Peripheral Dynamics Inc.

5150 Campus Drive
Plymouth Meeting, PA 19462-1123
Toll-Free: 800-523-0253
Phone: 610-825-7090 Fax: 610-834-7708
Email: sales@pdiscan.com Internet: www.pdiscan.com
High-Speed Transport Exceeds Anything on the Market!

The New Fourth-Generation Full-Page Image Scanner from PDI, Combining Durability, High Speed and Superior Image Quality in an Open-Frame Mechanism for OEM Applications

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

The rugged and reliable PAGESCAN IV is ideal for demanding environments scanning documents at 17 IPS @ 200 DPI. This long-life scanner produces your choice of bitonal or 8-bit grayscale images. PAGESCAN IV is available in both simplex and duplex versions to suit your specific application and offers bi-directional document transport allowing straight-through or reciprocating (return to user) operation. PAGESCAN IV scans forms from a full-page legal size (8-1/2” x 14”) down to forms 3.25” wide x 3.25” long. The industrial strength PAGESCAN IV captures images, decodes Bar Codes (BCR), Optical Characters (OCR) & Optical Marks (OMR) on Gaming Forms for Lottery, Keno, Bingo, and Racetrack Bet Slips. Other applications include Election Ballots, Medical Records, Time Cards, Maintenance Logs, Invoices, and much, much more.

Check these outstanding features:

• Extreme flexibility – Send full images to the host for processing or process the image data on-board the scanner and send only the decoded results, reducing resources needed on the host processor.

• Advanced optic system design provides the highest quality image available in the market by minimizing sensitivity to creases and folds in a document. This results in unparalleled archival data and higher accuracy of decoded data.

• Mechanism is modular and designed to fit as an OEM subassembly into most terminal enclosures.

• Designed with increased form clearance to handle a wide range of paper sizes and to minimize paper jams.

• Selectable bitonal or 8-bit grayscale scanning.

• Standard USB 2.0 high speed interface, backward compatible with USB 1.1 full speed.

• Bi-directional transport permits straight through transport for rear-binning or reciprocating operation.

• Increased form clearance to handle a wide range of paper sizes and to minimize paper jams.

• Equipped with hinge mounted transport path for easy access for cleaning and jam clearing.

• Software available for OCR, OMR, bar code and image capture applications.

• The image scanner that combines durability with high speed.

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

DC POWER REQUIREMENTS
Simplex or Duplex:
+24 VDC ± 5% @ 30W

SIMPLEX THERMAL PRINTER OPTION
Additional +24 VDC ± 5% @ 30W

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

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
- RFID Reader/Writeers
- Card Dispensers
- Ticket Issuing Machines
- Color ID Card Printers
- Scanning Software & Developer’s Tool Kits
PAGESCAN IV SCANNER

New Fourth-Generation Full-Page Image Scanner from PDI, Combining Durability, High Speed and Superior Image Quality in a Stand-Alone Table-Top Version!

Now Available - Full Color Scanning Option at up to 600 DPI

PAGESCAN IV... the fourth generation image capture scanner is now available as a stand-alone unit in an attractive case. The rugged and reliable PAGESCAN IV is ideal for demanding environments scanning documents at 17 IPS @ 200 DPI or 1 IPS @ Full Color 600 DPI. This long-life scanner, housed in a compact, durable polycarbonate plastic case, produces your choice of bitonal, 8-bit grayscale or full color at up to 600 dpi images. PAGESCAN IV is available in both simplex and duplex versions to suit your specific application and offers bi-directional document transport allowing straight-through or reciprocating (return to user) operation.

PAGESCAN IV scans forms from up to a maximum of 8-1/2” x 22” down to forms 3.25” wide x 3.25” long. The industrial strength PAGESCAN IV captures images, decodes Bar Codes (BCR), Optical Characters (OCR) & Optical Marks (OMR) on Gaming Forms for Lottery, Keno, Bingo, and Racetrack Bet Slips. Other applications include Election Ballots, Medical Records, Time Cards, Maintenance Logs, Invoices, Tests, and much, much more.

