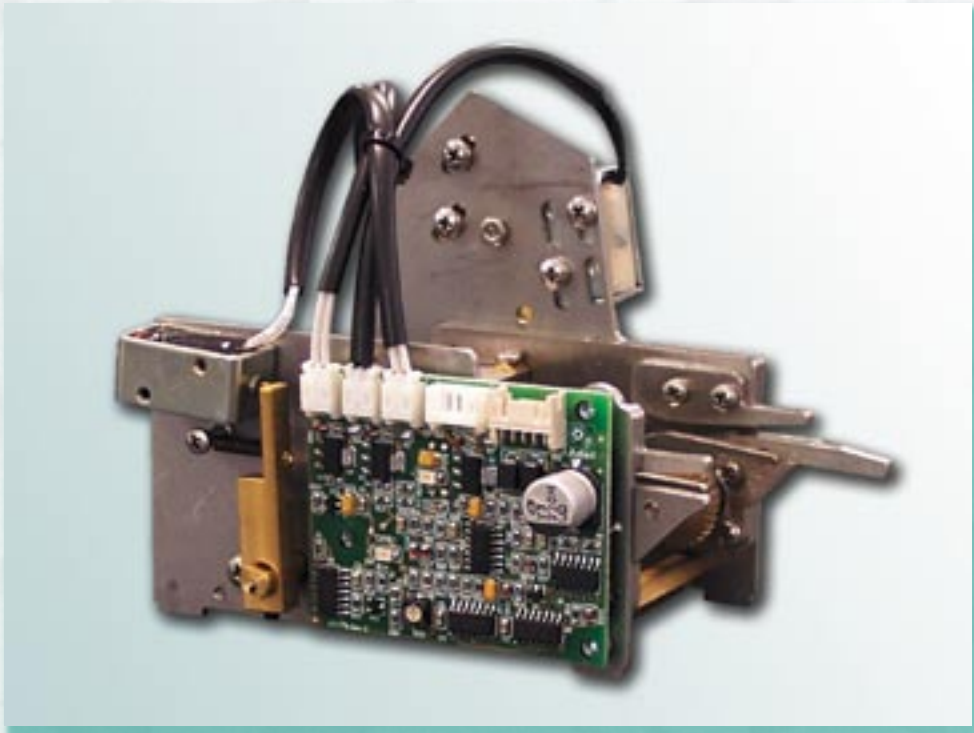


DUAL STORE MODULE

card and ticket parking device



Description

The **DUAL STORE** is a simple and compact subunit for the simultaneous management of three titles: a card, a ticket and another title that can be or a card or a ticket. The **DUAL STORE** subunit, coupled with the ENC_RISC allows following functions:

- Reading and parking of the first title
- Insertion from front opening and reading of a second title (i.e. prepaid card)
- If credit is not enough, the module can accept a third title in order to complete payment or simply for the use of bonus tickets or discounts, and return the card to user after payment procedure.
- The title without credit can be reloaded, returned to user or swallowed.

This module allows the realization of flexible payment systems and is ideal when prepaid cards or discount or bonus cards are employed; the parking of plastic card and of the ticket can be simultaneous and one does not exclude the other.

Mechanical structure

The transmission of the motion comes from the ENC_RISC motor by the means of a gear present on the rear side of the reader encoder and a gear coaxial with the transport rubber roller present in the front part of the **DUAL STORE**. The reloading of the ticket from vertical parking occurs by the means of a roller run by the motor and a solenoid to activate the counterpart roller.

Electronic features of Interface board

The device is connected and controlled by the CPU board of the ENC_RISC.

The electronic interface of the DUAL STORE module is equipped with:

- Optical sensors for positioning and parking of the titles
- Solenoids control interface.
- Communication and power supply interface for ENC_RISC

Technical data

Dimensions	92 (H) x 91(L) x 95 (W) mm
Power supply	5 Vdc 0,1 A max
	24 Vdc 0,1 A at rest 1 A max