



Advanced Solutions
for Document Processing

Vision X P



“ The Vision X P features complete the Panini distributed capture solutions as a logical addition to the most reliable check scanner line in the industry ”

The Panini Vision X P is the top range of the Vision X check scanner Series, first in the market to feature two pockets in a very compact footprint to allow for document sorting in a bank branch or in any Distributed Capture (DC) environment.

The Vision X P gives the possibility to perform real-time check sorting at a very competitive price thanks to two capable exit pockets holding up 100 documents each, perfectly integrated in the ergonomic Vision X profile.

Vision X P fully integrates all the enhanced features of next generation check scanning Vision X suite, and allows for a wide range of applications including:

- **teller application**, for physical separation, to respond to check truncation requests, or whenever a separated item clearing and management is needed (both from MICR and image information);
- **back office application**, where volumes and operations would need to be speed up, applying a cost saving system.

Thanks to the Vision X P, Panini assures to its customers the widest flexibility, and the robustness of a sorter produced in big volumes, in a small and compact footprint.

A perfect scalability is assured with two sorting versions based in the same hardware platform: one and two pocket device, easily upgradeable via software. The devices features new feeding capacity enhancement (up to 120 documents), speed performances upgrades (50, 75 or 100 documents per minute - DPM - and a superior image capture with Fast or True Color mode offered as standard.

Plus, the Panini Vision X P features the outstanding AGP (Advanced Graphic Printer) Ink-Jet printer and intelligent printing capabilities adding to the smallest check sorter on the market, the capability of a true receipt printer.

Vision X P helps 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**: two sorting pockets for a fast real-time document sorting based on MICR and/or image, within any distributed capture environment. Each pocket is capable of holding up to 100 checks. Full pocket sensor available.
- **Fully open scalability** - customers can have an outstanding basic hardware platform, to be upgraded via software: one (P1 version) or two (P2 version) sorting pockets enabling option, three different speed versions, two options for feeder capacity, AGP printing and Fast or True Color mode.
- **Intelligent endorsement**: outstanding Panini AGP ink-jet printer adds a true receipt printer to the sorting management capability. The endorsement becomes "intelligent": characters to be printed can be chosen through the application, following MICR reading or scanned image information.

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VISION X P TECHNICAL FEATURES

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**

2 versions (sw upgradable)
 - holding up to 50 documents - SF version
 - holding up to 120 documents - FF version
 Double feed detection with infrared (std) and ultra sonic technologies (future HW option)
 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

Two exit pockets capable of holding up to 100 documents each
 One or both pockets enabling option
 Flexible Sorting Options, based on MICR and/or image
 Full pocket sensor

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#)

