StandAlone

AURA 20 P

The automatic cash point Aura20 P has been devised to supply stand-alone car park implants with a device which autonomously operates the implant 24 hours on 24 without the constant presence of operators.

The front of the station is composed of a coin acceptor up to 5 currencies, a Banknote acceptor up to 3 value groups, a 2d scanner for reading the ticket barcode, an LCD display with 4 lines and a container for the exit barcode ticket and any change.

OPERATION

The driver must present the entrance ticket at the scanner. The cash point calculates the amount to be paid based on the date and time indicated on the entrance ticket. The client must pay the amount shown on the display in coins or banknotes. Once the amount is paid, the cash point gives any change and issues a barcode ticket which allows the driver to exit the car park within the set timeframe.

The rate can be set directly on the electronic board: they can be defined as:
- time units (for example one hour, half an hour) - amount for a time unit
The rate is linear, it is therefore the result product between the number of time units for the amount of each time unit.
The rate can be set by presenting a barcode generated by the optional Aura2D Creator software to the scanner.

ADVANTAGES

Aura20P lets you create a car park which is managed in an economical and immediate way, and does not require large maintenance works or specific configurations. Thanks to the 2d barcode ticket technology, the manager can set rates tied to the length of the stay in the car park.
Aura20 P cash point has been devised to be installed in a simple and immediate manner. All of the configurations can be done directly on the electronic board of the station!

TECHNICAL INFORMATION

Feed: 230 Vac/50Hz
Dimensions: 568 x 340 x 1215 mm (l x p x h)
Weight: 80 Kg
Absorbed power: 150 VA
Temperature of use: from -20 to +50°C
Coin acceptor: for 5 currencies
Banknote acceptor: reads up to 3 value groups in 4 directions

sace
easy access

CHARACTERISTICS

> LCD alphanumeric display backlit with 4 lines for instructions

> Coin acceptor module with change giver of 6 hopper and 5 currencies

> Banknote reader 3 value groups in 4 insertion directions

> Linear calculation of rate, the amount is tied to the length of the stay in the car park and not to timetables.

> Possibility to set the rate using a 2d barcode generated by Aura2d Creator.

> Electronic board Deneb with an integrated display and joystick for quick programming, insertion of operation-transit cards, setting the rate, timeframe for exiting or consulting of any alarms.

> Optic module integrated for reading 2d barcodes with a motion detector function

> Thermal paper printer for 2d barcode fanfold tickets

> Control unit of the station on industrial CPU with firmware on E2PROM > Stand-alone function in case of a failed serial connection to the server

> Electronic control of the thermostat operates from -20°C to +50°C

EXAMPLE OF APPLICATION

Manual cash machine with Aura20 T validator
The customer presents the ticket at the paydesk. The operator wiill use the Aura20T portable validator to calculate the the amount and issue an exit ticket valid within a specific time lapse.

Materials needed for the entry
- Aura20I
- Electromechanical barrier
- 2 magnetic coils

Access with ticket collection
The driver approaches the first loop to activate barrier opening and presses the illuminated button to take the ticket.
To close the barrier the vehicle must pass over the second loop.
If the station is provided with an optional RFID card reader it is possible to activate the opening via configured ISO 125KHz card.

Exit with exit ticket
The driver activates passes the ticket received by the operator or emitted by the automatic Aura20P box under the scanner.
To close the barrier the vehicle must pass over the second loop.
If the station is fitted with an optional RFID card reader, the opening can be activated via configured ISO 125KHz card

ENTRANCE

Cashier

EXIT

Automatic Cashier

Materials needed for the exit
- Aura20U
- Electromechanical barrier
- 2 magnetic coils

Automatic cashier Aura20 P
To pay, the driver must pass the ticket under the scanner which will calculate the amount due and will issue a ticket within a specific time lapse.