



The Panini Vision X[®] AGP

The Vision X[®] Advanced Graphic Printer, or AGP, enables banks to fully integrate receipt and validation printing with the market leading check scanner. Now banks have the added benefit of an integrated image capture solution enabling the printing of customized receipts at the teller station.

With the ability to print up to 4 lines of high resolution text or graphic characters, the Vision X AGP extends the range of possible applications of a standard check scanner with validation printing, endorsements, receipt printing with corporate logos, OCR and barcode printable characters. Each document can be printed with information that includes multi-line text, graphics or intermixed, all with any Windows font. Plus, the endorsement becomes “intelligent” — characters to be printed can be chosen through the application, based on MICR or image information.

Key Benefits

- Provides an additional component for an already compelling business case for distributed image capture.
- Eliminates capital, maintenance, and supplies costs associated with a separate receipt printer, with no requirement for high priced roll-tape (pre-cut receipts can be used).
- Provides the ability to perform multiple functions in one device.
- Prints a receipt faster than a roll-tape device.
- Provides a more cost effective solution than purchasing a separate scanner and receipt printer.

This integrated scanner and printing solution has already been adopted by multiple banks.

“Northern Trust needed a cost-effective, high quality check imaging solution that could accommodate the needs of multiple users, occupy a small space, and reliably handle a variety of transaction volumes in different branch locations.

The results have exceeded our expectations.”

Michael Valdez
Vice President
Northern Trust Personal Financial Services

PANINI S.p.A. (Headquarters)

via Po, 39 - 10124 Torino (Italy)
Phone +39.011.8176011 - Fax +39.011.81760150
e-mail: info@panini.com

PANINI North America

577 Congress Park Drive, Dayton, OH 45459 (USA)
Phone +1 937.291.2195 - Fax +1 937.291.2197
e-mail: info@panini.com

PANINI Limitada

Rua Joaquim Floriano, 871
11° A São Paulo - Brazil 04534-013
Phone +5511 3168-5521
e-mail: info@panini.com

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) 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	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	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	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.

BRO.VXAGP.R.01.E.1210