

High-Speed Transport Exceeds Anything on the Market

PAGESCAN III . . .

*The New Full-Page
Image Scanner
Combines
High Speed
and
Sharper Images
in 8-Bit Grayscale*



**TRANSMIT AND RECEIVE DATA VIA A SERIAL USB INTERFACE ...
SCAN DOCUMENTS AT 17 IPS@200 DPI**

The New PAGESCAN III from PDI is the high-speed scanner that gives you super fast transmission of data and converts pixel data to 8-bit grayscale for sharper, more precise images. This state-of-the-art micro-controlled document scanner automatically transports and scans forms forward or reverse (bi-directionally) from a full-page size (A4) down to forms only 3.25" wide by 3.00" long. PAGESCAN III scans forms on a line-by-line basis (1728 image-pixels per line), converts the pixel data to 8-bit grayscale or 256 tones of gray and then transmits the data via a standard USB 1.1 or 2.0 interface. PAGESCAN III is ideal for lottery as well as a variety of applications and can capture and decode optical mark-sense (OMR) data as well as OCR and bar code data.

CHECK OUT THESE OUTSTANDING FEATURES:

- Mechanism is modular and designed to fit as an OEM subassembly into most terminal enclosures
- Bi-directional transport permits straight through or reciprocating operation...with ability to audit information that has been printed utilizing a high-density thermal brander
- Transmits images in 8-bit grayscale for increased OCR/BCR decoding accuracy
- Provides enhanced images by minimizing sensitivity to creases and folds resulting in superior images, unparalleled archival data and higher accuracy of decoded data
- Light weight ... scanner mechanism (including PCA) weighs approximately 4 lbs
- Designed with increased form clearance to handle a wide range of paper sizes and to minimize paper jams
- Equipped with hinged, spring-loaded top plate to make paper path easily accessible
- Enhanced electronics reduce degradation and sensitivity to external lighting
- Scan head self-test diagnostic

FOR THE FULL STORY ON THE ULTIMATE IMAGE SCANNER, CONTACT US TODAY.



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PAGESCAN III

The Fast Full-Page Image Scanner with USB Interface

GENERAL SPECIFICATIONS

DC POWER REQUIREMENTS

- +5 VDC ±5% @ 0.6 A
- +24 VDC ±5% @ 1.2A (motor running), 2.4 A (surge)

WEIGHT

The total weight of the scanner, including mechanism and PC assemblies, is approximately 4 lbs.

DATA DETECTION

Scan head is a linear photodiode sensor array containing 1728 pixels at 8 dpm (200 dpi). Scanning is reflective with advanced light sources (wavelength 660nm) for shadow-free illumination.

DOCUMENT SPEED/TRANSPORT TIME

- Transport scanning speed = 17 ips (minimum) @ 200 dpi
- Transport speed (printing/branding) = 1.1 ips @ 180 lines/inch
2.2 ips @ 90 lines/inch

Note : Transport speed can be reduced (under external command) for form ejection.

Typical transaction (transport) time:

- For 8-inch long selection slip = 0.5 seconds (200 dpi).
- For 11-inch long full-page = 0.7 seconds (200 dpi).

IMAGE DATA

- Bitmap image data format is command selectable as either:
 - 8-bit grayscale data (1 pixel per 8-bit data byte)
 - Bitonal (B/W) data (8 pixels per data byte)

TEMPERATURE

- Operating: 0°C to + 50°C
- Storage: 25°C to + 60°C

HUMIDITY

- Operating: 10 to 85% RH non-condensing
- Storage: 5 to 95% RH non-condensing

APPLICATIONS

ENGINEERING ASSISTANCE

If you have specific requirements, call and challenge us. We make custom solutions our business.

RELATED PDI EQUIPMENT

- *Batch Feed Image Scanners*
- *Dual-Sided Check & Document Scanners*
- *Full-Page Image Scanners*
- *Multi-Function Image Capture Scanners*
- *Optical Mark Sense Readers & Reader/Printers*
- *Magnetic Stripe/Smart Card Readers*
- *Custom Scanners for Lottery, Race Tracks, etc.*
- *Customized Form Design & Printing*
- *Casino Blackjack Scanners*
- *Special Purpose Impact Printers*



Peripheral Dynamics Inc.
SCANNING NEW HORIZONS IN DATA ENTRY

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Printed in USA