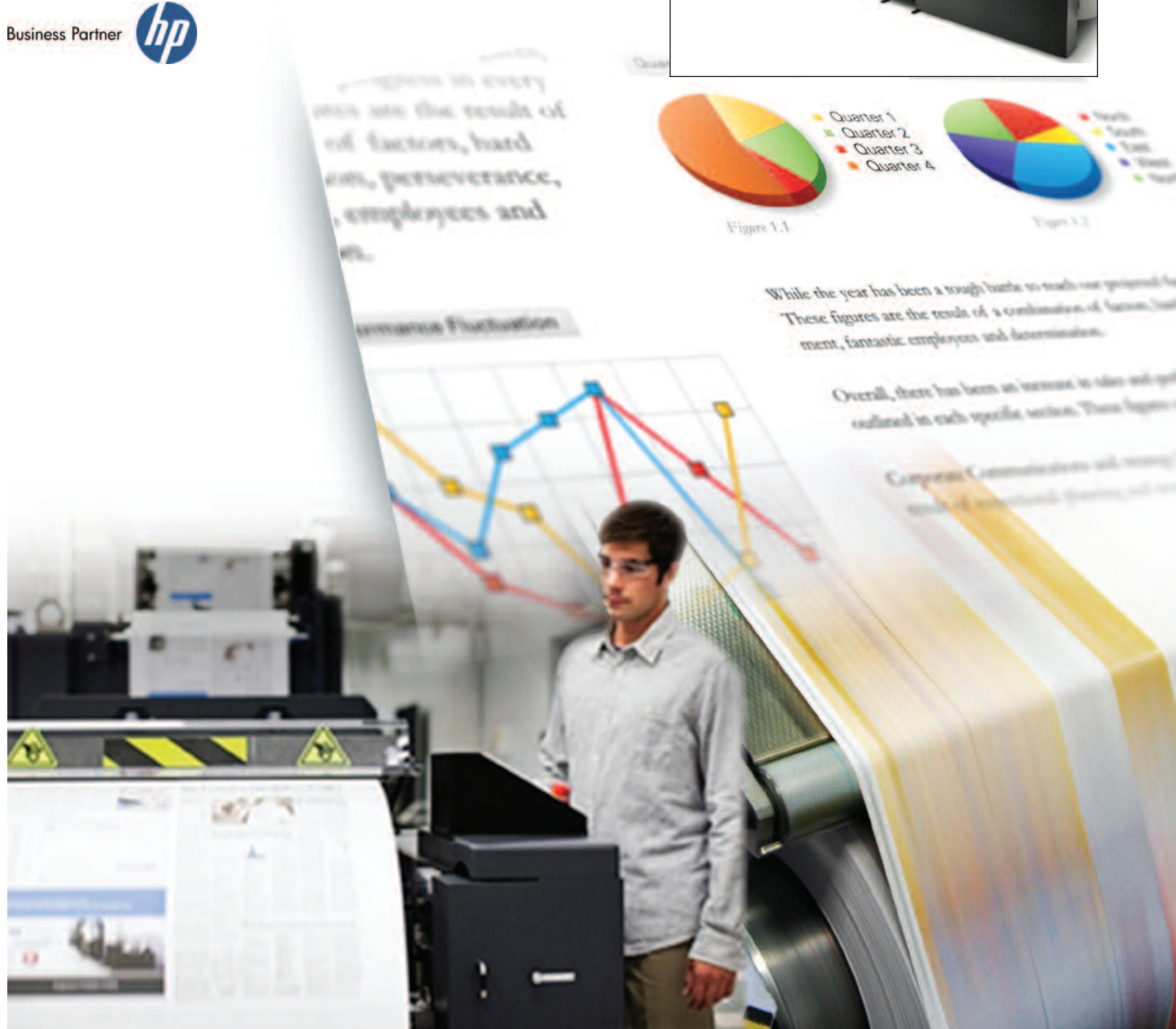




DocuVision® 8600 T3

Web Inspection System for the HP T300 & T350 Color Inkjet Web Press



The **Videk DocuVision 8600 T3** is a real-time variable content verification and data management system for HP's T300 & T350 Color Inkjet Web Presses. Powered by Videk's DocuVision® platform, the **DocuVision 8600 T3** combines a high-resolution vision system, powerful image analysis software, robust data management utilities, and an easy to use operator interface - all in a modular, purpose-built solution.



