

olivetti



# LS100

## TELLER SCANNER

**LS100** is the new teller scanner specifically designed for the **remote deposit capture check processing and image capture applications**.

**Compact design** and **very small dimensions** are combined with technological features and options to meet the most common transactions requirements: **greyscale or colour front/rear check image capture, MICR reader, rear endorsement ink-jet printer**, self inking front voidance stamp and magnetic stripe swipe card reader.

**LS100** is also supplied with **SW 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 SW platforms.

**ONE OF THE SMALLEST TELLER SCANNER IN THE MARKET**

**AVAILABLE IN BOTH SINGLE AND MULTIFEED DOCUMENT INPUT CONFIGURATIONS**

**GREYSCALE OR COLOUR FRONT/REAR CHECK IMAGE CAPTURE**

**MICR READER**

**HIGH DEFINITION INK-JET PRINTER FOR VARIABLE ENDORSING ON THE BACK OF THE DOCUMENT**

**USB, RS-232 OR ETHERNET CONNECTION INTERFACES (OPTIONAL)**

**AVAILABLE WITH TWAIN DRIVER**



**MANUAL OR AUTOMATIC FEEDER**  
up to 20 documents



**MAGNETIC CARD READER** optional



**FRONT/REAR SCANNER** with protection  
against wear and dust

## TECHNICAL SPECIFICATIONS

<b>GENERAL CHARACTERISTICS</b>	<b>Basic unit features</b>	<ul style="list-style-type: none"> <li>- Manual drop document feeding</li> <li>- Front/rear imaging scanner</li> <li>- MICR (CMC7/E13B) reader</li> <li>- OCR reading (by software)</li> <li>- PDF417 reading (by software)</li> </ul>	<b>Power button</b>	ON/OFF switch on the scanner
	<b>Interfaces</b>	USB 2.0 (USB 1.1 compatible) or RS-232C, Ethernet*	<b>Environmental conditions</b>	<ul style="list-style-type: none"> <li>- Operating: 10÷40 °C (50÷104 °F) 20÷80% R.H.</li> <li>- Storage: 0÷45 °C (32÷113 °F) 5÷95% R.H.</li> <li>- Transport: -15÷55 °C (5÷131 °F) 5÷95% R.H.(20H max)</li> </ul>
	<b>Performance</b>	<ul style="list-style-type: none"> <li>- Reading speed: 500 mm/s (19.7 in/s)</li> <li>- Memory buffer: up to 16 MByte</li> <li>- Throughput: up to 3,600 doc/hour</li> </ul>	<b>Software</b>	<ul style="list-style-type: none"> <li>- Drivers for Windows 98/2000/XP/Vista/Seven and Linux</li> <li>- Unified API, common across all IM series</li> <li>- Twain interface driver</li> </ul>
	<b>Document format</b>	<ul style="list-style-type: none"> <li>- Height: 50÷105 mm** (1.97÷4.13")</li> <li>- Length: 80÷300 mm (3.15÷11.8")</li> <li>- Thickness: 0.07÷0.12 mm (3÷5 mils)</li> <li>- Weight: 70÷110 g/m<sup>2</sup> (0.01÷0.02 lb/sqf)</li> </ul>	<b>Homologation</b>	CE, CSA (C & US), FCC, EN60950 RoHS compliant
	<b>Scanner</b>	<ul style="list-style-type: none"> <li>- LS100 (b/w): 16 or 256 grey scale, 100 or 200 dpi</li> <li>- LS100 (colour): 16 or 256 greyscale or colour mode 100 or 200 dpi color depth 24 bits</li> <li>- B&amp;W image by software</li> <li>- Algorithm with adaptive threshold 1-D and 2-D</li> </ul>	<b>Options</b>	<ul style="list-style-type: none"> <li>- Colour scanner</li> <li>- Automatic document feeder with double feed detection or Front document stamp (customised)</li> <li>- OCR reading by on-board recognition*</li> <li>- Ink-jet printer for endorsing</li> <li>- Magnetic badge reader trk 1&amp;2 or 2&amp;3</li> </ul>
	<b>Image formats</b>	BMP, JPEG, TIFF and TIFF group IV compression		
	<b>Noise level</b>	< 55 dB		
	<b>Power supply</b>	External switching adapter, multirange (Input: 100-240 Vac ±10%, 50-60 Hz Output: 24 Vdc, 36 W)	<b>Dimensions (WxDxH) and weight</b>	125 x 215 x 160 mm (4.92" x 8.47" x 6.30") 2 kg (4.4 lbs)

(\* ) Available upon request only

(\*\* ) Image height up to 105 mm. The unit is able to handle higher documents too

Product performances are referred to an appropriate use under optimal conditions. With the right to change technical specifications. The registered trademarks are the property of their respective owners. LS100 is distributed by Olivetti S.p.A. (12/09) - Code: 6000762-00