

MULTIFONT READER/ENCODER LM 100 M

LM 100M ("multifont") item processing system is a compact and versatile peripheral, suitable for different working environments.

The basic unit can be used at the teller for manual document feeding, reading and encoding, and it is connected via serial RS-232C interface. The encoder can print either CMC7, E13B, OCR-A, OCR-B or barcode by using low-noise ETR printing technology (the font is selected by simple software command).

Optional modules can increase the performance and flexibility of the reader-encoder, turning it into a ideal back-office item processing system. They include an automatic document feeder, a duplex (front & rear) imaging module and up to three 3-bin sorter modules for a max. total of 10 sorting bins (3x3 + reject bin). In case the scanning module (ISS 122) is included, connection is made through a SCSI-2 interface for more efficient data transfer.

Optional add-ons include an OCR read head, a barcode read head, an ink-jet endorsement printer and two

BASIC VERSION

MICR encoding

- CMC7 and E13B conforming to ISO STD 1004
- CMC7 character height: 3.2 mm.
- E13B character height: 2.98 mm.
- Encoding speed: 300 mm./sec.

OCR encoding

- OCR A, OCR B conforming to ISO STD 1073
- Character height: 2.8 mm.
- Encoding speed: 300 mm./sec.

Barcode encoding

- Bar height: 3.3 mm.
- Encoding speed: 300 mm./sec.

OPTIONS

- MICR CMC7 or E13B read head
- Optical read head for OCR A, OCR B and MICR E13B
- Barcode read head (Interleaved 2 of 5 and Code 39 - other codes upon request)
- Ink-jet print head for programmable endorsement

OPTIONAL MODULES

ASF 113

- Automatic document feeder
- Maximum capacity: 300 documents
- Possibility of feeding single sheets
- Dimensions 265x135x110 mm. - Weight: 3 Kg

SRT 133 M

- Sorter module with 3+1 bins
- Expandable up to 9+1 bins (3 modules + reject)
- Capacity of each bin: 250 documents
- Dimensions: 255x235x175 mm. - Weight: 5 Kg

ISS 122

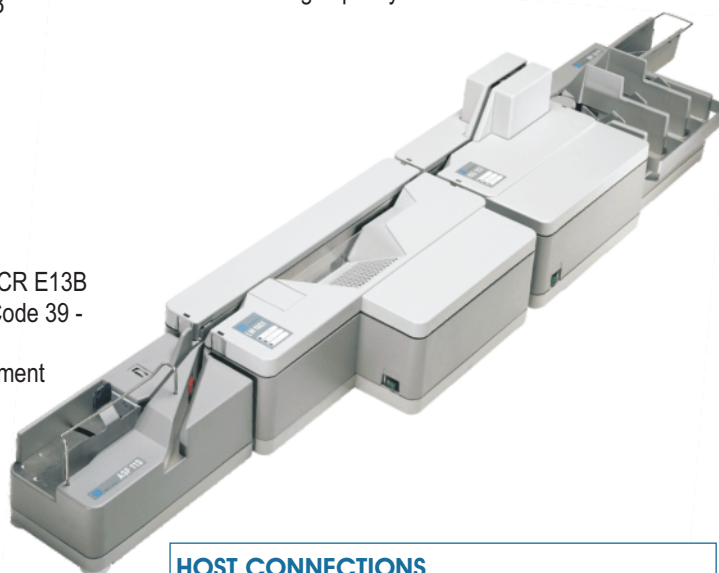
- Document scanning module
- Image resolution: 200 dpi or 100 dpi, 16 shades of grey, front and back side image capture.
- Front void stamp. Rubber pad not included
- Back endorsement stamp. Rubber pad not included
- Connection to the system by SCSI-2 interface
- Dimensions: 275x245x135 mm. - Weight: 9 Kg

DOCUMENT SPECIFICATIONS

- Length: 100-225 mm.
- Height: 35-110 mm.
- Thickness: 0.09-0.12 mm.

PAPER HANDLING

- Reading capacity: > 7000 doc/hour
- Read/encoding capacity: > 2400 doc/hour



HOST CONNECTIONS

RS232-C serial interface for standard connections

POWER SUPPLY

Mains & power:
- 230 Vac $\pm 10\%$ or 115 Vac $\pm 10\%$
- 100 VA, 50-60 Hz
- ON/OFF switch on the reader

DIMENSIONS AND WEIGHT (basic unit)

Dimensions: 740x250x140 mm.
Weight: 9 Kg

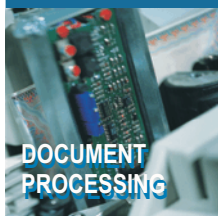
ENVIRONMENTAL CONDITIONS

Operating conditions: 10 \div 35°C 20 \div 80% R.H.
Storage: 0 \div 45°C 5 \div 95% R.H.
Transport: -15 \div 55°C 5 \div 95% R.H.
R.H.: (20H max)

HOMOLOGATIONS & MARKS

CE, CSA C & US, FCC
EN 60950

LM 100 M



electronics

Corso Vercelli, 332
10015 Ivrea (TO) - ITALY

Tel. ++39-0125-235611
Fax ++39-0125-235623

e-mail: sales@ctsgroup.it
www.ctsgroup.it