

## AURA 30 I



The Aura 30I station combines an electro mechanic barrier to a couple of loops it is a device for the control of an entrance gate and a parking area. It is devised for calba systems, so it must be connected to other elements of the system via the network serial RS485. The front of the column has a button to require a ticket, a slot from which the ticket is issued, LCD display for indication of the operations to be carried out, vocal synthesis for audio instructions and a scanner 2d for subscription ticket reading. It is also equipped with an analogical intercom system for emergency calls.

### OPERATION

#### > Occasional users

The Aura30 station is able to manage the transit of both rotational user and subscription tickets via different technologies. The occasional users must withdraw the ticket pressing the lit-up button. On the ticket there is the information related to the station, the time and the date of issue, thanks to which it is then successfully possible to calculate the amount to be paid based on the set rates.

#### > Subscribers

Thanks to the scanner barcode 2d located on the Aura30 station it is possible to access the car park with a subscription ticket previously purchased at the car park checkpoint or at the automatic cash point.

It is possible to use subscription tickets on different supports from other tickets and Aura30 shows its strong modularity and it is in fact possible to choose between three different typologies of readers:

- RFID 125 KHz
- Magnetic strip
- System TUVA: tag UHF medium range (up to 4 metres)

### TECHNICAL INFORMATION

Feed: 230 Vac/50Hz  
 Dimensions: 310 x 335 x 1215 mm (l x p x h)  
 Weight: 25 Kg  
 Absorbed power: 100 VA  
 Temperature of use: from -20 to +50°C  
 Interface: serial RS-485  
 Intercom: Analogical  
 Display: LCD backlit 20x2"  
 Buttons: Anti-vandalism bright multicolour  
 Ticket: Fanfold; capacity 5000

### ENVIRONMENT OF USE

The Aura30 station can be used for regular entrance gates in parking areas of medium-large dimensions where it is necessary to have checks carried out by operators, cash point shifts, subscription ticket management.

### ADVANTAGE

Aura30 was designed to be installed in a simple and immediate manner. The access to the necessary components for maintenance operations is simplified. All of the configurations can be done directly on the electronic board or via a remote connection.

**CHARACTERISTICS**

- > Alphanumeric display, vocal synthesis, digital intercom for emergency calls and illuminated ticket-request button which is easy to see in any light conditions
- > Fanfold ticket dispenser: Motorized module for dispensing fanfold tickets (tickets pre-cut in cardboard) with a capacity of up to 5000 tickets complete with thermal print and automatic cutter.
- > Electronic board Deneb with an integrated display and joystick for rapidly programming or for consultation of any alarms.
- > Integrated optic module for reading 2d barcodes with a motion detector function
- > Control unit of the station on industrial CPU with firmware on E2PROM
- > Serial portal RS-485 for connecting to other stations or to the server to the car park
- > Automatic functions: loop excitement, ticket dispenser, opening and closing of barrier, etc...
- > Personalized heading above and below the barcode (3 lines + 3 lines) clearly printed on each ticket, also 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
- > Stand-alone function for the event a failed serial connection with the server
- > Electronic control of the thermostat function from -20°C to +50°C
- > Rapid wiring via a terminal on the low part of the station
- > Prepared for subscriptions on 125KHz support, Magnetic strip, Tuva

**EXAMPLE OF APPLICATION**

