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PANINI ®

LX-100
PANINI CHECK SCANNER

The **LX-100** is the world's leading check scanning platform. With its unique characteristics – including scalability, ease of use, accessibility, unified API, accurate reading and outstanding image quality – LX-100 provides all essential functionalities required by distributed check capture, delivering the reliability customers expect when processing payments – with industry leading price/performance.

Key Benefits

- Provides an additional capability for an already compelling business case for distributed image capture.
- Sorting and printing functions may be determined by MICR or image data.
- Maintains the proven robustness and reliability of the products, providing the lowest total cost of ownership.
- Sleek design, quiet operation, and compact footprint.
- Includes Advanced Graphic Printer (AGP) designed for receipt and validation printing.

Technical Specifications

Performance	Three versions (software upgradable):
	VX 50: Up to 50 DPM.
	VX 75: Up to 75 DPM.
	VX 100+: ≥100 DPM.
	Performance declared for 6" checks. Final performance depends on applications and PC performance, and Panini Vision API release. Anticipated maximum performance for VX 100+ is 125 DPM.
	USB 2.0 interface.
Automatic Document Feeder	Three versions (software upgradable):
	Single document automatic drop – 1F version. Holding up to 50 documents – SF version. Holding up to 100 documents with unlimited continuous feeding – FF version.
	Double feed detection with ultrasonic technology.*
	Auto-tuning separator rollers designed to process documents with varied thickness and to compensate for normal wear.
	*In particular environmental circumstances and typically at very high altitude, a special calibration could be required. Please contact your provider for further details.
Inkjet Printer	Two versions (software upgradable):
	Rear inkjet printer (IJ version). No inkjet (NJ version, software upgradable).
	Printing capability: single line, alphanumeric characters, all MS Windows fonts.
	Reg CC compliant.
	Intelligent printing, image and MICR driven (SmartJet).
	Automatic cartridge presence detection and empty cartridge alert.
	Note: AGP version (Advanced Graphics Printer) is also available as a printing option.
Total Compatibility and Scalability	Total backward compatibility for software API > release 3.00.
	Full scalability (for software options) throughout the range, via software upgrade.
Pockets	A single exit pocket capable of holding up to 100 documents.
Workspace	Extremely compact footprint — ideal for teller, back office and business installations.
Documents Specifications	Height: Min. 54 mm (2.12") — Max. 106 mm (4.17").
	Length: Min. 80 mm (3.14") — Max. 235 mm (9.25").
	Weight: Min. 60 gr/m² (16 lbs.) — Max. 120 gr/m² (32 lbs.).
Interface	USB 2.0 port/backward compatible with USB 1.1.
	RS232 port for external device connection (SW/FW developments on request).
Dimensions and Weight	Height: 175 mm (6.88").
	Width: 138 mm (5.43").
	Length: 264 mm (10.39").
	Weight: 2.5 kg (5.73 lbs.).
Input Voltage	Autosensing from 100 to 240 VAC, 50 to 60 Hz.

Magnetic Reader	E13B/CMC7/automatic.
	Panini MICR Plus® exclusive technology with OCR assist feature.
	Superior MICR recognition and management.
Image Capture	Scanning: next generation Contact Image Sensor (CIS) technology (front and rear).
	Image format: bitmap in B/W, 256 shades of gray, color (Fast and True) drop out mode. TIFF, JPEG and G4 compression.
	Image resolution: 100, 200 or 300 dpi.
	Advanced dynamic thresholding.
	Superior auto calibrated image quality.
	Dual image: up to five images (three front + two rear) in one document pass.
Software Tools	Panini Vision API control running on:
	Windows 2000 S.P. 3, Windows XP S.P. 1, Windows Vista, Windows 7 & 8 with USB 2.0 or USB 1.1.
	ICR vision function for image snippet definition and download.
	Easy integration of ICR/barcode/OCR recognition technology.
Additional Options	HW: three track magnetic badge reader.
	HW: IR (infrared) or UV (ultraviolet) front image capture for security applications.
	HW: external dongle for temporary and device independent upgrades.
	SW: OCR recognition: OCR-A, OCR-B.
	SW: 1D barcode recognition: Code 39, Interleaved 2/5, EAN8, EAN13, UPCA, UPCE, Code 128.
	SW: 2D barcode (PDF417, Datamatrix).
	SW: Image Quality Assurance (IQA) library.
Application PC Minimum Requirements	VX 50, VX 75: Intel Pentium IV, 1.2 GHz, 512 MB RAM.
	VX 100+: Intel Pentium IV, 2 GHz, 512 MB RAM.
Diagnostic Features	On board diagnostics: tests the functionality of the scanner.
	Power-on self testing: automatic self testing and photocells calibration when powering the unit.
Maintenance	Maximum accessibility to every component to minimize MTTR.
	Total access to scanner and track area.
	Firmware upgradeable via PC.