Videk Digital Eyes™ Inline Quality Control for Ricoh Pro VC70000, VC60000 and VC40000 Presses

DigitalEyes™
by Videk, Inc.

Elevate your high-speed color inkjet productivity.

Achieve maximum quality at rated speed with Videk Digital Eyes. Exclusively for new or existing Ricoh Pro VC Presses, this inline solution allows operators to assess quality during printing, ensuring you deliver premium inkjet output on all media, every time! It's easy to use and affordable to install.

Videk Digital Eyes
The ultimate operator tool

LIVE WEB VIEW

Guarantee full-speed production.

With Live Web View, there is no need to stop or slow the press for quality checks:

- See every printed page in real time without impacting production
- Examine live images! Pan, zoom and scroll both sides of the printed page

DIGITAL PROOFS

Access accurate record of printed work in real time.

Visual history captures images minute-by-minute during a run:

- Provides operator access to previously printed work
- Supports emerging compliance and audit standards, so customers have a competitive advantage

JET MONITORING

Automate print quality inspection.

High resolution cameras identify quality events:

- Finds single jet out conditions
- Alerts operator with status light

OPTIONAL UPGRADE

Eliminate printer downtime to impact your bottom line

Specifications

System Description

- Duplex, full-color operation
- High-resolution Contact Image Sensors (CIS) installed in each print engine
- Vision Caddie (shown right) contains hardware and electronics attached via 7m standard camera cables
  - 3 optional locations at printer
  - 16 x 26 x 16 inch footprint
  - Monitor with user interface mounted on 72 inch pole
- Single monitor enables view of both engines at the same time
- Power requirements: 120VAC, 10A or 220VAC, 5A
- Paper and image width: 20.5 inches

Easy, Intuitive Operator Interface for Web Viewing

- Touch screen user interface with pinch-to-zoom
- Integrated Quick-Touch Help System
- Visual warning messaging to empower operators
- Image viewing: Pan, Zoom and Scroll both sides of web from one monitor

Digital Proofs

- Every 1/50th image of the print run is stored; with upgrade to Jet Monitoring, every 1/500th image of the print run is stored
- Last Videk Prime Page is stored at 300 x 247 dpi, if used
- Images will be saved locally to a folder in the Digital Eyes Controller
- Images are retained for 24 hours; system will automatically delete images older than 24 hours

Jet Monitoring OPTIONAL UPGRADE

- Detects up to a single missing jet, media dependent
- Method: Videk Prime Page Jet Out Bars
- Error Alerts:
  - Operator message to the screen detailing inspection error(s)
  - Tri-color pole light status indicator: Amber light illuminated when error detected

"As a commercial printer, we were looking to quickly transfer to digital. Integrated quality control was a must. Videk's vision system helps us achieve both higher quality and productivity. Keeping our new press up and running is one of our highest priorities and it has truly allowed us to maximize our printer investment."

Position Your Company for the Next Step

Easy upgrade path to Videk's full-featured DocuVision® Pro

- 100% inspection of every image at web speeds up to 650 feet per minute
- Indispensable when quality and accuracy are mission-critical to success
- Reduce costly waste, track critical data and assure zero-defect quality

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