



PARKING SYSTEM

Complete range
of car park systems



Be ahead

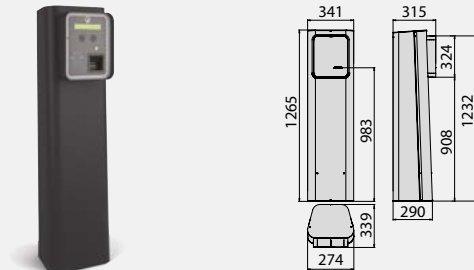


ESPAS 20

Stand-alone car park systems



ESPAS 20-I



The ESPAS20-I station combined with an electromechanical barrier and double loop is a device for controlling the entry transit point of a parking area. The system works in stand-alone mode, and no wiring is required between the various elements of the car park.

BASIC COMPONENTS

- 2D bar-code ticket printer, LCD display 20x2, proximity reader for season tickets, 4000 tickets, high visibility blinker, 2-channel metal mass detector, automatic system for management of ideal temperature- humidity-internal pressure (anti-dust), SOS button

OPTIONAL COMPONENTS

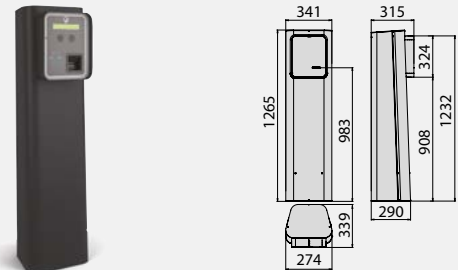
- Analogue intercom • Digital intercom • Ticket barcode reader-scanner

SPECIAL VERSIONS

- ESPAS 20 SA: for entry points reserved for season ticket holders only
- ESPAS 20 PAPER-ROLL: with paper-roll tickets



ESPAS 20-U



The ESPAS20-U station combined with an electromechanical barrier and a double loop is a device for controlling the exit point of a parking area. The system works in stand-alone mode, and no wiring is required between the various components of the car park

BASIC COMPONENTS

- Contactless 2D bar-code reader, LCD display 20x2, proximity reader for season tickets, 2-channel metal mass detector, automatic system for management of internal pressure (anti-dust), SOS button

OPTIONAL COMPONENTS

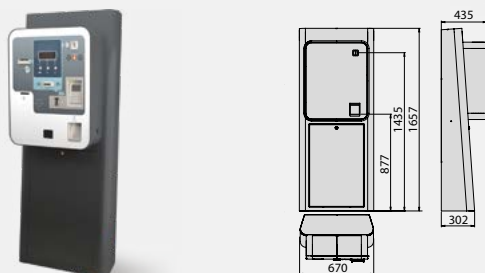
- Analogue intercom • Digital intercom • Motorised reader scanner retractor

SPECIAL VERSIONS

- ESPAS 20 SA: for exits reserved for season ticket holders only



ESPAS 20-P



The ESPAS20-P automatic payment machine is designed as a stand-alone device for parking systems enabling the system to operate autonomously 24/7 without the constant presence of operators.

BASIC COMPONENTS

- Backlit LCD display 20x4 • Multilingual voice synthesis • Coin acceptor and change giver for up to 5 coin sizes • Note acceptor and change giver, reads up to 5 note sizes in 4 directions and gives change in one (configurable) size
- Thermal printer for issuing lost tickets or printing reports and receipts • Motorised ticket reader module which prints the receipt on the ticket • Cash boxes, removable only with a security key • Heater and pressure ventilation system with electronic temperature control

OPTIONAL COMPONENTS

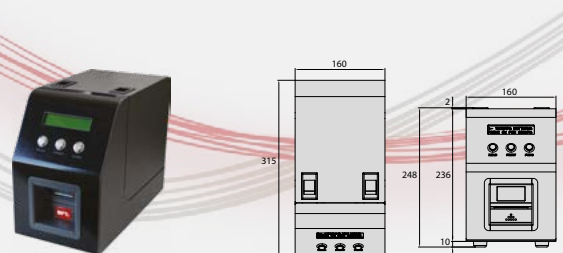
- Digital intercom • Analogue intercom • Credit card reader

SPECIAL VERSIONS

- ESPAS 20-P HR with dimensions compliant with the standards for disabled users (670x 438x 1498 LxDxH) • ESPAS 20-P PAPER ROLL with paper-roll tickets



ESPAS 20-T



The ESPAS20-T desktop validator is an all-in-one device that performs all the functions of a manned station without wiring and without the use of a PC. The validator is designed to meet all the needs of medium-small sized systems requiring an instrument that is easy to install, configure and maintain.

