VIDEK

DocuVision® Pro Web Inspection System
Automated Quality Control for High-Speed Inkjet Presses

Digital Eyes for your inkjet printer!

DocuVision® Pro is an in-line, full-page print quality and data integrity inspection system built for interoperability with today's high-speed color inkjet printers. At web speeds up to 1000 feet per minute, DocuVision delivers full page, full color 100% quality control assurance for today's inkjet presses.

Reduce touch points, Maximize printer uptime

Manual quality processes remain time consuming, ineffective and subjective, however automating the validation of critical press attributes overcomes this human limitation. DocuVision's proprietary "Prime Page" test pattern coupled with new Print Quality Monitoring tools provide a revolutionary way to automate QC without impacting press operations. High-resolution images are automatically analyzed to confirm key press attributes and assure consistent output. Should any out-of-spec condition be detected, the operator is immediately alerted to the issue and optionally, the press can be signaled to stop production. This automated approach to QC reduces the requirement for skilled operators by providing a powerful tool to assure confidence in he press' performance delivering more sellable sheets per hour of press operation.
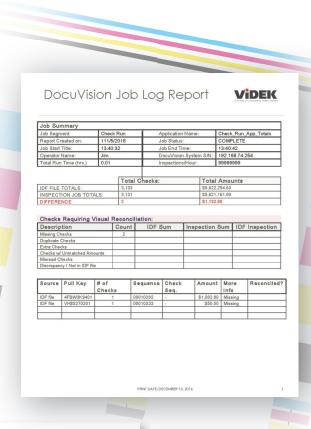
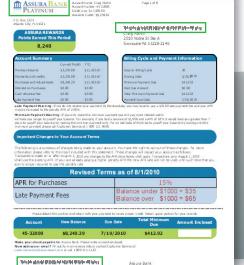## Digital QC Folders eliminate physical file storage

Use DocuVision to store and archive Prime Page and any other QC or Job Test pages directly to a digital folder. This process eliminates printer stoppage, roll cutting and time-consuming intervention. Review proof-of-print files at any time on the network.

It's all about the Data

For transactional documents or targeted personalized direct mail, verifying digital information can be critical for compliance and regulatory concerns. DocuVision's powerful software algorithms include the following:

- MICR character inspection, recognition and quality
- Alpha-numeric and OCR text reading
- Barcode reading and verification - 1D, 2D Data Matrix and postal codes including Intelligent Mail Barcode (IMB)
- Front-to-back matching
- Sequence checking, missing and duplicate document identification
- Page registration measurement
- Optional Data and Image Archiving

Key Features:

- Real-Time Web Viewing
- Print Quality
- Color Monitoring
- OCR/ MICR/ Barcode Reading
- Front to Back Matching
- Out of Sequence Checking
- Data Storage
- Job Reporting

DocuVision Integration Options:

In-Line Web Transport offers the ultimate in flexibility

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- Compatible and interchangeable with leading continuous printers
- Web Widths up to 44", Simplex or Duplex, L-to-R or R-to-L paper path, Slack or Tight Web (shown) configurations available.
- Superior imaging using proprietary cloud lighting and custom web handling drums.
- Supports a field-upgradable option to validate location and quality of variable perforations.

Inside-the-Printer System adds no additional footprint

Exceptional for tight production facilities where additional equipment is not an option, this configuration eliminates a web handling device. The monitors can be mounted on the printer or onto a small operator stand depending upon customer preference.

- Eliminates a web handling device
- High resolution contact image sensor delivers crisp, high-resolution color images to DocuVision.
- Optional operator viewing stand adds only 2 sq. feet of footprint.

DocuVision System Specifications:

Software: DocuVision 14.0 or higher

- Real-time Linux based OS
- Prime Page Generator Application

Print Inspection Capabilities:

- Missing or Misdirected Jet Detection
- Color to Color Registration (CMYK)
- Head Alignment (Stitch Accuracy)

Automated Inspection Capabilities:

Variable Data (OCR, MICR), Sequence Checking, Print Registration Barcodes (2D DataMatrix, 1D, Postal), Presence/Absence Job, Summary Reports, Streak Detection, Conditional Inspection, Image Archive and More.

Imaging System Hardware:

- Full Color, High-resolution imaging system, CIS or Line Scan
- Power Requirements: 120 VAC, 10A or 220VAC, 5A

DocuVision Prime Page

Prime Page Generator is configured for each paper width
Frequency: Inserted into print stream at desired inspection Interval

DocuVision Pro: Simplifies User Interface

- Touch Screen Format,
- Pinch-to-Zoom and Easy Set Up
- Multi-Lingual Support – Visual Warnings, Error Messaging, Printer Stop (if desired) – Freeze, Pan, Zoom and Replay Images
- Built-In Data Collection: New data storage access provides quickly offers important logs, eliminates the additional hardware controller
- Quick-touch Help – New help system delivers quick answers making you more productive
- Language Support: Easily add on additional languages.
- Real-time Messaging: Error messaging provides detailed listing of inspection errors.
- Basic Image Archiving – Single image archive stores up to 5% of typical print run.

Printer compatibility:

Canon Océ	Pitney Bowes:	Hewlett Packard:	Ricoh:	Screen:
JetStream™, ImageStream™, ColorStream™	AcceleJet™	T-200, T-300, T-400™	Pro VC60000™, IP5000	TruePress 520S, 520ZZ™, 520HD

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