



“The Vision X<sup>®</sup> platform underscores Panini’s commitment to continuous innovation, enabling our customers and partners to conduct business in a more efficient and effective manner.”

John O’Malley,  
CEO,  
PANINI

## The Panini Vision X<sup>®</sup>

The Vision X is the world’s leading check scanning platform. With its unique characteristics – including scalability, ease of use, accessibility, unified API, accurate reading and outstanding image quality – Vision X provides all essential functionalities required by distributed check capture, delivering the reliability customers expect when processing payments – with industry leading price/performance.

### Advanced features you’ve come to expect from Panini

- Advanced MICR reading algorithms—including OCR correction—bundled with API for optimal MICR read accuracy.
- 50, 75, and 100+ documents per minute (dpm) based on 6” check specification.
- Automatic document feeder for easy operator use.
- High torque motors – quiet performance and reliable, operator friendly document feeding.
- Intelligent printing capability – endorsement based on MICR read or image.
- Automatic inkjet cartridge detection and ink level monitoring.
- Advanced Graphic Printer (AGP) model available for receipt and validation printing.
- High speed image cameras – offering grayscale and color scanning in multiple resolution settings (100, 200, or 300 dots per inch), for maximum image flexibility.
- Infrared and ultraviolet front imaging options for security applications.
- USB 2.0 connectivity with Microsoft WHQL certification for device recognition and simplified implementation.
- Two pocket model available for applications requiring physical document sorting.
- Expandable with MFS (Multi-Function System) modules providing additional functionality and compelling benefits for teller applications.

### Panini’s Industry-Leading Reliability

The Panini Vision X offers proven reliability you can count on. With a foundation of ISO: 9001 quality, rigorous testing and certification processes, and experience born from decades of check capture, you can be sure of Panini’s reliability.

A Vision X device can be quickly and easily upgraded via software 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.

Featuring a modern, ergonomic design and quiet operation, the Vision X is a compact, robust scanner designed to read the check MICR line, capture front and back images and print customized endorsement and receipt information.

The Vision X is strategically designed to support the complete range of distributed capture applications including branch teller, back counter and remote deposit capture, and is equally efficient in processing non-check documents such as utility bills, meal vouchers, gift coupons and more.

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# Technical Specifications

<b>Performance</b>	Three versions (software upgradable): VX 50: Up to 50 DPM. VX 75: Up to 75 DPM. VX 100+: ≥100 DPM.  Performance declared for 6" checks. Final performance depends on applications and PC performance, and Panini Vision API release. Anticipated maximum performance for VX 100+ is 125 DPM.  USB 2.0 interface.	<b>Magnetic Reader</b>	EI 3B/CMC7/automatic.  Panini MICR Plus® exclusive technology with OCR assist feature.  Superior MICR recognition and management.
<b>Automatic Document Feeder</b>	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.	<b>Image Capture</b>	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) 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.
<b>Inkjet Printer</b>	Two versions (software upgradable): Rear inkjet printer (IJ version). No inkjet (NJ version, software upgradable).  Printing capability: single line, alphanumeric characters, all MS Windows fonts.  Reg CC compliant.  Intelligent printing, image and MICR driven (SmartJet).  Automatic cartridge presence detection and empty cartridge alert.  Note: AGP version (Advanced Graphics Printer) is also available as a printing option.	<b>Software Tools</b>	Panini Vision API control running on: Windows 2000 S.P. 3, Windows XP S.P. 1, Windows Vista, Windows 7 & 8 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.
<b>Total Compatibility and Scalability</b>	Total backward compatibility for software API > release 3.00.  Full scalability (for software options) throughout the range, via software upgrade.	<b>Additional Options</b>	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: 1D barcode recognition: Code 39, Interleaved 2/5, EAN8, EAN13, UPCA, UPCE, Code 128.  SW: 2D barcode (PDF417, Datamatrix).  SW: Image Quality Assurance (IQA) library.
<b>Pockets</b>	A single exit pocket capable of holding up to 100 documents.	<b>Application PC Minimum Requirements</b>	VX 50, VX 75: Intel Pentium IV, 1.2 GHz, 512 MB RAM. VX 100+: Intel Pentium IV, 2 GHz, 512 MB RAM.
<b>Workspace</b>	Extremely compact footprint—ideal for teller, back office and business installations.	<b>Diagnostic Features</b>	On board diagnostics: tests the functionality of the scanner.  Power-on self testing: automatic self testing and photocells calibration when powering the unit.
<b>Documents Specifications</b>	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 <sup>2</sup> (16 lbs.)–Max. 120 gr/m <sup>2</sup> (32 lbs.).	<b>Maintenance</b>	Maximum accessibility to every component to minimize MTTR.  Total access to scanner and track area.  Firmware upgradeable via PC.
<b>Interface</b>	USB 2.0 port/backward compatible with USB 1.1.  RS232 port for external device connection (SW/FW developments on request).	<b>Input Voltage</b>	Autosensing from 100 to 240 VAC, 50 to 60 Hz.
		<b>Dimensions and Weight</b>	Height: 175 mm (6.88"). Width: 138 mm (5.43"). Length: 264 mm (10.39"). Weight: 2.5 kg (5.73 lbs.).

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MADE WITH RECYCLED MATERIALS  
Printed on stock that contains 10%  
post-consumer recycled content.

The management system governing the manufacture of this product is ISO 9001:2008 and ISO 14001:2004 certified.

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