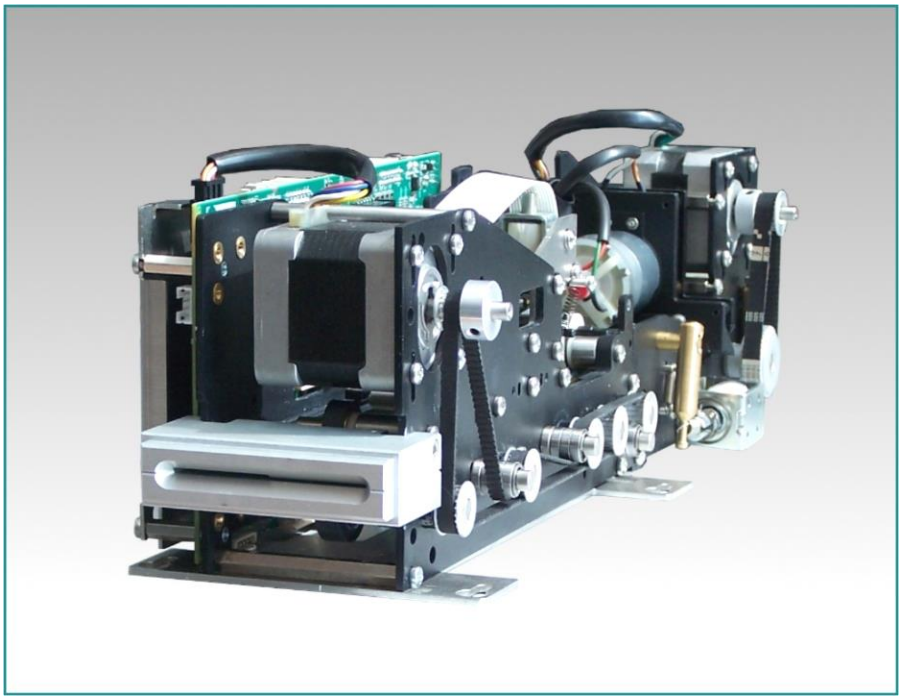
ENC RISC_E ISSUING MACHINE



DESCRIPTION

The ENC RISC_E system is the result of many years of experience in the field, combining know-how, technology, market needs, requirements and high performances in a reduced space and not at the expenses of flexibility, ease of maintenance and complexity of applications met.

The ENC RISC_E module can read and encode simultaneously up to 4 magnetic tracks at 75 and 210 bpi in ISO standard or TRANSAC, in central and/or lateral, upper and/or lower position.

Supported standards: EN ISO/IEC 7810, EN ISO/IEC 7811, EN ISO/IEC 7816, EN 753, ISO 3554, ISO IEC 15457-2. Others upon request.

BASE VERSION CHARACTERISTICS

The module is compact and equipped with an original roller transport system that can handle plastic cards and paper tickets. The ticket transport is carried out by a stepping motor.

The module can encode and read ISO 2 LoCo magnetic standard lateral track at 75 bpi or in central position.

Ticket and card of variable thickness ranging from 0.18 up to 0.8 mm are supported. It is also possible to install a front opening to ease ticket introduction.

Other supported features:

- Reading and encoding of four magnetic tracks at 75 or 210 bpi, or custom
- Magnetic encoding at high/low coercivity
- Reading and encoding of TRANSAC tracks

ELECTRONIC FEATURES OF BASE CPU BOARD

CPU board with proprietary firmware:

- CPU board with ARM M3 CORTEX processor
- Ram memory up to 512 KB
- Flash Memory 512 KB

BASE VERSION OPTIONAL DEVICES

- P1 single line longitudinal impact printer
- P2 single line 9 dot longitudinal thermal printer
- P3 single or dual line 203 dpi thermal printer
- EMV level 1 ready Contactless card unit
- EMV level 1 ready Contact chip card unit
- Shutter option for front opening

OPTIONAL DEVICES AVAILABLE UPON REQUEST

- **FED/1R** – Feeder for tickets 85.6mm long in fanfold or roll, equipped with motorized cutting unit, ticket parking unit and microprocessor control board. Coupled with the ENC RISC_E it creates a fast and compact ticket dispenser that can also be used in automatic cashers. The parking unit present on the module allows to read a ticket,

calculate the fee, park the ticket and accept the insertion of a credit card. After payment processing and retuning the credit card to the user, the ticket can be swallowed or reloaded for magnetic validation, printing and finally returned to the user

- **SINGLE STORE MODULE** Ticket parking device
- **DUAL STORE MODULE** Cards and tickets parking device
- **METRO MODULE** Rear exit device for turnstile applications; it allows issuing of validated and printed tickets from rear side of the module towards the top

TECHNICAL DATA

Dimensions (mm) with front opening and support	
ENC RISC + FED/R	104.4 (H) x 395.0 (L) x 104.4 (W)
ENC RISC_E + SINGLE STORE	104.4 (H) x 298.0 (L) x 104.4 (W)
ENC RISC_E + DUAL STORE	104.4 (H) x 326.5 (L) x 104.4 (W)
ENC RISC_E + METRO MODULE	126.5 (H) x 325.0 (L) x 104.4 (W)
Power Supply	24 Vdc - 2.5 / 3.6 A max
Operative Speed	Up to 600 mm/s.
Print Area	Impact 15 x 82 mm Thermal 15 x 82 mm
Magnetic Head Average Life	> 1.000.000 operations
Interface	EIA RS232C up to 19200 bps
Protocol	Proprietary
Certification	EMC 2015-020

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