Check these outstanding features:
- Extreme flexibility – Send full images to the host for processing or process the image data onboard the scanner and send only the decoded results, reducing resources needed on the host processor.
- Attractive, compact, yet rugged scanner gives you trouble-free operation for a variety of applications.
- Reliable advanced optic design provides the highest quality image available by minimizing sensitivity to creases and folds in a document. This results in clearer images and more accurate data for OCR, OMR, and bar code applications.
- Selectable bitonal, 8-bit grayscale or optional full color at up to 600 dpi scanning.
- Standard USB 1.1 or 2.0 interface.
- Bi-directional transport permits straight through transport for rear-binning or return to user.
- Increased form clearance to handle a wide range of paper sizes and to minimize paper jams.
- Software available for OCR, OMR, bar code and image capture applications.
- The image scanner that combines durability with high speed.

FOR MORE INFO ON THE PAGESCAN IV TABLETOP SCANNER, CONTACT US TODAY.

Peripheral Dynamics Inc.
SCANNING NEW HORIZONS IN DATA ENTRY
**GENERAL SPECIFICATIONS**

### DC POWER REQUIREMENTS
- Simplex: 18W (max)
- Duplex: 24W (max)
- All versions operate from a single supply +24 VDC +/- 5%

### SIMPLEX THERMAL PRINTER OPTION
- Additional +24 VDC @ 32W (max)

### WEIGHT
- The total weight of the scanner is approximately 5.2 lbs.

### DATA DETECTION
- Scanning head is constructed with a linear photodiode sensor array and an advanced light source design that provides shadow-free illumination.
  - Monochrome version: 660nm red at resolutions up to 200 dpi (8 dpm).
  - Color version: RGB color at resolutions up to 600 dpi (24 dpm).

### DOCUMENT SPEED
- Maximum document transport speed:
  - 17 ips for monochrome scanning at all resolutions up to 200 dpi.
  - 3.3 ips for RGB color scanning at 200 dpi. Lower speed at higher resolutions.

### OUTPUT DATA FORMATS
- Monochrome version: 8-bit grayscale; bitonal (B/W) bitmap; Decoded row-column OMR; Decoded Bar Code.
- Color version: RGB Color 24-bit bitmap.

### THERMAL PRINTER OPTION
- Print Width: 18 mm
- Dot Pitch: 7.1 mm

### 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

### INTERFACE
- USB 2.0 High Speed
- USB 1.1 Full Speed

### REGULATORY CERTIFICATIONS
- FCC Part 15, Subpart B, Class B
- Industry Canada, ICES-003

---

**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
- RFID Reader/ Writers
- Card Dispensers
- Ticket Issuing Machines
- Color ID Card Printers
- Scanning Software & Developer’s Tool Kits

---

**Peripheral Dynamics Inc.**
SCANNING NEW HORIZONS IN DATA ENTRY

5150 Campus Drive • Plymouth Meeting, PA 19462-1123 • USA
Tel: 610-825-7090 • 1-800-523-0253 • Fax: 610-834-7708
E-mail: sales@pdiscan.com • Internet: www.pdiscan.com

Printed in USA
The New Half-Page Image Scanner that Lets You Scan Both Sides of a Form Simultaneously at a Fast 22 ips!

SCAN FORMS FROM A HALF-PAGE SIZE (A6) DOWN TO 2.75 INCH-WIDE FORMS IN 8-BIT GRAYSCALE OR BITONAL

It’s here....the New EZscan III from PDI...the high-speed half-page scanner that provides the highest quality image available on the market. EZscan III is ideal for a variety of applications including processing lottery, wagering and test score forms as well as scanning bank checks and business forms.

EZscan III automatically transports and scans forms from A6-size down to 2.75 inch-wide personal checks...and its bi-directional transport permits straight through or reciprocating operation. EZscan III interfaces to its host via a high-speed USB 2.0 serial port and can scan both sides of a form simultaneously. The scanner’s hardware and software automates form design, expedites form handling and simplifies data decoding.