Features:

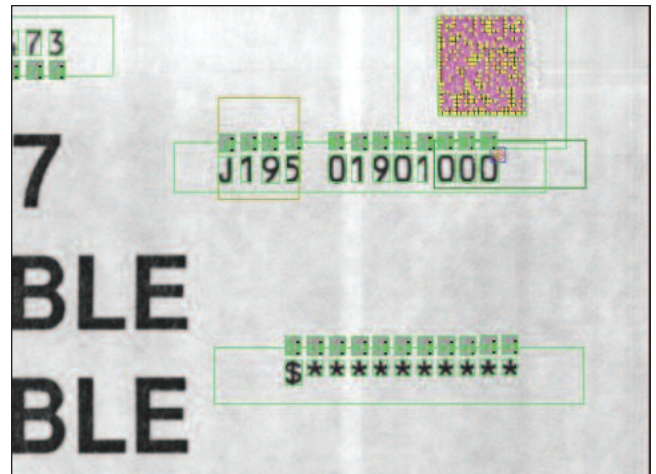
- **A fully integrated production integrity assurance system**, built specifically for interoperability with the T300 & T350 Inkjet Web Presses
- **Full 30" web width scanning**, supporting 3-up A-size applications
- **Automated variable content verification**, of every image to assure accuracy, security and process-ability
- **Intuitive web viewing tools** - operator interface provides detailed full-page document view-ability with image pausing, pan and zoom functions
- **Robust production reporting utility** enables piece-level accountability of variable information & increases digital workflow knowledge
- **Informative, highly visible error alerts**, including alarm light illumination and on-screen operator notifications

Real-time Content Verification for today's and tomorrow's data-driven digital applications

The **DocuVision 8600 T3** is optimized for print service providers with data-driven Direct Marketing, High-Volume Transactional, TransPromo and Commercial applications who need to ensure the accuracy, security and quality of every image – all while managing accountability of variable information. Users are empowered with an extensive suite of variable content inspection utilities including:

- 1D, 2D and Postal barcode reading, and quality verification
- OCR reading and quality grading, including MICR
- Front-to-back matching
- Presence or absence detection for artifacts such as logos
- Missing or duplicate image detection and tracking

Error detection thresholds are fully user-defined, enabling the **DocuVision 8600 T3** to be configured to most effectively monitor your mission-critical criteria and help manage conditions appropriately – whether that means alerting an operator, or communicating with enterprise ADF systems to enhance intelligent production processes.



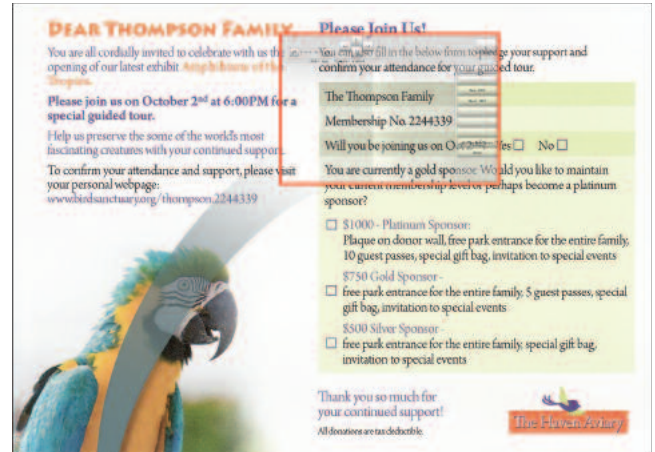
Read virtually any data carrier to verify content, collect information or enable applications such as front-to-back matching.



Streaming Video Feed of the Web

The **DocuVision 8600 T3** helps overcome the barriers to production monitoring faced by operators in today's high-speed, roll-to-roll production environments. Providing a live video feed of the web, and tools to enable detailed visual inspection of individual images on-the-fly, operators have a real-time digital view of their jobs as they are being printed. Capabilities include:

- Virtual “pausing” of the web to view individual images
- Full page viewing – across the entire web, simplex and duplex
- Zoom-in and Zoom-out for detailed visual inspection

