

# Leading banking technology since 1980

**The smallest  
Teller scanner  
In the market**



## LS100

LS100, specifically designed for today's teller and remote deposit capture check processing and image capture applications.

Available in both single feed and multi-feed document input configurations. In a compact size and friendly design are combined the essential technological features and options able to meet the most common transaction requirements: grayscale or color front and/or rear check image capture, MICR reader, rear endorsement ink-jet printer, self-inking front voidance stamp, magnetic stripe swipe card reader, USB or RS232 or, optionally, Ethernet connection interfaces.

The LS100 is supplied with software libraries that provide OCR and barcode, including PDF417, data recognition, image compression, bitonal image conversion using specific algorithms, for the most common Windows and Linux software platforms. A TWAIN driver is also available.



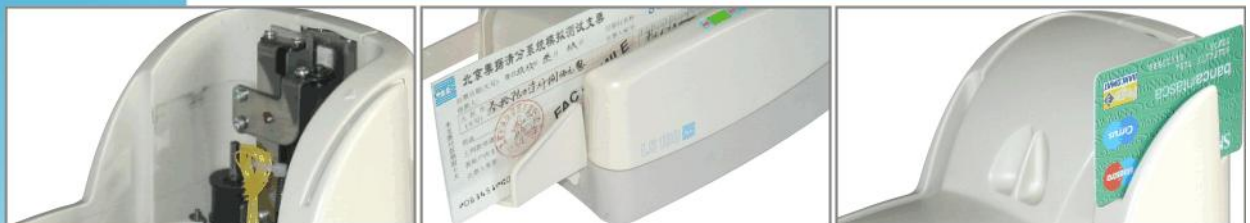
**The image of a leader**

## LS100 - Technical data

<b>Basic unit features</b>	! Manual drop document feeding ! Front imaging camera ! MICR (CMC77E13B) reader ! OCR reading (by software) ! PDF417 reading (by software)
<b>Options</b>	! Rear image camera ! Front document stamp (personalized) ! High definition ink-jet printer for variable endorsing on the back of the document ! Magnetic badge reader trk 1&2 or 2&3 ! Automatic document feeder with double feeding detection * OCR reading by on-board recognition
<b>Document specifications</b>	! Height: 50÷105 mm / 1.97÷4.13 in ! Length: 100÷216 mm / 3.94÷8.50 in ! Weight: 70÷110 gr/sqm / 0.01÷0.02 lb/sqf
<b>Image capture</b>	! LS100/3 16 or 256 grey scale, 100 or 200 dpi ! LS100/5 16 or 256 grey scale or color mode 100 or 200 dpi color depth 24 bits ! Black and white image gets by software ! Algorithm with adaptive threshold 1-D and 2-D ! Image format supported: BMP, JPEG, TIFF and TIFF group IV compression
<b>Noise level</b>	! <55 db
<b>Connection interface</b>	! LS100/3 USB 2.0 (USB 1.1 compatible) or RS232 ! LS100/5 USB 2.0 (USB 1.1 compatible) * Ethernet
<b>Performance</b>	! Reading speed: 500 mm/sec - 19.7 in/sec ! Memory buffer up to 128 Mbits ! Throughputs up to 3600 doc/hour
<b>Physical characteristics</b>	! Height: 160 mm / 6.30 in ! Width: 125 mm / 4.92 in ! Length: 215 mm / 8.47 in ! Weight: 2 Kg / 4.4 lbs
<b>Power supply</b>	! External switching adapter ! Input: 100-240 Vac ±10%, 50-60 Hz ! Output: 24 Vdc, 30 W ! ON/OFF Switch on the scanner
<b>Environmental conditions</b>	! Operating: 10 ÷ 40 °C / 50 ÷ 104 °F, 20 ÷ 80% R.H. ! Storage: 0 ÷ 45 °C / 32 ÷ 113 °F, 5 ÷ 95% R.H. ! Transport: -15 ÷ 55 °C / 5 ÷ 131 °F, 5 ÷ 95% R.H. R.H.: (20H max)
<b>Homologation</b>	! CE, CSA, C & US, FCC ! EN60950
<b>Software</b>	! Drivers for Windows 98/2000/XP/Vista and Linux ! Unified API, common across all LS series ! Active-X interface ! Twain interface driver

\* only available for special orders

Any changes without prior notice V. 1.4



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