The scanner captures document images at 8 dpm, dots per millimeter, (approximately 200 dpi) and scans forms on a line-by-line basis at 22 ips. Image data is available in 8-bit grayscale or bitonal (b/w) formats. Proprietary PC software interprets mark-sense (OMR), optical (OCR) and bar code (BCR) data. The mechanism is modular and designed to fit as an OEM subassembly into most terminal enclosures.

TAKE A LOOK AT THE MANY FEATURES OF EZscan III

- Bi-directional transport permits straight through or reciprocating operation....with ability to audit information that has been printed utilizing a high-density thermal brander
- Advanced optic system design provides the highest quality image available by minimizing sensitivity to creases and folds in documents. This results in unparalleled archival data and higher accuracy of decoded data
- Handles forms with widths ranging from 2.75” wide personal checks up to forms 4.25” W. x 11.00” L. or A6-size documents
- Contains document skew correction software
- Scans and transmits image data at 100 or 200 dpi (command selectable)
- Easy access straight through document path for cleaning and to minimize paper jams
- Optional internal thermal print head or inkjet print head available

FOR THE FULL SCOOP ON EZscan III, CONTACT US TODAY.
GENERAL SPECIFICATIONS

DC POWER REQUIREMENTS
+24 VDC ± 10% @ 32W

WITH THERMAL PRINTER OPTION
+24 VDC ± 10% @ 65W

WEIGHT
The total weight of the scanner, including mechanism and PC assemblies, is approximately 3 lbs.

DATA DETECTION / SCAN HEAD
Scan head array contains 896 pixels at 8 dpm (200 dpi). Scanning is reflective with advanced light sources (wavelength 660 or 575nm) for shadow-free illumination.

DOCUMENT SPEED/TRANSPORT TIME
Transport scanning speed: 22 in/sec
Transport speed (inkjet strip, printing): 22 in/sec
(thermal printing): 1.0 in/sec (minimum)

IMAGE DATA
Image data format is command selectable as either:
8-bit grayscale data (1 pixel per 8-bit data byte) or
Bitonal (b/w) data (8 pixels per data byte)

TEMPERATURE
Operating: +5°C to + 45°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
- RFID Reader/ Writers
- Card Dispensers
- Ticket Issuing Machines
- Color ID Card Printers
- Scanning Software & Developer’s Tool Kits
Now you can get the same high-speed EZscan III half-page image scanner that was previously available only as a mechanism in a stand-alone unit housed in a durable yet compact polycarbonate plastic case to withstand stringent environments and demanding locations. The command controlled bi-directional transport of the new EZscan III permits straight-through or reciprocating operation to make it more suitable for your particular application. The compact, low-profile EZscan III provides high-quality images at a scan speed of 22 IPS and scans from a half-page size (4.25” in width) down to 2.75” wide with 8-bit grayscale or bitonal image data output.

EZscan III is available in both simplex and duplex versions. Also available as options are EZscan units with built-in printer/endorser, (choose between ink jet and thermal) or external dot matrix printer and magnetic or optical MICR reader for check scanning applications.

**Check out these features of EZscan III:**

- Reciprocating mechanism, with command controlled transport direction allows you to choose the right operating mode for your specific use ... front feed with rear ejection or front feed with front ejection
- Scan speed of 22 IPS @ 200 dpi (8 dpm)
- Selectable scan resolutions of 100 or 200 dpi (command selectable)
- Interfaces to host via a high-speed USB 2.0 serial port
- Can scan both sides of a form simultaneously (available as an option)
- Selectable 8-bit grayscale and bitonal scanning
- Contains document skew correction software
- Advanced optic system design provides highest quality image available by minimizing sensitivity to creases and folds in documents
- Handles forms with widths ranging from 2.75” W. to forms 4.25” W. x 11.00” L.
- High reliability, low-maintenance design reduces paper jams and makes them easy to clear if they do occur
- Software available for OCR, OMR, bar code, MICR and document capture applications

FOR MORE INFO ON THE EZscan III TABLETOP SCANNER, CONTACT US TODAY.

