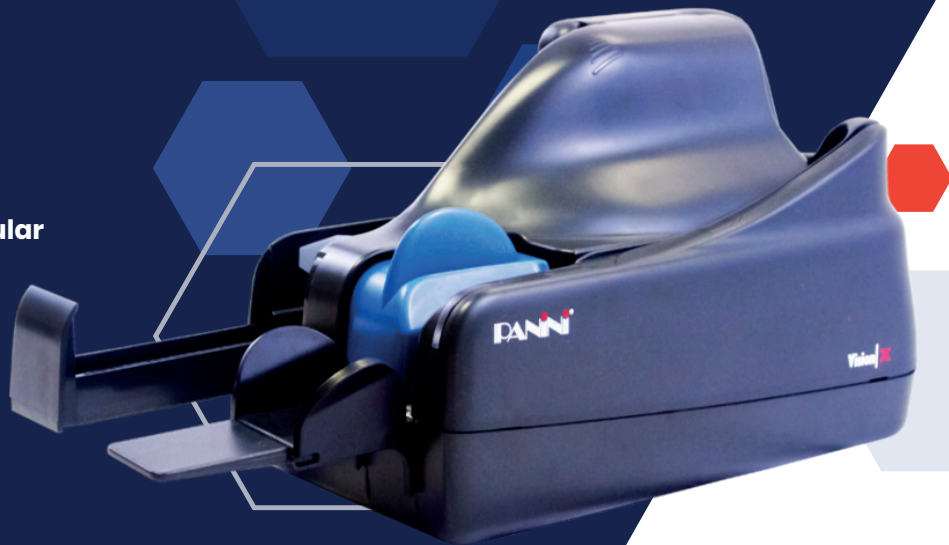


Vision X

The check scanner by definition

The Panini Vision X is **the most popular check scanner on the market**, with an impressive list of references among Financial Institutions of all sizes as well as Post Offices and business users, and over a million worldwide installations.



Efficient image-based truncation

The Vision X helps Financial Institutions and other businesses take full advantage of the efficiencies and savings brought by the digital transformation of the paper check, in teller, back counter and remote deposit applications; It is equally effective for non-check applications dealing with payment slips, utility bills, meal vouchers, lottery tickets and similarly sized coupons.



MICR read accuracy and superior **image quality**



Physical and virtual item **endorsement options**



Flawless document handling and unparalleled **ergonomics**



System **Scalability**

◆ The natural choice

The scanner was designed after an accurate analysis of the user's needs, resulting in a masterpiece of balance and user-centricity: **easy to use, easy to service.**

Its combination of **undisputed reliability** on the basics of check capture, attractive total cost of ownership, outstanding ergonomics and system scalability ensure its **continued success.**

"We 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

Details make the difference

1 Feeding and Throughput (scalability)

The universally praised three-mode autofeeder allows:

- drop-feeding a single check
- one-hand feeding of a batch up to 30
- feeding a batch up to 100 checks by pressing the blue plate

Three scalable autofeeder configurations are available:

- 1F (single feed, upgradable to batch)
- SF (50 check capacity)
- FF (unlimited capacity)

SF and FF configured units come in three throughput levels, also scalable: 50, 75 or 100+ (up to 125) documents per minute (DPM).

2 Accurate MICR

Advanced MICRPlus® reading algorithms including optical correction for optimal decoding accuracy. MICRPlus uses an optical response only when one or more characters show poor confidence in primary magnetic reading, thus further reducing errors and preventing misreads.

3 Advanced Printing Options

I-line rear printer for basic check endorsement, or Advanced Graphics Printer (AGP) for rich endorsement, validation, or cut sheet receipts including up to 4 lines of text, signatures, logos and other graphics. The SmartJet function can be used to define whether to print an item and what to print.

Outstanding accessibility

Three removable covers.
Snap-off U-track providing full access to the paper path with a single gesture.
Swing-open image cameras for easy cleaning.

Dimensions:

138 mm – 5.43" (width)

264 mm – 10.39" (length)

185 mm – 7.28" (height)

Weight: ~2.5 Kg – ~5.73 lb

Software Tools

The Vision X works with Panini's VisionAPI library and connects to a Windows PC host using a USB cable. VisionAPI is also available for specific releases of MacOS and Linux.