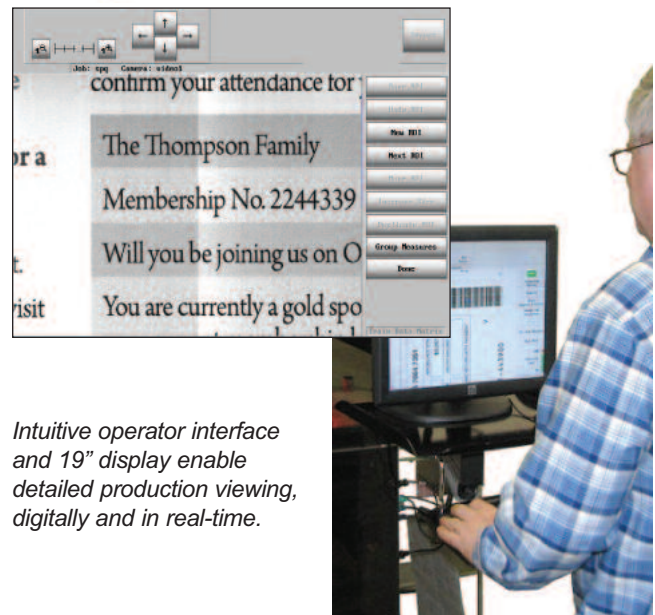


Original Image

Data for Smarter Digital Workflows

When combined with Videk's RECON Manager data collection and reporting utility, the **DocuVision 8600 T3** can collect information such as barcode data, image sequencing, and defect logs for detailed production reporting. All of which can then be accessed locally, via a network, or fed into enterprise ADF platforms for enhanced operational intelligence. Common applications include:

- Tracking of missing or duplicate images – streamlining re-print processes and ensuring job integrity
- Variable data integrity assurance for one-to-one messaging applications
- Proof of work reporting – validating all intended output was produced



Intuitive operator interface and 19" display enable detailed production viewing, digitally and in real-time.

Empowering Superior Customer Service and a Competitive Edge – With Benefits to Your Bottom Line

The **DocuVision 8600 T3** enables capitalizing on the breakthrough communication capabilities of your HP Inkjet Web Press while assuring variable data accuracy and security, tracking critical production information and assuring zero-defect quality – leading to superior customer service and a competitive edge for your business.

- Reduce waste and operate “greener” through immediate detection and responsive action to production errors – saving paper, ink and production time.
- Ensure the security of personal information on each and every printed image
- Assure all work sent to finishing can be processed accurately and efficiently

Technical Specifications:

Automated Inspection Capabilities				
2D Bar Codes		Linear Bar Codes		
Code Types	Data Matrix ECC200	Code Types	Code 25 (Interleaved or Non-Interleaved 2 of 5)	
Minimum Cell Size	0.017 inches square (0.43mm square)		Code 39	
Resulting Minimum Matrix Sizes	8 x 8: 0.17 inches square / 4.3mm square 10 x 10: 0.20 inches square / 5.1mm square 12 x 12: 0.24 inches square / 6.1mm square 16 x 16: 0.31 inches square / 7.9mm square		Code 128	
			UPCA	
			EAN8	
			EAN13	
Quality Measurement	Score based on contrast, squareness and number of errors corrected during decoding.	Minimum Element Width	0.013 Inches / 0.33mm	
		Quality Measurement	Score based on percentage of barcode decodable	
Postal Codes		OCR		
Code Types	POSTNET PLANET Intelligent Mail Barcode (IMB), UPU ID Tag Australia Post	Minimum Font Size	Printed at 300 dpi: 0.12 inches / 3.05mm (typically 6pt)	
			Printed at 600 dpi: 0.11 inches / 2.8mm (typically 8pt)	
IMB Quality Measurement	Bar height, width, spacing Clear zone Check digit	Quality Measurement	Score based on similarity of character to pre-trained sample.	
Print Registration	Sequence Checking	Presence / Absence	OMR Reading	Conditional Inspection
Orientation: Vertical and/or Horizontal Accuracy: 0.004 inches (.01mm) Reference: Any pre-printed mark, character, graphic or web edge	Track sequential information and identify breaks in sequences	Determine presence or absence of text, logos or graphics	Reads standard OMR codes	Variable inspections based on page-type or content, within a continuous variable layout print stream
Operator Interface Station				
User Controls	Capabilities			
Mouse	Menu-driven system navigation			
Keyboard	Full-page image viewing			
19" Monitor	Pan and Zoom viewing functions Freeze frame image display			
System Performance				
Paper Speed		Power Requirements		
Maximum Speed	600 feet / minute (183 meters / minute)	North American Model	110-120VAC, 50/60 Hz, 10 Amps	
		International Model	220VAC, 50/60 Hz, 5 Amps	
Scan Width	30 inches (762 mm)	Environmental		
System Outputs	Printer Interface Communications Outputs	Operating Temperature	40 to 95 Degrees F (4 to 35 Degrees C)	
	Type I, 4710 RS-232 Serial Output Videk Real Time Connectivity Architecture (RTCA) via 10/100BaseT Ethernet	Humidity	30 to 90 percent RH	
		Agency Certifications		
		North American Model:	Safety: UL/CSA, EMC: FCC	
		International Model:	Safety & EMC: CE	

To learn more, visit www.videk.com/8600T