5150 Campus Drive • Plymouth Meeting, PA 19462-1123 • USA
Tel: 610-825-7090 • 1-800-523-0253 • Fax: 610-834-7708
E-mail: sales@pdiscan.com • Internet: www.pdiscan.com
GENERAL SPECIFICATIONS

DC POWER REQUIREMENTS

+24 VDC ± 10% @ 32W

WITH THERMAL PRINTER OPTION

+24 VDC ± 10% @ 65W

WEIGHT

The total weight of the scanner is approximately 4.5 lbs.

DATA DETECTION / SCAN HEAD

Scan head array contains 896 pixels at 8 dpm (200 dpi). Scanning is reflective with solid-state light sources (wavelength 660 or 575nm) for shadow-free illumination.

DOCUMENT SPEED/TRANSPORT TIME

Transport scanning speed: 22 in/sec
Transport speed (inkjet strip, printing): 22 in/sec
(thermal printing): 1.0 in/sec (minimum)

IMAGE DATA

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

TEMPERATURE

Operating: +5°C to +45°C
Storage: -25°C to +60°C

Note: With inkjet option, operating temperature is +10°C to +40°C

HUMIDITY

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

COMPLIANCE

FCC Part 15, Subpart B, Class A compliant

APPLICATIONS

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
- RFID Reader/ Writers
- Card Dispensers
- Ticket Issuing Machines
- Color ID Card Printers
- Scanning Software & Developer’s Tool Kits

Peripheral Dynamics Inc.

Scanning New Horizons in Data Entry

Peripheral Dynamics Inc.

5150 Campus Drive • Plymouth Meeting, PA 19462-1123 • USA
Tel: 610-825-7090 • 1-800-523-0253 • Fax: 610-834-7708
E-mail: sales@pdiscan.com • Internet: www.pdiscan.com

Printed in USA
Quality Images that Give **YOU** the Competitive Edge!

**UltraScan**

**The New 3.25” Image Scanner that**
**Lets you Scan your OMR cards**
**And Much More at a Fast 19 IPS**
**At 300 DPI!**

**OMR & OCR**
**1D & 2D BARCODES**
**IMAGE CAPTURE**
**THERMAL PRINTING**

The new UltraScan from PDI is the latest addition to our very successful line of document image scanners. This high-speed 3.25” document scanner provides the highest quality images available in the industry. UltraScan can be used as a replacement for our tried and true VMR-138 OMR and will also provide the additional ability to decode OCR, Bar Codes and capture full or partial images with optional Thermal Printing. UltraScan is designed to meet the stringent requirements of the OEM terminal manufacturer. UltraScan can handle all your applications - including processing Lottery, Bingo, Keno, Parimutuel, Test Scoring, Prescriptions, Parking, Healthcare, Surveys, Business forms and more.

UltraScan automatically transports and scans 3.25” wide forms and its bi-directional transport permits straight through or reciprocating operation. UltraScan interfaces to its host via a high-speed USB 2.0. The scanner's hardware and software automates form design, expedites form handling and simplifies data decoding. UltraScan allows the user to choose the mode of operation. The user can decode the data in the unit and send just a small decoded string of data thereby reducing the overhead on the terminal or have the full or partial image sent to the terminal for decoding and any other post processing as required by your application.

The scanner captures document images at 300 dpi (11.81 dpm) and scans forms on a line-by-line basis at 19 in/sec. Image data is available in 8-bit grayscale or bitonal (b/w) formats. PDI supplied Proprietary PC software or internal selectable code interprets optical mark-sense (OMR), optical character recognition (OCR) and bar code (BCR). The mechanism is modular and flips open easily for cleaning or the removal of foreign objects. UltraScan is designed with the smallest footprint available in a scanner of this class to allow easy integration in any OEM terminal enclosure.

