesis | - | x | x | x | x |
| SINGLE USER MANAGEMENT | | | | | |
| Ticket with 2D barcode | - | x | x | x | x |
| Courtesy time management | - | x | x | x | x |
| Ticket on fanfold thermal paper | - | x | x | x | x |
| Linear tariff linked only to the time spent in the car park | x | - | - | - | - |
| PERMIT USER MANAGEMENT | | | | | |
| Operator pass on ISO125KHz card | - | x | x | x | x |
| Permits on ISO 125KHz card | - | - | - | x | x |
| Permits on barcode ticket | - | x | x | x | x |
| Antipassback function on entry/exit station | - | - | - | x | x |
| Time-slot permits on iso card | - | - | - | x | x |
| Prepaid decremental permits on iso card (time, amount, transits) | - | - | - | x | x |
| Permits on "free-hand" support | - | - | - | x | x |
| Short-term time-slot permits on ticket | - | x | x | x | x |
| Short-term prepaid decremental permits on ticket (time, amount, transits) | - | x | x | x | x |
| Short-term permits on daily ticket | - | x | x | x | x |
| AUTOMATIC PAY STATION | | | | | |
| Payment by credit card * | - | - | x | - | x |
| Coin payment up to 5 coins | - | x | x | x | x |
| Change given up to 5 coins | - | x | x | x | x |
| Change given up to 4 coins, high capacity | - | - | - | - | - |
| Banknote payment up to 4 banknotes | - | x | x | x | x |
| Change given, 1 banknote | - | x | x | x | x |
| Alphanumeric display | - | x | x | - | - |
| Graphic display | - | - | - | x | x |
| Automatic coin jam clearance | - | x | x | x | x |
| Lost ticket function | - | x | x | x | x |
| Payment data re-write on ticket function | - | x | x | - | - |
| Receipt request | - | x | x | x | x |
| Secondary coin box | - | x | x | x | x |
| Cash movement report | - | x | x | x | x |
| Programmable thermostat control system | - | x | x | x | x |
| Control unit on Industrial PC | - | - | - | x | x |
| MANNED PAY STATION | | | | | |
| Centralised management software | - | - | - | x | x |
| ISO card permit issue | - | - | - | x | x |
| System software management from remote station | - | - | - | x | x |

| Legend | |
|--------|---|
| - | Not available |
| x | Supplied as stand-ard |
| * | Credit card avail-ability subject to service availabil-ity in country of installation |