

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

GENERAL CHARACTERISTICS	Basic unit features	<ul style="list-style-type: none"> - Manual drop document feeding - Front/rear imaging scanner - MICR (CMC7/E13B) reader - OCR reading (by software) - PDF417 reading (by software) 	Power button	ON/OFF switch on the scanner
	Interfaces	USB 2.0 (USB 1.1 compatible) or RS-232C, Ethernet*	Environmental conditions	<ul style="list-style-type: none"> - 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.(20H max)
	Performance	<ul style="list-style-type: none"> - Reading speed: 500 mm/s (19.7 in/s) - Memory buffer: up to 16 MByte - Throughput: up to 3,600 doc/hour 	Software	<ul style="list-style-type: none"> - Drivers for Windows 98/2000/XP/Vista/Seven and Linux - Unified API, common across all IM series - Twain interface driver
	Document format	<ul style="list-style-type: none"> - Height: 50÷105 mm** (1.97÷4.13") - Length: 80÷300 mm (3.15÷11.8") - Thickness: 0.07÷0.12 mm (3÷5 mils) - Weight: 70÷110 g/m² (0.01÷0.02 lb/sqf) 	Homologation	CE, CSA (C & US), FCC, EN60950 RoHS compliant
	Scanner	<ul style="list-style-type: none"> - LS100 (b/w): 16 or 256 grey scale, 100 or 200 dpi - LS100 (colour): 16 or 256 greyscale or colour mode 100 or 200 dpi color depth 24 bits - B&W image by software - Algorithm with adaptive threshold 1-D and 2-D 	Options	<ul style="list-style-type: none"> - Colour scanner - Automatic document feeder with double feed detection or Front document stamp (customised) - OCR reading by on-board recognition* - Ink-jet printer for endorsing - Magnetic badge reader trk 1&2 or 2&3
	Image formats	BMP, JPEG, TIFF and TIFF group IV compression		
	Noise level	< 55 dB		
	Power supply	External switching adapter, multirange (Input: 100-240 Vac ±10%, 50-60 Hz Output: 24 Vdc, 36 W)	Dimensions (WxDxH) and weight	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

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