**FOR THE FULL STORY ON UltraScan, CONTACT US TODAY.**
PRELIMINARY SPECIFICATIONS

DC POWER REQUIREMENTS
+24 VDC ±10% @ 18W

WITH THERMAL PRINTER OPTION
+24 VDC ±10% @ 32W

WEIGHT
The total weight of the scanner, including mechanism and PC assemblies, is approximately 2 lbs.

DATA DETECTION / SCAN HEAD
Scan head array contains 1056 pixels at 300 dpi (11.81 dpm). Scanning is monochrome Red LED light source

SCAN SPEED
Transport scanning speed: 18.9 in/sec

IMAGE DATA
Image data format is command selectable as either:
- 8-bit grayscale data (1 pixel per 8-bit data byte) or
- Bitonal (b/w) data (8 pixels per data byte)

TEMPERATURE
Operating: +5°C to + 45°C
Storage: -25°C to + 60°C

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

THERMAL PRINTING
48mm print line centered in paper path
8 dpm print resolution
Print speed at 8 dpm: 0.33 in/sec

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
- RFID Readers
- Card Dispensers
- Ticket Issuing Machines
- Scanning Software & Developer’s Tool Kits

Peripheral Dynamics Inc.
SCANNING NEW HORIZONS IN DATA ENTRY

5150 Campus Drive • Plymouth Meeting, PA 19462-1123 • USA
Tel: 610-825-7090 • 1-800-523-0253 • Fax: 610-834-7708
E-mail: sales@pdiscan.com • Internet: www.pdiscan.com

Printed in USA
The new UltraScan from PDI is the latest addition to our very successful line of document image scanners. This high-speed 3.25” document scanner provides the highest quality images available in the industry. UltraScan can be used as a replacement for our Tried and True VMR-138 OMR and will also provide the additional ability to decode OCR, Barcodes and capture full or partial images with optional Thermal Printing. UltraScan is designed to meet the stringent requirements of the OEM terminal manufacturer. UltraScan can handle all your applications - including processing Lottery, Bingo, Keno, Parimutuel, Test Scoring, Prescriptions, Parking, and Healthcare, Surveys, Business forms and more.

UltraScan automatically transports and scans 3.25” wide forms and its bi-directional transport permits straight through or reciprocating operation. UltraScan interfaces to its host via a high-speed USB 2.0. The scanner's hardware and software automates form design, expedites form handling and simplifies data decoding. UltraScan allows the user to choose the mode of operation. The user can decode the data in the unit and send just a small decoded string of data thereby reducing the overhead on the terminal or have the full or partial image sent to the terminal for decoding and any other post processing as required by your application.

The scanner captures document images at 300 dpi (11.81 dpm) and scans forms on a line-by-line basis at 19 IPS. Image data is available in 8-bit grayscale or bitonal (b/w) formats. PDI supplied Proprietary PC software or internal selectable code interprets optical mark-sense (OMR), optical character recognition (OCR) and bar code (BCR). The mechanism is modular and flips open easily for cleaning or the removal of foreign objects. UltraScan is designed with the smallest footprint available in a scanner of this class to allow easy integration in any OEM terminal enclosures.

FOR THE FULL STORY ON UltraScan, CONTACT US TODAY.
PRELIMINARY SPECIFICATIONS

**DC POWER REQUIREMENTS**

+24 VDC ±5% @ 1.8A (max., scanning)  
3.0A (max., for thermal printing option)

**WEIGHT**

The total weight of the scanner, including mechanism and PC assemblies, is approximately 2 lbs.