5 One or Two Pockets

The pocket will hold up to 100 checks, in the order in which they were processed.

A two-pocket version is available, the **Vision XP**, for dynamic, application-driven check sorting and rejecting.

The P version is always equipped with the AGP.

4 Advanced Imaging

Superior bitonal (black & white), grayscale and color scanning up to 300 dpi.

Ultraviolet light front imaging option for security applications (anti-fraud).

Front and rear images are captured in a single pass (duplex) in various formats (BMP, TIFF G4, JPEG, GIF).



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Vision X

Technical Specifications

Performance	Three throughput levels (software upgradable): up to 50, 75 and 100+ DPM (documents per minute – measured on 6” checks).
Automatic Document Feeder	Three scalable autofeeder configurations are available: <ul style="list-style-type: none">• 1F (single feed, upgradable to batch)• SF (50 check capacity)• FF (100 check capacity with unlimited continuous feeding; 120 checks on Vision X P) Double feed detection using ultrasonic technology. Auto-tuning separator rollers designed to process documents with varied thickness and to compensate for normal wear. Special version: Vision 1 – single document drop, not upgradable to batch feed.
Magnetic codeline reading	E13B/CMC7/Automatic; Panini MICRPlus® exclusive technology with optical correction.
Ink jet Printer	Rear ink jet printing capability – three versions: <ul style="list-style-type: none">• NJ: no printing – software upgradable to IJ;• IJ: single line printer;• AGP1, 2 or 4 (Advanced Graphic Printer): up to 1, 2 or 4 lines (software upgradable) of text and/or graphics, ½” (12 mm) max. height. Reg CC Compliant with Alphanumeric characters and all MS fonts. SmartJet function: intelligent printing, image and MICR driven. Automatic cartridge presence detection, empty cartridge alert for AGP.
Virtual Endorsement	Up to 8 different virtual endorsements applicable to rear document image. User can select: multi-line text and/or bitmap; endorsement area (3 pre-defined areas following ANSI X9 standard for US checks; 5 customizable); font and color; rotation (0, 90, 180 or 270°).
Image capture	Contact Image Sensor (CIS) technology, front and rear. Image format: Bitmap in B/W, 256 shades of gray, Color (Fast and True), dropout mode; TIFF, JPEG, and G4 compression. Image resolution: 100, 200 or 300 dpi. Advanced Dynamic Thresholding. Dual Image: up to 5 images (3 front + 2 rear) in one document pass. Ultraviolet front light imaging optional (hardware option).
Pocketing	Exit pocket capable of holding up to 100 documents. Vision X P: TWO exit pockets for physical sorting, capable of holding up to 100 documents. P version always includes the AGP printer.
Document Specifications	Height: 54 mm (2.12”) to 106 mm (4.17”); Length: 80 mm (3.14”) to 235 mm (9.25”); Weight: 60 gr/m2 (16#) to 120 gr/m2 (32#).
Magstripe reading	Optional bidirectional, manual swipe magnetic card reader, three-track, mounted on the outer cover (hardware option).
Software Options	OCR Recognition engine: OCR-A, OCR-B 1D Barcode Recognition engine: Code 39, Interleaved 2/5, EAN8, EAN13, UPCA, UPCE, Code 128 2D Barcode: PDF417, Datamatrix, QR Code Image Quality Assurance (IQA) library
Compatibility	Total backward compatibility for software API > release 4.0. Full scalability via software upgrade.
Software Tools	Panini VisionAPI control running on MS Windows Vista, Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11 (32/64 bit).
Interface	USB 2.0 interface with WHQL certification for device recognition.
Diagnostics	On board Diagnostics: tests functionality. Power-on Self-Testing: automatic self-testing and photocells calibration.
Maintenance	Maximum accessibility to minimize MTTR. Total access to scanner and track area.
Supply Voltage	Autosensing from 100 to 240 VAC, 50 to 60 Hz.
Input Voltage	30 VDC.
Dimensions	Ergonomically compact footprint – ideal for teller, back office, and business installations. Height 185 mm (7.28”); Width 138 mm (5.43”); Length 264 mm (10.39”); Weight 2.5 kg (5.73 lb).