

Videk DocuVision® Edge Document Integrity System for Océ VarioPrint i-series Presses



Intelligent quality control, check after check.

Your customer's check runs demand perfection. Each page you deliver needs to present personal data in a complete, correct way – including on-brand color. DocuVision® Edge systems replace manual, time-consuming human inspection processes with powerful, productivity-driving automation so you can meet each of your SLAs with confidence.

Ensure piece-level accountability on every run



CHECK INTEGRITY

Guarantee secure, accurate output on each check run. Robust in-line inspection and verification tools analyze each page to:

- Detect duplicate or missing checks across a run and validate each MICR line
- Generate sharable end-of-job reports that document errors and job details

DOCUMENT INTEGRITY

Enhance compliance on each run. Meet regulatory requirements and ensure personal information stays protected:

- Inspect each printed page with contact image sensor(s)
- Ensure all pieces are accounted for with document tracking
- Verify legacy pre-printed shells

BRAND INTEGRITY

Deliver on-brand color, on-time. Compare each printed color to a pre-defined, ideal "Golden Image" to ensure brand integrity is maintained:

- Support the outstanding print quality of the i-series Press
- Confirm the color correctness of each client logo

If an error is detected, the DocuVision Edge system initiates a printer stop

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Specifications



Scan Mode

- Simplex (either face-up or face-down can be selected at installation)
- Duplex

Image Resolution

- Cross Process Direction: 300 dpi
- Process Direction: 300 dpi

Viewing Area

- Cross-Process Direction: 13.8"
- Page Length: Up to 20"

Printer Speed*

- Max Speed: Up to 256 fpm

Front / Back Matching (Duplex Only)

- Personal data integrity
- Registration integrity

Color Monitoring

- Validate / assure brand color

2D Bar Code (Data Matrix) Capabilities

- Code Types: DataMatrix ECC200, QR Versions 1 - 4
- Minimum Cell Size: 0.014 inches square
- Quality Measurement: Score based on contrast, squareness and number of errors corrected during decoding

1D Bar Code Capabilities

- Code Types: Code 25 (Interleaved or Non-Interleaved 2 of 5), Code 39, Code 128, UPCA, EAN8, EAN13
- Minimum Element Width (Smallest bar or space width): 0.014 Inches
- Quality Measurement: Quality score based on percentage of barcode which is decodable

Postal Code Capabilities

- Readable Code Types:
 - USPS: Intelligent Mail Barcode (IMB), UPU ID Tag; Australia Post
- IMB Quality Measurements: Bar height, bar width, bar spacing, clear zone and check digit

OCR Capabilities

- Capable of reading 6pt OCRb, other fonts must be lab-evaluated to determine minimum size
- Quality Measurement: Quality score based on similarity of character to pre-trained sample

Print Registration

- Orientation: Vertical and/or Horizontal
- Accuracy: 0.007 inches
- Reference: Any pre-printed mark, character, graphic or sheet edge

System Outputs

- Integrated Camera Mounting Unit (ICMU) requires version 2.3 or later
- Printer Interfaces: Copy Control Interface (CCI), requires latest printer firmware
- Communications Outputs:
 - RS-232 Serial Output or UDP via Gigabit Ethernet
 - Videk Real Time Connectivity Architecture (RTCA) via Gigabit Ethernet

Power Requirements

- 120 VAC, 10A, or 220VAC, 5A

Environmental Requirements

- Operating Temperature: 40 to 95 Degrees F (4 to 35 Degrees C)
- Humidity: 30 to 70 percent RH

Physical Size

- Vision components are enclosed within the Canon-supplied Integrated Camera Mounting Unit (ICMU); adds 12" to printer length
- Electronics Cabinet (Vision Caddie, shown below) requires 2' x 2' square on the backside of the printer



*Imaging speed captures images at all printer speeds.

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