



“The Vision X[®] platform underscores Panini’s commitment to continuous innovation, enabling our customers and partners to conduct business in a more efficient and effective manner.”

Valeria Panini
Vice President
PANINI S.p.A.

The Panini Vision X[®]

The Vision X is the next generation check scanning platform designed specifically for distributed check capture. Incorporating the reliability, quality and performance of the market-leading My Vision X[®] product suite, the Vision X provides advanced features with a strong commitment to backward compatibility and industry leading price/performance.

Advanced features you’ve come to expect from Panini

- OCR and MICR application bundled with API for optimal MICR read accuracy.
- 50, 75, and 100 documents per minute (DPM) based on 6” check specification.
- Single document feed model for low volume applications.
- Two pocket model available for applications requiring physical document sorting.
- Automatic Document Feeder for easy operator use.
- Advanced Graphic Printer (AGP) for receipt and validation printing.
- Intelligent Printing Capability – endorsement based on MICR read or image.
- Automatic inkjet cartridge detection and ink level monitoring.
- Advanced MICR reading algorithms in Panini MICR Plus[®] to ensure MICR read accuracy.
- High Speed Image Cameras – offering true color image capture and multiple settings for image resolution (100, 200, or 300 DPI or dots per inch), offering maximum image flexibility.
- High Torque Motors – quiet performance and reliable, operator friendly feeding of documents.
- USB 2.0 connectivity with WHQL certification for device recognition and simplified implementation.

Panini’s industry-leading reliability

The Panini Vision X[®] offers proven reliability you can count on. With a foundation of ISO: 9001 quality, rigorous testing and certification processes, and experience born from decades of check capture, you can be sure of Panini’s reliability.

A Vision X device can be quickly and easily upgraded via a software upgrade through the network. Scalability is offered in numerous areas including device speed, printing configurations, and document feeding to accommodate a broad range of transaction volume and processing time requirements.

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Technical Specifications

Performance	3 versions (SW upgradable): VX 50: Up to 50 DPM VX 75: Up to 75 DPM VX 100: Up to 100 DPM Performance declared for 6" checks. Final performance depends on applications and PC performance. USB 2.0 interface.	Image Capture	Scanning: Next Generation Contact Image Sensor (CIS) technology (front and rear). Image format: Bitmap in B/W, 256 shades of gray, Infrared, Color (Fast and True) drop out mode. TIFF, JPEG and G4 compression. Image resolution: 100, 200 or enhanced 300 DPI. Advanced Dynamic Thresholding. Superior auto calibrated image quality. Dual Image: 4 images in one document pass.
Automatic Document Feeder	3 versions (SW upgradable): Single document automatic drop – IF version Holding up to 50 documents – SF version Holding up to 100 documents – FF version Double feed detection with infrared (or ultrasonic option). Auto-tuning separator rollers designed to process varied thickness of documents and to compensate wear.	Software Tools	Panini Vision API control running on: Windows XP, Windows Vista and Windows 7 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. Optional TWAIN interface available.
Inkjet Printer	2 versions (SW upgradable). Rear Ink-jet Printer (IJ version) No ink jet (NJ) version, SW upgradable) Printing capability: Single line, Alphanumeric characters, all MS Windows fonts. Reg CC Compliant. Intelligent printing, image and MICR driven. Automatic cartridge presence detection and empty cartridge alert.	Additional Options	HW: 3 Tracks Magnetic BADGE READER. SW: OCR Recognition: OCR-A, OCR-B recognition engine. SW: Barcode Recognition: Code 39, Interleaved 2/5, EAN8, EAN13, UPCA, UPCE, Code 128. SW: Bi-dimensional barcode (PDF).
Total Compatibility and Scalability	Total backward compatibility for software API > release 2.24. Full version scalability (for SW options) throughout the range, via software upgrade.	Application PC Minimum Requirements	V X 50, V X 75: Intel Pentium IV, 1.2 GHz, 512 MB RAM. V X 100: Intel Pentium IV, 2 GHz, 512 MB RAM.
Pockets	A single exit pocket capable of holding up to 100 documents.	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.
Workspace	Extremely compact footprint—ideal for teller, back office and corporate installations.	Maintenance	Maximum accessibility to every component to minimize MTTR. Total access to scanner and track area. Firmware upgradeable via PC.
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 g/m ² (16#)–Max. 120 g/m ² (32#)	Input Voltage	Autosensing from 100 to 240 VAC, 50 to 60 Hz.
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 lb)
Magnetic Reader	E13B/CMC7/Automatic. New Panini MICR Plus® exclusive technology with OCR assist feature. Superior MICR recognition and management.		

The management system governing the manufacture of this product is ISO 9001:2008 and ISO 14001:2004 certified.

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