

FAAC

PARKLITE parking system

The new system for innovative and professional management of car parks



PARKLITE

The ideal solution for small parking areas

The ideal solution for professional but cost-conscious management, suitable for small parking areas.

The system is easy to install and use, only small operations are necessary to prepare it, although it offers high performance. Designed to ensure low running costs. Based on simple but evolved mechanics, and on consolidated, highly reliable electronics. Removal of parts for cleaning and replacement is easy. No special setting or maintenance operations are necessary. The design is straight forward, making the lane units (dispenser or reader) highly compact. Even non-specialised operators can use it at optimum level.

PARKLITE supports heavy traffic.

The double usage is adequately managed

- Single stay users with barcode tickets: a technology in which FAAC has a great amount of experience
- Subscribers with proximity cards for maximum ease and quickness of use

Use of the barcode is a guarantee of reliability, enabling even very ruined tickets to be read.

Electronic confirmation in the pay station, of the entry ticket ensures very low operating costs.

The system communication is standardised, and is based on networks with maximum reliability - such as RS485 - between the entry and exit columns, with the management PC and the LAN network between the PC and any other additional manual pay station units.

Although the software, developed on Windows XP professional, is designed for use by non specialised personnel, it brilliantly combines ease of use and innovative performances.

Ticket Dispenser column

Issue of entry tickets and reading of proximity cards

- Outdoor cabinet with side access
- Dimensions 1080 x 360 x 170mm
- Heater with temperature control
- Intercom system
- Thermal printer unit complete with cutter and ejection module
- Barcode ticket 2.5 interleaved
- Ticket dimensions 86 x 60mm
- Ticket supply range: 6000 with 80 gr. paper/3000 with 140 gr. paper
- Rapid ticket issue for high flows
- Passive proximity reader for subscriber cards
- Card types: 125 kHz ISO or key case format
- Detection of vehicles by inductive metal detector
- Communication with RS485 data controller

Rapid Barrier

Quick, safe access to the parking area and to internal areas

- Structure in sheet steel treated with cathodolysis, and polyester painted
- Dimensions 1080 x 360 x 170mm
- Hydraulic activation with plunge piston cylinders
- Round the clock service 100%
- Opening time: 2 seconds
- Electronic slow-down
- An articulated rod can be installed for low ceilings

Ticket reader column

Reads tickets paid for at the manual pay station, and also reads proximity or magnetic cards

- Outdoor cabinet with side access
- Dimensions 1080 x 360 x 170mm
- Heater with temperature control
- Intercom system
- Optical reading unit with laser scanner
- Ticket: barcode 2.5 interleaved
- Ticket dimensions 86 x 60mm
- Rapid ticket reading for high flows
- Passive proximity reader for subscriber cards
- Card types: 125 kHz ISO or key case format
- Detection of vehicles by inductive metal detector
- Communication with the RS485 data controller





Decentralised manual pay station

- Personal computer
- Bar code scanner
- Reader for car acquisition (optional)
- User display
- Printer for receipts and shift end summaries
- COBRA PL controller

Integrating components for pay station configuration on exit lane

- Terminal board complete with two channel detector
- 620 rapid barrier (pay station on exit lane configuration)



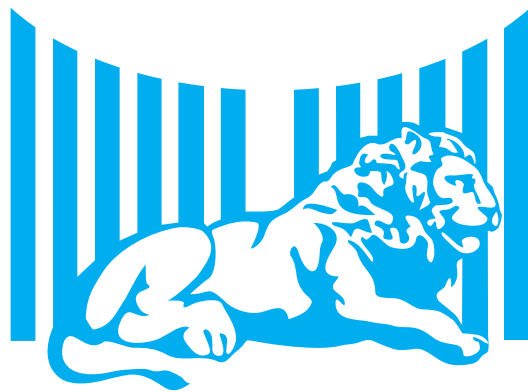
Software

- Quick and easy programming/management, thanks to graphics interface with configuration push-buttons
- Management of current vehicle presence for piloting FULL/AVAILABLE panel
- Control of all entry/exit stages of single stay and subscriber users
- Tariff calculation and collection of stay payments
- Issue, management and renewal of various possible cards (subscriptions, set value, points, etc.)
- Management and accounting of collections associated with the operator and relevant shift
- Extraction, by reports, of all the events memory-stored by the program (money collected, transits effected, events recorded and associated with the pay station operator, area vehicle presence, etc)
- Management of decentralised manual pay station and pay station on exit lane
- Management of multi-pay stations with up to 10 client pay stations connected to the server



Special functions: MWCC Software - web cam control module

- Innovative software management enabling association of the vehicle image with the transit ticket or card at entry.
- At exit, the operator visually checks, with the aid of images captured by the web cam, to ensure that the person exiting has the same vehicle as s/he had at entry
- The confirmation screen-mask can show only the entry images or the exit image
- They are captured and catalogued according to the precise methods of an external MWCC program
- The MWCC software is able to receive and archive the images recorded with network cameras
- Through the TCP-IP protocol, these cameras connect in FTP (File transfer protocol) mode and send images in JPEG format
- The received images are shown in the programs main window and are archived in sub-folders



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