

ENTRY-LEVEL DOCUMENT READER-SCANNER

The LS 100 is a peripheral suited to handle banking documents. It can read MICR CMC7/E13B or OCR code lines and scan both sides of the document. Options include a high-resolution ink-jet printer working on the back side of the document and a self-inking front stamp, as well as a magnetic badge reader.

Connection to the system is by USB or serial RS232, while future developments include connection through Ethernet port. Document images and codelines may be transmitted in real time or collected in the unit's memory for a later download.

LS 100 offers a small footprint, friendly design and proves particularly quiet and easy to use, thus ideal applications are in banking (teller environment), retail and SoHo (remote banking applications).

BASIC UNIT

- Manual drop document feeding
- Front imaging camera
- MICR (CMC7/E13B) reader
- OCR reading (by software, on document image)
- PDF417 reading (by software, on document image)
- Collecting bin (capacity of 5 documents)

IMAGE CAPTURE

- LS100/1 16 or 256 gray scale, 100 or 200 dpi, B/W by fixed threshold.
- LS100/2 16 or 256 gray scale, 100 or 200 dpi, B/W by adaptive threshold 1-D and 2-D.
- LS100/3 Colour scanner 100 or 200 dpi, colour depth 24 bits. Grey scale and B/W imaging remains available.

OPTIONS

- Rear imaging camera
- Front document stamp (personalised)
- High-definition ink-jet printer for variable endorsing on the back of the document
- Magnetic badge reader (trk 2&3 or 1&2)

DOCUMENT SPECIFICATIONS

- Length: 100-330** mm
- Height: 50-105 mm. [image height: max 106 mm.; the unit can handle documents up to 106 mm.]
- Thickness: 0.07-0.10 mm.
- Weight: 70-110 gr./sqm.

PAPER HANDLING

- Single document feeding
- Reading speed: up to 500 mm./sec.
- Memory buffer up to 128 MB
- throughput: up to 3600 docs./h on USB 2.0 version
- throughput: up to 1500 docs./h on USB version
- throughput: up to 720 docs./h on RS232 version

* future enhancement

** Over 216 mm is available a new insertion guide

BRAND-NEW COLOUR SCANNER



HOST CONNECTIONS

LS100/1 USB 1.1
LS100/2 USB 1.1 or RS232C
LS100/3 USB 2.0* or RS232C
Ethernet*

POWER SUPPLY

External universal power supply: 110 or 220 V AC,
50-60 Hz
Output 24V

ON/OFF switch on the reader

DIMENSIONS AND WEIGHT

Machine: 215x125x160 mm., 1,2 Kg.
Power supply: 120x60x35 mm., 0,3 Kg

ENVIRONMENTAL CONDITIONS

Operating conditions: 10÷40°C, 20÷80% R.H.
Storage: 0÷55°C, 5÷95%
Transport: -15÷55°C, 5÷95% RH
20 hrs. Max

HOMOLOGATIONS & MARKS

Compliance: CE (UL CSA)*
Safety: EN 60950

NOISE LEVEL

< 55 db

Any changes without prior notice

LS100

