# Vision neXt™

The **Vision neXt** is our total teller automation platform helping banks transform their branches into customer-centric service centers. We've added unique features such as our patented auto-alignment mechanism and swing-open covers to the proven reliability for which Panini is known, packaged in a new, compact European design. All of this increases a bank's productivity, minimizes operator training, and eliminates the need for additional teller devices, lowering operational costs.

## This Revolutionary Platform...

Leverages the world's largest installed base and most trusted brand in distributed capture — the Panini Vision X — meeting and exceeding the quality and innovation benchmarks customers have come to expect from Panini.

Provides rich functionality, optimized ergonomics, price/performance leadership, the industry's best total cost of ownership, and demonstrable savings, backed by Panini's world-class service and support capabilities.

Features breakthrough innovation and versatile capabilities:

- Automatic document alignment to ensure transaction accuracy and integrity

- Multi-format document capture to fully extend investment to document and transaction automation

- Economical multi-function printer to enable a wide range of printing capabilities in one compact and cost effective device

### Trust. Value. Innovation.

The Vision neXt is built on a foundation of distributed capture expertise embedded within the genetic code of Panini.

"As a payment technology innovator, we are not bound by conventional thinking, and the Panini Vision neXt is a testament to our ongoing effort to deliver breakthrough technology that exceeds the high expectations of our customers and partners."

**Michael Pratt,**
CEO, Panini

# Vision neXt™

## Practical and Breakthrough
# Innovation

**State-of-the-Art Advanced Graphics Printer (AGP)**

Capable of printing customer receipts, endorsements, validations and more.

Prints up to 14 lines of text and graphic images including logos and check images.

**Full color, Dual-Sided ID Card Scanning**

For new account creation or customer identification applications.

**Advanced Auto-alignment**

Virtually eliminating the need to hand jog or machine jog items, creating dramatic savings related to rework and errors.

**Accurate MICR and Advanced Imaging**

Advanced MICR reading algorithms – including optical correction for optimal decoding accuracy – and superior grayscale and color duplex scanning.

**Exception Pocket**

Efficiently manages foreign items, rejected transactions, and wrongly positioned items on the fly.

**Ergonomic design**

With swing-open covers allowing complete visibility to device interior for cleaning, jam removal, and ink-cartridge replacement.

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### Benchmark
TECHNOLOGY GROUP

For more information on the Panini Vision neXt, please contact Benchmark Technology Group at 470-865-6000 or email info@btg-us.com.

# Vision neXt™
## Technical Specifications

| | |
|---|---|
| **Performance** | Two versions (software upgradable): Vn100: Up to 100 DPM (documents per minute) throughput; Vn160: Up to 160 DPM (6'' checks). True throughput depends on application and PC performance. |
| **Automatic Document Feeder** | Advanced Auto-Alignment (vertical and horizontal) functionality. Double feed detection with ultrasonic technology and auto-tuning separator rollers designed to process documents with varied thickness and to compensate for normal wear. |
| **Magnetic reader** | E13B/CMC7/Automatic; Panini MICR Plus® exclusive technology. |
| **Inkjet Printer** | Rear ink jet printing capability – four versions: <br> • NJ: no printing – software upgradable to IJ; <br> • IJ: single line printer; <br> • AGP4 (Advanced Graphic Printer): up to 4 lines of text and/or graphics, ½" (12 mm) print height, software upgradable to AGP14; <br> • AGP14: up to 14 lines of text and/or graphics, 1.5" (38.1 mm) print height in four print segments, with cartridge capping and cleaning station. Reg CC Compliant with Alphanumeric characters and all MS fonts. Automatic cartridge presence detection and 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** | Next generation 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. Infrared light imaging optional (hardware option). |
| **Pockets** | Exit pocket capable of holding up to 100 documents. Single document exception pocket. |
| **ID Card Scanning** | Duplex scanning of ISO 7810 (ID-1) format plastic cards (not embossed). Image and file format: same as paper docs. Resolution: up to 600 dpi physical. Dedicated front access feed track, returned to exit pocket. |
| **Document Specifications** | Height: 54 mm (2.12") to 106 mm (4.17"); Length: 105 mm (4.13") to 216 mm (8.5"); Weight: 70 gr/m2 (18.7#) to 120 gr/m2 (32#). ID card: ISO 7810 (ID-1) format (85.60 × 53.98 mm) plastic (non-embossed). |
| **Workspace** | Ergonomically compact footprint – ideal for teller, back office, and business installations. |
| **Compatibility** | Total backward compatibility for software API > release 4.x; Full scalability via software upgrade. |
| **Software Tools** | Panini Vision API control running on MS Windows Vista, Windows 7, Windows 8, Windows 8.1, Windows 10. |
| **Hardware Options** | IR (Infrared) front imaging for security applications; 3-port, inset USB Hub; Panini Thermal Receipt Printer (stackable or free positioning versions). |
| **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); Image Quality Assurance (IQA) library. |
| **Interface** | USB 2.0 high speed port. |
| **PC Minimum Requirements** | CPU: x86 and x64 starting from Pentium IV 2 GHz; RAM: 512 MB; USB 2.0/3.0 port. Panini Vision API ≥ 4.1.x running on Microsoft Windows Vista, Windows 7, Windows 8, Windows 8.1, Windows 10 - 32 and 64 bit. |
| **Diagnostics** | On board Diagnostics: tests functionality. Power-on Self-Testing: automatic self-testing and photocells calibration. |
| **Maintenance** | Maximum accessibility to minimize MTTR. Swing-open covers for full paper track and ink jet cartridge accessibility. |
| **Supply Voltage** | Autosensing from 100 to 240 VAC, 50 to 60 Hz. |
| **Input Voltage** | 30 VDC. |
| **Dimensions** | Height: 193 mm (7.6''); Width: 155 mm (6.1''); Length: 227 mm (8.9''); Weight: 2.1 Kg (4.63 lb). |

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