

Leading banking technology since 1980

**The smallest
Network scanner
In the market**

**For today's
Thin client and
Web based
Application**



LS100/IP

LS100/IP is the newest version of LS100, the most compact check scanner in the market for teller and remote deposit capture applications, designed to add the processing power and management flexibility of its native full networking capabilities to its other well renowned features.

The distinctive features of LS100/IP - 10/100 Ethernet network connectivity, full IP address, fixed or by DHCP, Net Mask and Gateway configuration capability, SSL for secure data transmission, on board Black & White image conversion, historical data and statistics as HTML pages – make it ideal for today's modern branch architectures based on thin clients and web based solutions. Device sharing and device reassignment to another workstation become very easy tasks.

LS100/IP is available in both single feed and multi-feed document input configurations. In its compact size and friendly design are combined the essential technological features and options able to meet the most common transaction requirements: greyscale, front and/or rear check image capture, MICR reader, rear endorsement ink-jet printer, self-inking front voidance stamp, magnetic stripe swipe card reader.

LS100/IP comes with a full programming environment for the development of onboard applications to be hooked to browser based application at the workstation level. In addition the standard libraries supplied with LS100 may also be used for backward application compatibility and to add OCR and barcode, including PDF417, data recognition, JPEG and TIFF image compression, and the option of bi-tonal image conversion at the workstation. Latest Windows software platforms are supported.

The image of a leader



LS100/IP - Technical data

Basic unit features	<ul style="list-style-type: none"> ! Manual drop document feeding ! Front imaging camera ! MICR (CMC7/E13B) reader ! OCR decoding (by software) ! PDF417 decoding (by software) ! 10/100 Ethernet interface 	
Options	<ul style="list-style-type: none"> ! Rear imaging camera ! Automatic document feeder with double feed detection ! Front document stamp (personalized), available in configurations without automatic feeder ! High definition ink-jet printer for variable endorsement on the backside of the document ! Magnetic stripe card reader tracks 1&2 or 2&3 	
Document specifications	<ul style="list-style-type: none"> ! 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 	
Image capture	<ul style="list-style-type: none"> ! 16 or 256 greyscale at 100 or 200 dpi ! On board Black and White image conversion or by software library at workstation level ! Algorithm with adaptive threshold 1-D and 2-D ! Image format supported: BMP, JPEG, TIFF and TIFF group IV compression 	
Noise level	! <55 db	
Connection interface	! 10/100 Ethernet	
Performance	<ul style="list-style-type: none"> ! Reading speed: 500 mm/sec - 19.7 in/sec ! Memory buffer up to 128 Mbits ! 48 doc/min with Ethernet switch connection, at 100 Mbit speed 	
Physical characteristics	<ul style="list-style-type: none"> ! Height: 160 mm / 6.30 in ! Width: 125 mm / 4.92 in ! Length: 215 mm / 8.47 in ! Weight: 2 Kg / 4.4 lbs 	
Power supply	<ul style="list-style-type: none"> ! External switching adapter ! Input: 100-240 Vac ±10%, 50-60 Hz ! Output: 24 Vdc, 30 W ! ON/OFF Switch on the scanner 	
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. R.H.: (20H max) 	
Homologation	<ul style="list-style-type: none"> ! CE, CSA, C & US, FCC ! EN60950 	
Software	<ul style="list-style-type: none"> ! Unified API, common across all LS series ! On board software environment ! Kernel and Shell Linux ! TCP/IP v6 ! Client DHCP 	<ul style="list-style-type: none"> ! SCP service ! SNMP protocol ! Telnet ! SSL/SSH

Any changes without prior notice V. 2.0



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