

Verify on the fly for exceptional color output.

You can't afford a mistake when it comes to your customer's printed documents. Each page you deliver needs to present the right information in the right way. DocuVision® Pro Web Inspection Systems replace time-consuming human assessments of page content and quality with powerful automation, ensuring you can meet each job's SLAs with confidence.

Enhanced quality control with serious operational advantages:



PRODUCTIVITY

More uptime per job. Automate the detection of any out-of-spec condition so production can resume quickly.



WASTE REDUCTION

Identify errors quickly. Take immediate action to reduce both downtime and paper waste.



DATA SECURITY

Protect critical data. Monitor and track page content and barcodes to ensure 100% accurate delivery on every job.

Ultimate in-line production flexibility:

- Web widths up to 42", 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 imaging drums.
- Supports an imaging option (field upgradable) to validate location and quality of variable perforations.

High-resolution color cameras inspect critical customer output

Specifications

20, 30, and 42 Standalone Web Transports with High-Resolution Color Cameras

Typical web speed of 500 feet per minute:¹

| | DVPro-20 | DVPro-30 | DVPro-42 |
|---|-----------------------|-----------------------|----------------------------|
| Paper and Image Width | Up to 22" | Up to 31" | Up to 42" |
| Image Resolution² | 390 dpi | 260 dpi | 190 dpi |
| 2D Bar Code Min. Cell Size | .010 inch | .015 inch | .021 inch |
| 1D Bar Code Min. Element Size | .010 inch | .015 inch | .021 inch |
| Void Detection³ (Jet-Out) | Single jet at 600 dpi | Single jet at 600 dpi | 2 adjacent jets at 600 dpi |
| Print Registration (Determined by resolution) | .005 inch | .008 inch | .011 inch |
| Dimensions (H x W x D)⁴ | 75 x 34 x 34 inches | 75 x 34 x 45 inches | 75 x 34 x 57 inches |

Top of Form (TOF) Mark Requirements

- Minimum Width (cross process direction): 0.300 inches
- Minimum Length (process direction): 0.125 inches
- Printed on every page
- Consistent web location for all print jobs (top vs. bottom, operator side vs. non-operator side)
- No other similar sized markings can be located in the same column

Postal Code Capabilities

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

OCR Capabilities

- Minimum font size: 6 pt.
- Font Styles: OCRA and OCRB recommended. Reading reliability of other fonts will depend on font size and style characteristics.
- Quality Score: Based on similarity of character to pre-trained sample.

Color Consistency

- Detectable Variability approximates Delta E standards
- Based on pre-trained samples, CMYK or "pinned" color swatches

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

Printer Compatibility

- Canon: Océ ColorStream® Series, Océ JetStream® Series, Océ ImageStream® Series
- Hewlett Packard: HP PageWide Web Press T400, T300, T200 HD Color series
- Pitney Bowes IntelliJet® 20, 30, 40 HD printing systems; AcceleJet® Pro
- Ricoh VC60000®, VC40000®, IP5000 Series Continuous Feed Inkjet Printers
- Screen Truepress Jet520 Series Presses

System Outputs

- Printer Interfaces: Type I, other
- Communications Outputs: Serial, RS-232 Ethernet, UDP via 10/100BaseT Videk Real Time Connectivity Architecture (RTCA) via 10/100BaseT Ethernet

Certifications

- Major components are RoHS, UL and/or CE approved
- US Patents: 6,678,067, 6,473,524, 5,204,914 and 5,159,644

Perforation Inspection (optional)

- Static or recipe driven inspection
- Micro-Perf Detection capabilities (Resolution dependent)
- Alerts operator if perforation is not found, or inadequate



¹ Can support up to 1,000 feet per minute, depending on printer, media, and required resolution.

² Dependent on maximum site paper width. Table shows resolution values at full web width.

³ Many features affect jet-outs, such as substrate, inks and camera resolution. Requires Prime Page® or an approved test pattern.

⁴ Allow 2 feet of service area space on each side of the Standalone Web Transport. Requires sufficient pull force.