



“We selected the Panini Vision X P to complete our distributed capture solution because it’s a logical addition to the most reliable check scanner line in the industry.”

Steve Creviston
President
C-Soft Imaging

The Panini Vision X[®] P

The Panini Vision X P check scanner, featuring two exit pockets, enables Panini customers to perform real-time document sorting in any distributed capture environment with the proven robustness, reliability, and scalability of the Vision X family of products. Now, Panini customers have the added benefit of a high performance check scanner strategically designed for physical item sorting.

Key Benefits

- Provides an additional capability for an already compelling business case for distributed image capture.
- Sorting and printing functions may be determined by MICR or image data.
- Maintains the proven robustness and reliability of the Vision X family of products, providing the lowest total cost of ownership.
- Sleek design, quiet operation, and compact footprint.
- Includes Panini’s Advanced Graphic Printer (AGP) designed for receipt and validation printing.

Vision X P Applications

- On-us vs. transit checks.
- On-us vs. foreign items.
- Payment coupons vs. checks.
- Checks read vs. checks rejected.
- Checks using ACH methods vs. checks using image clearing methods.
- Checks eligible for image clearing vs. checks not eligible.
- Accommodates other sorting requirements.

The Panini Vision X P utilizes the Panini Vision API and is software compatible with the complete Vision X product line. The Panini Vision X P device can be quickly and easily upgraded via software through the network, including supporting 50, 75 and 100 dpm performance and other firmware upgradeable options, accommodating a broad range of transaction volumes and processing time requirements.

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Technical Specifications

Performance	Three versions (software 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, and Panini Vision API release. 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, color (Fast and True) and drop out mode. TIFF, JPEG and G4 compression. Image resolution: 100, 200 or 300 DPI. Advanced dynamic thresholding. Superior auto calibrated image quality. Dual image: up to five images (three front + two rear) in one document pass.
Automatic Document Feeder	Three versions (software upgradable): Single document automatic drop – IF version. Holding up to 50 documents – SF version. Holding up to 100 documents with unlimited continuous feeding – FF version. Double feed detection with ultrasonic technology.* Auto-tuning separator rollers designed to process documents with varied thickness and to compensate for normal wear. *In particular environmental circumstances and typically at very high altitude, a special calibration could be required. Please contact your provider for further details.	Software Tools	Panini Vision API control running on: Windows 2000 S.P. 3, Windows XP S.P. 1, Windows Vista, 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.
Inkjet Printer	Rear inkjet AGP (Advanced Graphic 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 ½" height. Alphanumeric characters, all MS Windows fonts. Reg CC compliant. Intelligent printing, image and MICR driven (SmartJet). Automatic cartridge presence detection and empty cartridge alert.	Additional Options	HW: three track magnetic badge reader. HW: IR (infrared) or UV (ultraviolet) front image capture for security applications. HW: external dongle for temporary and device independent upgrades. SW: OCR recognition: OCR-A, OCR-B. SW: ID barcode recognition: Code 39, Interleaved 2/5, EAN8, EAN13, UPCA, UPCE, Code 128. SW: 2D barcode (PDF417, Datamatrix). SW: Image Quality Assurance (IQA) library.
Total Compatibility and Scalability	Total backward compatibility for software API > release 3.00. Full scalability (for software options) throughout the range, via software upgrade.	Application PC Minimum Requirements	VX 50, VX 75: Intel Pentium IV, 1.2 GHz, 512 MB RAM. VX 100: Intel Pentium IV, 2 GHz, 512 MB RAM.
Pockets	Two exit pockets capable of holding up to 100 documents each. Flexible sorting options, based on MICR and/or image. Full pocket sensor.	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 gr/m ² (16 lbs.)—Max. 120 gr/m ² (32 lbs.).	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 lbs.).
Magnetic Reader	E13B/CMC7/automatic. Panini MICR Plus® exclusive technology with OCR assist feature. Superior MICR recognition and management.		

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