

Product Description

Medium II is a self-service machine to reload Contact Less Smart Cards (CLSC).

Reloading a CLSC can be as simple as making a funds transfer using a debit or credit card and presenting the contact-less smart card as destination of funds.

Magnetic and Chip cards can be used as source of funds.

Medium II is equipped with reliable self-service oriented printer. Printed paper can be reached by customer only after printing and cutting, avoiding paper jams. Medium II has been designed for horizontal and vertical operations.

Horizontal installation is intended for tendered operation. Vertical installation on the wall, is used for self-service.

Optional alphanumeric keypad, pinpad, ethernet interfase and CDPD communications allow the best configuration possible.

Medium II is the perfect complement to Medium I, in applications like large transportation systems, amusement parks, casinos, vacation resorts, etc. While Medium I can be used to gain access to controlled areas, or to receive payment for given services, Medium II can be used to transfer funds from a debit or credit account to the CLSC.



Technical Specifications

Microprocessor: 16 bits Phillips 80C52XA.

Memory: 1MB battery-backed RAM and 512K Flash.

Real Time Clock: Real time clock Y2K compliant.

Display: Graphic display. 122 x 32 pixels High contrast, high visibility STN Liquid Crystal Display. LED backlight.

Keyboard: 12 key numeric keypad plus 4 option keys. Silicon rubber with Gold contacts.

External Keyboard: Option for external alphanumeric keypad, PC compatible.

Printer: Thermal printer. 16.7 lines/s. Graphic or text printing. Auto-cutter and presenter

Paper: Single ply thermal paper roll. 57.5 +/- 0.5 mm. 50mm diameter max. Option for large roll.

Buzzer: Two tones (right and wrong).

Programming: ANSI C programmable, through serial port. Program development kit available.

Serial Port: One RS485 or RS232 port.

Modem: V32bis 14.400 Bauds. AT commands

I/O: Two 600ma relay outs, three optocoupled inputs.

Chip-Card Reader: ISO 7816 compliant. Controlled by Gemcore chipset.

Magnetic Card Reader: Track 2 only. Optional Track 1 and 2.

Pinpad: Port available for optional Pinpad

Dimensions: 261 (L) x 221 (W) x 86 (H) millimeters.

Environmental: Operating temp 30 to 60 °C

Power : 120V or 240V User switchable

Contactless Card Compatibility: Philips Mifare (ISO 14443A). Other on special order).

Antenna Range: 8 Cms.

Network Operation: RS485. Lan connection, software included



Excelec Products are manufactured with environment friendly technologies, like lead - free solder and recyclable materials

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Excelec Cia Ltda
Cra. 48 # 48 Sur-75 Of 156
Medellín, Colombia
South America

Tel: 57-4-301 2222
Fax: 57-4-288 7611
www.excelec.com

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