



“ The Vision X AGP Inkjet Printer enables banks to fully realize the advantages and efficiencies available with the digital transformation of the paper check.”

The Panini Vision X AGP (Advanced Graphic Printer) is the superior model that enriches the Vision X check scanning series with advanced printing capabilities. A multi-purpose branch device, ideal for both Front Office and Back Office Distributed Capture, that combines two solutions in one device: the features of an accurate check scanner and those of a true receipt printer.

Thanks to its possibility to print high resolution text on up to 4 lines or graphic characters, the Vision X AGP extends the range of possible applications of a standard check scanner with signature printing, corporate logos printing, OCR and barcode printable characters. Each single document can be printed with a different graphic information, multi-line text or intermixed, with any Windows font. Plus, the endorsement becomes "intelligent": characters to be printed can be chosen through the application, following MICR reading or scanned image information.

Receipt printing of deposit slips, graphic endorsing of checks with complex information, multiple and subsequent rear endorsing of checks are just some example of possible applications enabled by the Panini AGP technology, with a true value to the customers.

Three software upgradeable versions ensure the widest scalability, with 1, 2 or 4 lines printing capabilities. Additional product scalability is offered in areas such as speed performance, with 50, 75 or 100 documents per minute (DPM) upgrades, document feeding capacity from single up to 100 documents in the autofeeder, and Fast or True Color mode offered as standard. Outstanding MICR/OCR applications assure an optimal MICR read accuracy.

The Panini Vision X AGP fully capitalize all the enhanced features of next generation check scanning Vision X suite, helping customers lower operational costs, protect investments, optimize ROI (return on investment), and enhance the customer experience.

Real benefits in a snapshot

- **Outstanding Image Quality**, to guarantee image integrity and perfect data readability despite variations in documents processed, operational skills, environmental and usage conditions.
- **Superior MICR reading**: thanks to Panini's long term know how and experience, Vision X today features the most accurate MICR reading coupled with OCR assist feature, speeding up the deposit process. Transactions are thus secure and fast, resulting in a better customer service and compliance with Check Truncation requirements.
- **Backward compatibility**. Panini's partner driven software strategy ensures a controlled management of the Vision API: smooth adoption and consistency for previously installed units.
- **Increased Multifunctionality**: 3 tracks magnetic card reader ensuring a unique ergonomics multifunction device.
- **Strong multifunctionality**: an accurate check scanner and a true receipt printer all in one device, with the rear Ink-Jet AGP printer; available in three versions: AGP, AGP2 and AGP4, easily upgradeable via software. Intelligent Printing Capability available - endorsement based on MICR read or image
- **Widest range of application**: the AGP Ink Jet prints graphically on a 12,5 mm (1/2 inch) height and for the full document length at a 200x200 dpi resolution. The wide printing area, together with the impressive printing resolution, allows the use of the traditional rear endorsement function as a high quality tool to insert signature, complex logos, OCR and barcodes, extending the range of possible applications.
- **Customer focused operator**: the Panini Vision X AGP provides a very large capacity cartridge lasting for an impressive number of printed characters, each one printed with outstanding resolution, without replace the ink's cartridge. This means the operator can process and endorse a very large number of items focusing on customer's request.

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
 USB2.0 interface

AUTOMATIC DOCUMENT FEEDER

3 versions (sw upgradable)
 - single document automatic drop - 1F version
 - holding up to 50 documents - SF version
 - holding up to 100 documents - FF version
 Double feed detection with infrared
 Auto-tuning separator rollers designed to process varied thickness of documents and to compensate wear

INKJET PRINTER

Rear Ink-Jet AGP (Advanced Graphic Printer) Printer
 Printing capability: three versions upgradable via sw:
 AGP1: one line text/graph in any vertical position
 AGP2: two lines text/graph in any vertical position
 AGP4: four lines text/graph for full 1/2" height
 Alphanumeric characters, all MS Windows fonts
 Reg CC Compliant
 Printed information captured by the image
 Intelligent printing, image and MICR driven
 Automatic cartridge presence detection and empty cartridge alert

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

POCKETS

A single exit pocket capable of holding up to 100 documents

WORKSPACE

Extremely compact footprint - Ideal for teller, back office and corporate 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#) - Max: 120 gr/m2 (32#)

INTERFACE

USB2.0 port/Backward compatible with USB 1.1
 RS232 Port for external device connection (SW/FW developments on request)

MAGNETIC READER

E13B/CMC7/Automatic
 New 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, Infrared, Color (Fast and True) and drop out mode. TIFF, JPEG and G4 compression
 Image Quality Assurance sw (IQA) available as sw option
 Image resolution: 100, 200 or enhanced 300 dpi
 Advanced Dynamic Thresholding
 Superior auto calibrated image quality
 Dual Image: 4 images in one document pass

SOFTWARE TOOLS

Panini Vision API control running on:
 Windows 2000 S.P. 3, XP S.P. 1, Windows Vista 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: 3 Tracks Magnetic BADGE READER
 HW: External dongle for temporary and device independent upgrades
 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)

APPLICATION PC MINIMUM REQUIREMENTS

V X 50, V X 75: Intel Pentium IV, 1.2 GHz, 512 Megabytes Ram
 V X 100: Intel Pentium IV, 2 GHz, 512 Megabytes 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

INPUT VOLTAGE

Autosensing from 100 to 240 Vac, 50 to 60 Hz

DIMENSIONS AND WEIGHT

Height: 175 mm (6.88")
 Width: 138 mm (5.43")
 Length: 264 mm (10.39")
 Weight: 2.5 Kg (5.73#)