BASIC COMPONENTS

- Backlit alphanumeric display showing the price to be paid • Built-in optical module for 2D barcode reading • 3 function keys for settings and printing tickets for:: 1: one entry and one exit. 2: unlimited access for a given period. 3: exiting the car park after a given number of hours • Opening on the top for replacing tickets and cleaning the printer

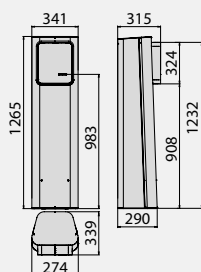


ESPAS 30

Wired car park systems



ESPAS 30-I



The ESPAS 30-I entry solution combined with an electromechanical barrier and a double loop is a device for controlling the entry point of a parking area. It is designed for wired systems and must therefore be connected to the other components of the system via a RS485 serial network

BASIC COMPONENTS

- RS485 communication, 1D bar-code ticket printer, speech synthesizer, LCD display 20x2, proximity reader for season tickets, 4000 tickets, high visibility blinker, 2-channel metal mass detector, automatic system for management of ideal temperature- humidity-internal pressure (anti-dust), SOS button

OPTIONAL COMPONENTS

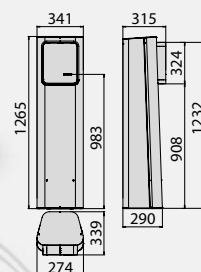
- Digital intercom • Analogue intercom • Ticket barcode reader-scanner

SPECIAL VERSIONS

- ESPAS 30 A: for entry and exit points reserved for season ticket holders only • ESPAS 30 PAPER-ROLL: with paper-roll tickets



ESPAS 30-U



The ESPAS 30-U exit solution combined with an electromechanical barrier and a double loop is a device for controlling the exit point of a parking area. It is designed for wired systems and must therefore be connected to the other components of the system via a RS485 serial network

BASIC COMPONENTS

- Backlit LCD display 20x2 • Voice synthesis for user guide • Barcode reader-scanner • Proximity reader for season tickets • Assistance call button • Dual-channel detector for vehicle reading • Barrier control • Pressure ventilation system

OPTIONAL COMPONENTS

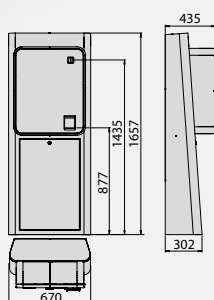
- Digital intercom • Analogue intercom • Motorised reader scanner retractor

SPECIAL VERSIONS

- ESPAS 30 A: for entry and exit points reserved for season ticket holders only • Espas 30-U CC PLUS: exit station with additional module for reading electronic payments CC/Debit cards (Bancomat)/Contactless.



ESPAS 30-P



The ESPAS30-P automatic pay station is designed to provide professional wired car park systems with a device offering maximum functionality and performance for automatic payment. It must be connected to the system server via an Ethernet network

BASIC COMPONENTS

- 6.5" graphic colour display • Multilingual voice synthesis • Coin acceptor and change giver for up to 5 coin sizes • Note acceptor and change giver, reads up to 5 note sizes in 4 directions and gives change in one (configurable) size • Proximity reader for season ticket renewal • Printer for issuing lost tickets or printing reports and receipts • Ticket reader scanner • Cash boxes, removable only with a security key • Heater and pressure ventilation system with electronic temperature control

OPTIONAL COMPONENTS

- Digital intercom • Analogue intercom • Motorised ticket reader module which prints the receipt on the ticket • Credit card reader with Pin-pad • Note change-giver, two note sizes

SPECIAL VERSIONS

- ESPAS 30-P HR with dimensions compliant with the standards for disabled users (670x 438x 1498 LxDxH) • ESPAS 30-P PAPER ROLL with paper-roll tickets



ESPAS 30 Manned pay station server



A complete, reliable and user-friendly system in a single solution, thanks to the database in the same PC used for payment operations. With JANICA software and system components, operations including parking time payments, issue and renewal of season tickets and tariff management can be performed immediately

BASIC COMPONENTS

- Personal computer complete with 19" LCD monitor, mouse and keyboard • Barcode reader with manual laser scanner • RS485 interface device for connection to entry and exit stations • Network hub for connection to the ESPAS 30-P automatic pay station

OPTIONAL COMPONENTS

- Receipt printer • Ticket/pass printer • Courtesy display • Desktop proximity reader for season tickets • Cash box

SPECIAL VERSIONS

- ESPAS 30 SERVER: system server without manning function • ESPAS 30 SERVER TE: system server with extended temperature for outdoor installations • ESPAS 30 CLIENT MANNED PAY STATION: client pay station function only, without server



ESPAS Accessories



AURA TUVA

The AURA Tuva is a medium range UHF passive tag reading system that can be integrated into the parking systems in the ESPAS30 line. The Tuva antenna, installed near the ESPAS30-I and ESPAS30-U entry and exit posts, allows motorists with special adhesive tags on their windscreens to enter and exit the car park quickly, without having to show anything at the post.



