

Quality Images that Give YOU the Competitive Edge!



UltraScan+

The Newest 3.25" Image Scanner that lets you Scan your OMR cards and Much More at a Fast 22 IPS at 200 & 300 DPI or 5.5 IPS at 600 DPI In a Stand-Alone Table-Top Version!

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

New + Features

Increase the native resolution to 600 dpi.

Providing the selection of 200, 300 and 600 dpi.

Increase the transports ability to move damaged documents.

Two rows of LEDs to improve images from damaged documents.

Color ready as an optional feature.



The newest 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 200, 300 or 600 dpi and scans forms on a line-by-line basis. 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.



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The Versatile High Speed 3.25" Image Scanner

PRELIMINARY SPECIFICATIONS

DC POWER REQUIREMENTS

+24 VDC $\pm 5\%$ @ 18W (0.75A) (max., Scanning)
30W (1.25A) (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 2048 pixels at 24 dpm (600dpi). Scanning is monochrome Red LED light source

SCAN SPEED

Transport scanning speed: 22 ips at 200 & 300 dpi or 5.5 ips at 600 dpi

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

RELATIVE HUMIDITY (non-condensing)

Operating: 10 to 85%
Storage: 5 to 95%

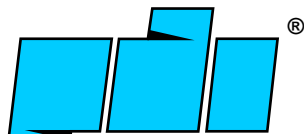
THERMAL PRINTING

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

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

RELATED PDI EQUIPMENT

- 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

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