

Entrance station for centralized parking systems

The Espas 30-I Ultra station is a device for managing an entry gate to a parking area. The unit works in a wired network as a component between the other elements of the system. The station performs the rapid issuing of barcode tickets, management of subscription and operator cards. The display and voice messages guide improve the user experience.

Key features

- Multilanguage voice messages for user guide.
- Long distance connection thanks to the RS485 interface.
- Simplified access to the internal components for maintenance operations.
- Dedicated electronic board with integrated display and onboard joystick for quick programming and consultation of alarms.
- Components modularity to adapt to every type of installation.

General information

- Fanfold ticket thermal printer.
- Capacity of 4000 fanfold tickets with easy loading.
- 125 kHz proximity RFID card reader for operators and subscriptions.
- 20 characters x 2 rows backlit LCD display for user and service information.
- Illuminated ticket nozzle.
- Multilanguage audio and display messages.
- Internal temperature regulated by forced ventilation and heating element.
- Programmable and highly sensitive two-channels loop detector.
- Automatic barrier management.
- Assistance call button.
- Long-lasting, illuminated, mechanical pushbutton for ticket request.
- RS485 interface.
- Guaranteed operation also during server offline periods.
- Working mode configurable by software, control board or operator cards.
- Alarms management with notification to the parking server.

Options

- 13.56 MHz proximity MIFARE card reader for operators and subscriptions (instead of 125 kHz RFID reader).
- Bus or IP intercom.
- Barcode scanner.
- Management of up to 3 fee rates, allowing issue of tickets.
- RS485 / LAN converter.
- Single lane, two ways gate management.
- Double-height terminals availability.
- Customizable cabinet colour.
- Long range UHF reader.



Technical data

Power supply	230 VAC $\pm 10\%$, 50Hz-60Hz
Max power consumption	200 W
Idle power consumption	70 W
Operating temperature	-20...+50 °C (-4...+122 °F)
Dimensions	1265 x 341 x 315 mm / 49.8 x 13.4 x 12.4 in (H x W x D)
Gross weight	60 kg
Standard communication interface	RS485
Standard colour	RAL7015
Materials	Cabinet in 20/10 mm thick DD11 steel sheet; front panel in anti-wear and anti-scratch polycarbonate..

Dimensions (mm)

