Vision neXt Technical Specifications

Performance

Two versions (software upgradable):

> Vn 100: Up to 100 DPM (documents per minute) throughput
>
> Vn 160: Up to 160 DPM

Performance declared for 6'' checks.

True throughput depends on application and PC performance.

Automatic Document Feeder

Two versions (software upgradable):

> Holding up to 100 documents with Vertical Alignment functionality - VA version
>
> Holding up to 100 documents with Advanced Auto-Alignment (vertical and horizontal) functionality

Double feed detection with ultrasonic technology.

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 for superior recognition.

Superior MICR and OCR recognition and management.

Inkjet Printer

Rear ink-jet printing capability – four versions:

> NJ: no printing – software upgradable to IJ
>
> IJ: single line printer
>
> AGP4 (Advanced Graphics Printer): up to 4 lines of text and/or graphics, ½'' (12 mm) print height
>
> AGP14: up to 14 lines of text and/or graphics, 1.5'' (38 mm) print height, with cartridge capping and cleaning station

Alphanumeric characters, all MS Windows fonts.

Reg CC Compliant.

Intelligent printing, image and MICR driven (*SmartJet*).

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 flexibility
>
> Rotation (0, 90, 180 or 270°)

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), dropout 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 5 images (3 front + 2 rear) in one document pass.

Pockets

Exit pocket capable of holding up to 100 documents with sequence integrity.

Single document exception pocket.

ID Card Scanning

Duplex scanning of ISO 7810 (ID-1) format plastic cards (non-embossed).

Image and file format: same as paper documents.

Image resolution: up to 600 dpi.

Dedicated front access feed track, returned to exit pocket.

Document Specifications

Height: Min. 54 mm (2.12'') – Max. 106 mm (4.17'').

Length: Min. 105 mm (4.13'') – Max. 216 mm (8.5'').

Weight: Min. 70 gr/m2 (18.7#) – Max. 120 gr/m2 (32#).

ID card: ISO 7810 (ID-1) format (85.60 × 53.98 mm) plastic cards (non-embossed).

Vision neXt Technical Specifications Continued...

Workspace — Ergonomically compact footprint - ideal for teller, back office, and business installations.

Compatibility and Scalability — Backward compatibility for software API ≥ release 4.1.

Full scalability (for software options) throughout the product range, via software upgrade.

Software Tools — Panini Vision API control running on MS Windows 2000 S.P. 3, XP S.P. 1, Windows Vista, Windows 7, Windows 8.

ICR Vision function for image snippet definition and download.

Easy integration of third-party ICR/Barcode/OCR recognition technology.

Hardware Options — IR (Infrared) front image capture for security applications.

UV (Ultraviolet) front image capture for security applications.

3-port, inset USB Hub.

3-track Magnetic Card (Magstripe) and EMV Smart Card reader combination.

Panini Thermal Receipt Printer (USB, separate power supply).

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 or higher.

Application 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 XP SP3, Windows Vista, Windows 7, Windows 8 - 32 and 64 bit.

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.

Swing-open covers for full paper track and inkjet cartridge accessibility.

Firmware upgradable via PC.

Power Supply Input Voltage — Autosensing from 100 to 240 VAC, 50 to 60 Hz.

Device Input Voltage — 30 VDC.

Dimensions and Weight —
Height: 193 mm (7.6").
Width: 155 mm (6.1").
Length: 227 mm (8.9").
Weight: 2.1 Kg (4.63 lb).

*Contact us today at **+1 937.291.2195** or **sales@panini.com** to learn more about how Vision neXt can help reduce transaction processing time and errors, and increase operational savings.*

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