**DATA DETECTION / SCAN HEAD**

Scan head array contains 1056 pixels at 11.81 dpm (300dpi). Scanning is monochrome Red LED light source

**SCAN SPEED**

Transport scanning speed = 18.93 ips ±1%

**IMAGE DATA**

Image data format is command selectable as either:  
- 8-bit grayscale data (1 pixel per 8-bit data byte) or  
- Bitonal (b/w) data (8 pixels per data byte)

**TEMPERATURE**

| Operating: | +5°C to + 45°C  
| Storage: | -25°C to + 60°C  

**HUMIDITY**

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

**THERMAL PRINTING**

48mm print line centered in paper path  
8 dpm print resolution  
Print speed at 8 dpm: 0.5 in/sec

**APPLICATIONS**

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  
- RFID Reader/ Writers  
- Card Dispensers  
- Ticket Issuing Machines  
- Color ID Card Printers  
- Scanning Software & Developer’s Tool Kits
The New Half-Page Image Scanner that Lets You Scan Both Sides of a Form Simultaneously at a Fast 22 ips!

SCAN FORMS FROM A HALF-PAGE SIZE (A6) DOWN TO 2.75 INCH-WIDE FORMS IN 8-BIT GRAYSCALE OR BITONAL

It’s here....the New EZscan III from PDI...the high-speed half-page scanner that provides the highest quality image available on the market. EZscan III is ideal for a variety of applications including processing lottery, wagering and test score forms as well as scanning bank checks and business forms.

EZscan III automatically transports and scans forms from A6-size down to 2.75 inch-wide personal checks...and its bi-directional transport permits straight through or reciprocating operation. EZscan III interfaces to its host via a high-speed USB 2.0 serial port and can scan both sides of a form simultaneously. The scanner’s hardware and software automates form design, expedites form handling and simplifies data decoding.

The scanner captures document images at 8 dpm, dots per millimeter, (approximately 200 dpi) and scans forms on a line-by-line basis at 22 ips. Image data is available in 8-bit grayscale or bitonal (b/w) formats. Proprietary PC software interprets mark-sense (OMR), optical (OCR)and bar code (BCR) data. The mechanism is modular and designed to fit as an OEM subassembly into most terminal enclosures.

TAKE A LOOK AT THE MANY FEATURES OF EZscan III

- Bi-directional transport permits straight through or reciprocating operation....with ability to audit information that has been printed utilizing a high-density thermal brander
- Advanced optic system design provides the highest quality image available by minimizing sensitivity to creases and folds in documents. This results in unparalleled archival data and higher accuracy of decoded data
- Handles forms with widths ranging from 2.75" wide personal checks up to forms 4.25" W. x 11.00" L. or A6-size documents
- Contains document skew correction software
- Scans and transmits image data at 100 or 200 dpi (command selectable)
- Easy access straight through document path for cleaning and to minimize paper jams
- Optional internal thermal print head or inkjet print head available

FOR THE FULL SCOOP ON EZscan III, CONTACT US TODAY.
GENERAL SPECIFICATIONS

DC POWER REQUIREMENTS
+24 VDC ± 10% @ 32W

WITH THERMAL PRINTER OPTION
+24 VDC ± 10% @ 65W

WEIGHT
The total weight of the scanner, including mechanism and PC assemblies, is approximately 3 lbs.

DATA DETECTION / SCAN HEAD
Scan head array contains 896 pixels at 8 dpm (200 dpi). Scanning is reflective with advanced light sources (wavelength 660 or 575nm) for shadow-free illumination.

DOCUMENT SPEED/TRANSPORT TIME
Transport scanning speed: 22 in/sec
Transport speed (inkjet strip, printing): 22 in/sec
(thermal printing): 1.0 in/sec (minimum)

IMAGE DATA
Image data format is command selectable as either:
- 8-bit grayscale data (1 pixel per 8-bit data byte) or
- Bitonal (b/w) data (8 pixels per data byte)

TEMPERATURE
Operating: +5°C to + 45°C
Storage: -25°C to + 60°C

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

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

ENGINEERING ASSISTANCE
Peripheral Dynamics Inc.
5150 Campus Drive • Plymouth Meeting, PA 19462-1123 • USA
Tel: 610-825-7090 • 1-800-523-0253 • Fax: 610-834-7708
E-mail: sales@pdiscan.com • Internet: www.pdiscan.com

Printed in USA