



## AURA 20 U



The Aura20 U station combine to an electro mechanic barrier and a couple of loops is a device for controlling the exit gate of a car park area.

The front of the column is composed of a scanner for reading the bi-dimensional barcode, an LCD display for indicating the operations to be carried out and a vocal synthesis for audio instructions.

### OPERATIONS

The driver must approach the column and preset a valid ticket to exit (ticket issued from an automatic cash point Aura20 P or from an operator checkpoint Aura20 T) to activate the opening of the electro mechanic barrier.

The Aura20 U column functions exclusively in Stand Alone mode, it does not require any wiring except for the feed and to the barrier commands.

The station checks the following information of the barcode:

- the date and time of issue

Optionally, it can be equipped with a RFID 125KHz subscription reader, for the creation of up to 100 subscription cards for quick car park access.

### ENVIRONMENT OF USE

The Aura20 U station can be used to regulate exit gates in car park areas of small dimensions where it is not necessary to have high level operator controls, cash point shifts, or subscription management.

### ADVANTAGES

Aura20l consente di creare un'area di parcheggio presidiato in modo economico e immediato, non necessita di grandi attività di manutenzione, nè di configurazioni specifiche. Grazie all'utilizzo della tecnologia ticket barcode 2D il gestore può impostare tariffe legate al tempo di permanenza all'interno del parcheggio. La stazione è stata concepita per essere installabile in maniera semplice ed immediata.

Tutte le configurazioni possono essere fatte direttamente sulla scheda elettronica della stazione senza dover utilizzare Computer o software aggiuntivi!

### TECHNICAL INFORMATION

Feed: 230 Vac/50Hz

Dimensions: 310 x 335 x 1215 mm (l x p x h)

Weight: 20 Kg

Absorbed power: 100 VA

Temperature of use: from -20 to +50°C

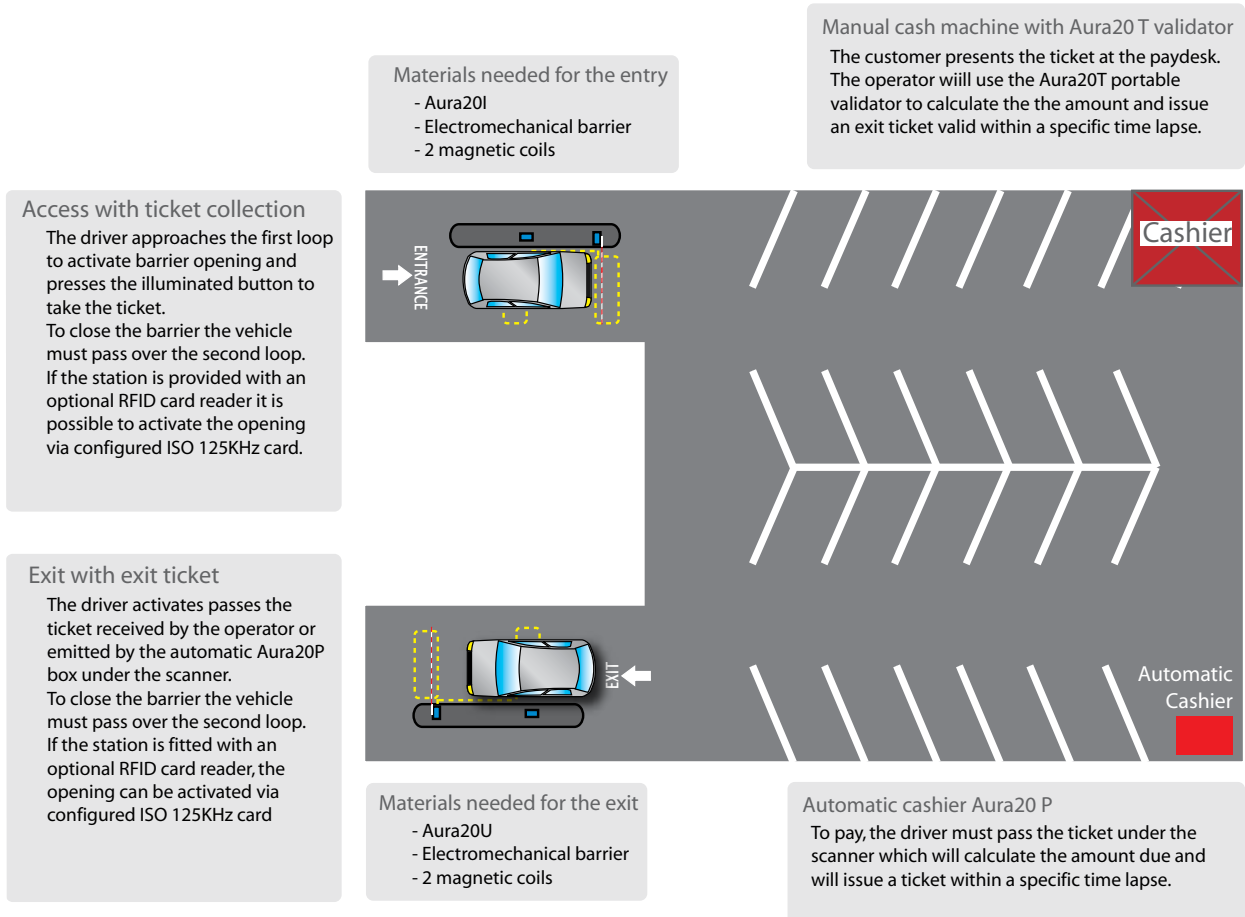
Display: LCD backlit 20x2"

Ticket reader: Optic laser for 2d barcodes

**CHARACTERISTICS**

- > Alphanumeric display, local synthesis.
- > Electronic board Deneb with an integrated display and joystick for quick programming, insertion of operation-transit cards or consulting of any alarms.
- > Optic module integrated for reading 2d barcodes with a motion detector function
- > Control unit of the station on industrial CPU with firmware on E2PROM > Automatic functions: loop excitement, ticket issue, barrier opening and closing, etc...
- > Prepared for the installation of any type of external mass metal sensor
- > Prepared for the installation of additional photocells
- > Electronic control of the thermostat operates from -20°C to +50°C
- > Rapid wiring via a terminal on the lower part of the station
- > Prepared for subscriptions on 125KHz support , Magnetic strip, Tuva

**EXAMPLE OF APPLICATION**



Materials needed for the entry

- Aura20I
- Electromechanical barrier
- 2 magnetic coils

Manual cash machine with Aura20 T validator

The customer presents the ticket at the paydesk. The operator will use the Aura20T portable validator to calculate the the amount and issue an exit ticket valid within a specific time lapse.

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

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.