



StandAlone

## AURA 20 I



The Aura20 I combined to an electro mechanic barrier and a couple of loops is a device for controlling an entrance gateway of a car park area.

The front of the column is composed of a ticket-request button, the slot from which the ticket is issued, an LCD display for indicating the operations which are to be carried out and a vocal synthesis for audio instructions.

### OPERATION

The driver must approach the column and press the illuminated button and take the ticket issued to activate the opening of the electro mechanic barrier.

The Aura20 I column functions exclusively in Stand Alone mode, it does not require any wiring except for the feed and to the barrier commands. The ticket issued from the column contains the following information:

- Name of the car park and the address
- 2d barcode containing the date and time of issue
- Date, time and issue station

The client, before exiting, can pay for the stay by presenting the ticket at the operator checkpoint or at the automatic cash point Aura20 P.

The amount to be paid is calculated based on the date and time of entrance indicated on the ticket. Once the payment is made the client shall receive a valid ticket for exiting.

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.

### ENVIRONMENTS OF USE

The Aura20 I can be used to regulate entrance 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

Aura 20 I 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.

The station 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 without having to use a Computer or additional software!

### 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: -20 to +50°C

Display: LCD backlit 20x2"

Ticket: thermal paper fanfold format

Capacity: confection of 5000 tickets

**CHARACTERISTICS**

- > Alphanumeric display, local synthesis, illuminated ticket-request button for immediate recognition no matter in what light conditions.
- > Electronic board Deneb with an integrated display and joystick for quick programming, insertion of operation-transit cards or consulting of any alarms.
- > Control unit of the station on industrial CPU with firmware on E2PROM > Automatic functions: loop excitement, ticket issue, barrier opening and closing, etc...
- > Fanfold ticket issue: Motorized fanfold ticket issue (ticket pre-cut in cardboard) with capacity for up to 5000 tickets complete with thermal print and automatic cutting
- > Clear print on every ticket with a customizable heading above and below the barcode (3 lines + 3 lines) and the date and time of issue
- > 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
- > Able to memorize up to 100 RFID free-transit cards

**EXAMPLE OF APPLICATION**

