

AURA 30 U



The Aura30 U station combines an electro mechanic barrier to a couple of loops, it is a device for controlling a exit gate of a car park area. It is devised for calba systems so it must be connected to other elements of the system via network serial RS485.

The front of the column is devised with a LCD display for indicating the operations to be carried out, vocal synthesis for audio instructions and a 2d scanner for reading occasional parking tickets for exiting from the car park and also subscription tickets. It is also equipped with an analogical intercom system for emergency calls.

The Aura30 is able to manage the transit both of rotational users and subscription ticket holders via different technology.

OPERATION

> Occasional users

Occasional users must present a valid ticket so as to exit from the car park. The ticket has to have been paid at the automatic cash point Aura30 P or at the check point of the car park Aura30 T. On the ticket there are is all the information relative to the station, the time and date of payment, thanks to which it's possible to evaluate the validity of the ticket.

> Subscribers

Thanks to the barcode scanner 2d on the Aura30 U station it is possible to exit the car park with a subscription ticket previously purchased at the Aura30 T check point of the car park or at the automatic cash point Aura30 P.

It's possible to use subscriptions on different supports and in the Aura30 it shows its own strong modularity, it is in fact possible to choose from between 3 different typologies of reader:

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

ENVIRONMENT OF USE

The Aura30 U station can be used for regular exit gates in car park areas of medium-large dimensions where it is necessary to carry out operation controls, cash point shifts, subscription ticket management.

ADVANTAGES

Aura30 I has been designed to be installed in a simple and immediate manner. The access to the components necessary for maintenance operations is simplified.

All of the configurations can be done directly on the electric board or from a remote connection.

TECHNICAL INFORMATION

Feed: 230 Vac/50Hz
 Dimensions: 310 x 335 x 1215 (l x p l h)
 Weight: 25Kg
 Absorbed power: 100 VA
 Temperature of use: from -20 to +50°C
 Interface: serial RS-485
 Intercom: Analogical
 Display: LCD backlit 20x2
 Buttons: two-tone luminous anti-vandalism

CHARACTERISTICS

- > Alphanumeric display, vocal synthesis, digital intercom for emergency calls and illuminated ticket-request button which is easy to see in any light conditions
- > 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...
- > 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