AURA NEA

The AURA NEA is a number-plate reading system that can be integrated into the parking systems in the ESPAS30 line. The camera, installed near the ESPAS30-I and ESPAS30-U entry and exit posts, allows vehicles with registered number-plates to enter and exit the car park quickly, without having to show anything at the post. Using the plate requires no specific physical supports, thereby offering maximum flexibility.



VACANT SPACES INDICATOR PANEL

Illuminated panel indicating car park space availability. Fitted with red and green traffic lights and a 3 digit figure indicating the number of vacant spaces. Backlit panel for night-time visibility, available in a two-sided version



FANFOLD TICKET PRINTER FOR STATION

Thermal desktop printer for tickets in fanfold format linked to the ESPAS30 manned pay station for printing receipts, reports and special tickets.



OFFLINE BONUS PRINTERS

Compact desktop thermal printer for printing an additional barcode on parking tickets collected from the entry station. These barcodes, read by the ESPAS30-P automatic pay station, are identified as bonuses, allowing a discount in terms of price or minutes to be applied when calculating the tariff.



BONUS VALIDATOR

A device comprising a desktop laser scanner and a console with LEDs and buzzer. Connected to an ESPAS30 parking server, it is used to assign specific bonuses, in time or money, to entry tickets. Once the bonus has been assigned, the pay station will take this into consideration when calculating the amount to be paid.



ACCESS POINT PANEL

The access point panel is the device used in ESPAS 30 car parks to count areas and control vehicle accesses, based on UHF or ANPR technology. The vehicle counter function requires the access point panel to be used in sub-areas of the ESPAS 30 car park which are not directly counted by the entry or exit stations. Basic operation is ensured if communication with the server is down.



INTERCOM SYSTEM

Analogue intercom system: Comprising a desktop console and capsules integrated in the entry and exit posts and the automatic pay stations.

Digital intercom system: Comprising a desktop console and capsules integrated in the entry and exit posts and the automatic pay stations. Using a special expansion device, the digital system transfers calls to landlines and mobile phones and remotely opens the car park exit points in the event of an emergency.



LANE TRAFFIC LIGHTS

Ultra-bright 2-light 230Vac traffic lights, to control transit through the entry and exit points. They can be connected directly to the ESPAS20 stations or to the Capacity Kit to manage alternating one-way systems.



VACANT/FULL- TRAFFIC LIGHT- PANEL

Illuminated panel indicating car park space availability. It features red and green traffic lights. Backlit panel for night-time visibility.



DETECTOR PANEL

The detector panel is an accessory to be used with the Capacity Kit to manage one or two pairs of loops. It comprises a watertight box for external use and an internal 24Vdc power supply.



TICKETS (PACKS)

Packs of thermal paper tickets in fanfold format (54mm x 80mm) with gaps, 4000 or 5000 pieces. They can be customised with advertising messages on the non-thermal side of the ticket.



TICKETS (ROLLS)

Rolls of thermal paper, width 54 mm, for printing approx. 4000 tickets, each 8 cm long.



New power in **your** hands.

The innovative technology that gives you new power

A brand new product, exclusive to Bft, capable of ensuring amazing futuristic performances: U-Link is a platform that enables the creation of technological ecosystems, offering maximum control.

- **U-Control:** is the new Android application capable of deploying the entire potential of U-SBK in the public and commercial sectors, with just a few simple steps.
- **U-Base 2:** simplifies the management of a system using the U-Link platform, enabling the automation settings to be monitored.
- **U-SDK:** enables the system integrators to have the automation systems of other brands communicate with the products of Bft using the U-Link platform.



B-eba

A direct line to your operators.

B-eba expansion cards enable the user to connect external devices, such as PCs, smartphones and tablets, to a Bft operator or Clonix receiver, or to link several Bft products in a U-Link network. These accessories are integrated with U-Link technology and Bluetooth, Z-Wave and TCP/IP protocols, as well as with the RS485 serial connection. A device that fully translates what Bft means by interconnectivity.



Clonix U-Link

Enables old-generation products or non-Bft products to be connected to U-Link systems.


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Advanced solutions, with unique, exclusive features. But also simple, accessible, and user-friendly. Cutting edge technologies designed to improve the lives of everyone: both those who install them and those who use them.

This is who we are today: a company focused on the needs of the present, with an eye looking to the future. A professional, people-friendly company, capable of taking its partners by the hand and, thanks to a full access specialist approach, propelling them along at a dynamic pace that will ensure they are always out there in front. A company where the technical component is supported by the power of passion, where engineering expertise is complemented by the brilliance of keen inventiveness. Because we like to listen to you, understand you, address your needs and offer new opportunities; always giving you the best and offering you tools that are increasingly sophisticated, designed to enhance your performances.

A fast, smart technology, with its foot always on the accelerator: ensuring you steam ahead at the pace of innovation and that, together with you, it is always one step ahead.



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