



“The New Vision X IF model, with its lower cost, will further enable growth for many of our clients who need the ability to deploy scanners across large numbers of low volume customer locations.

In addition, with the option to upgrade as deposit volume grows, the Panini Vision X series is the optimal scanner solution.”

Michael Branigan
Senior Product Manager
BANKLINK

The Panini Vision X[®] IF

The Panini Vision X[®] IF check scanner provides an economic entry solution for low volume check or document processing with the proven robustness, reliability, and scalability of the Vision X family of products.

With the ability to easily upgrade the IF to a batch feeder supporting 50 or 100 documents the Vision X capabilities can grow as your business grows, protecting your investment. With the Panini Vision X[®] portfolio of Distributed Capture Solutions, Panini customers can fully realize the advantages and efficiencies available with the digital transformation of the paper check.

Key Benefits

- Economic entry level reliability, that can be placed at low volume locations without compromising image quality, MICR reading, or scalability, ensuring lower cost transactions while minimizing the costs associated with errors and manual intervention.
- Ability to match performance requirements with a low volume, single feed solution.
- Ergonomic feeder with automatic document detection and feeding, eliminating the need to manually feed documents.
- Maintains the proven robustness and reliability of the Vision X family of products, providing the lowest Total Cost of Ownership.
- Same small footprint and quiet operation as other members of the Vision X family.
- Ensures full compatibility and easy integration with the Panini family of products, providing investment protection with the lowest cost of deployment and support.
- Preserves the “U shaped” track wall for outstanding document handling and easy removal of jams or foreign objects.
- Two image cameras offering the ability to capture the front and rear image of documents in a single pass.
- Includes a large exit pocket ideal for maintaining transaction sequence integrity.

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.

For additional models which may be available in your market, please contact your Panini Sales representative.

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Technical Specifications

Performance	Manual, up to 50 DPM. Final performance depends on operator speed, application 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) and 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	Single document automatic drop insertion. 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	Rear Ink-jet Printer (IJ version) and No ink-jet (NJ version, SW upgradable). Printing capability: Single line, Alphanumeric characters, all MS Windows fonts. or Rear Ink-Jet AGP (Advanced Graphic Printer) Printer. Printing capability: three versions upgradable via software.: AGP 1: one line text/graph in any vertical position. AGP 2: two lines text/graph in any vertical position. AGP 4: four lines text/graph for full 1/2"height. 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	Intel Pentium IV, 1.2 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.

 **Teksetra**TM