



Desktop recognition for PC/AT, PS/2 with Micro Channel (MCA) and 100 percent compatibles.

TrueScan™ Bringing the Power of Recognition to Desktop Scanners

Getting printed information off a document and into your word processor, desktop publisher, spreadsheet or database can be as easy as making a photocopy. Now with your scanner and TrueScan, the first scanner recognition card for PCs and compatibles, you can capture not just a picture of a page, but *everything* on a page—in one pass, regardless of how complicated the page is. And, the page is put directly into a form your word processor, desktop publisher, spreadsheet or graphics program can use immediately. Finally, scanning documents is as easy as making a photocopy!

TrueScan is a scanner recognition card that works with just about any desktop scanner or fax card to provide the simplest and most effective way of getting typical business documents, regardless of complexity, directly into popular word processing, desktop publishing, graphics, spreadsheet and database programs, in a format that can be used immediately. TrueScan processes the page in seconds, sending the result to your PC in a form your application, for example, WordPerfect™, Ventura Publisher™, or Lotus 1-2-3™, can understand.

TrueScan works with most of the industry-leading scanners, including models from Hewlett-Packard, Canon, AST, Microtek, Dest, Datacopy and Panasonic. With TrueScan, you'll begin to see that scanners can be used for much more than just graphics. Whether your document is typewritten, typeset, laser printed, computer-generated, or even dot-matrix, TrueScan provides the easiest and most reliable way to get printed information into your desktop application, in the form you need.

Until now, recognition software has been very limited. Unless you had single column, typewritten pages, you might as well have typed it in yourself. Vendors delivered only *character* recognition, when in fact what the user really needed was *complete document recognition*. Much more than simple OCR (optical character recognition), or ICR (intelligent character recognition), *complete document recognition* is the ability to capture text and graphics in one pass while providing ALL the important layout information about a page. This includes automatic decolumnization of complex pages, preserving layout information like paragraph breaks, tables, columns, lists, plus attributes like bold, italic and underscore. This is especially important in word processing and desktop publishing where such formatting information is critical.

If you need fast turnaround on documents, TrueScan can deliver. Using TrueScan a typical typewritten business document of 2500 characters can be completely processed in less than 1 minute, 45 seconds—that includes scanning, recognition, conversion to Microsoft Word format, proofing, editing, and printing! At that rate, you could put this page onto your PC with TrueScan in less time than it takes to read! And, TrueScan makes the proofing process easy, too. You proof the documents in the word processor you're accustomed to. Characters and words that were difficult to recognize due to poor contrast or copy quality can be flagged so you can easily find and correct them.

For years Galera has been offering comprehensive recognition systems for high-volume publishing, image archiving, forms processing and database building. Of all the vendors in the recognition arena, we can process the widest range of documents with the greatest speed and accuracy. These solutions formerly required a lot of CPU-power and carried a high price tag. Now that same recognition technology is available to the personal computer market—at an unbelievably low price. Desktop Recognition™ is finally here, and, it works. At affordable desktop prices. Don't take our word for it—try it yourself!

TrueScan Specifications

TrueScan Models

- **Model S** – up to 75 characters per second
- **Model E** – up to 100 characters per second; handles landscape and rotated pages (e.g., fax images)

Features

- Recognized Fonts:
 - typewritten
 - typeset
 - laser print
 - draft-quality dot-matrix
 - other computer print
 - 6 to 28 point
 - monospace and proportional
- Document Formats Supported (automatically decolumnized):
 - single and multiple columns
 - variable column widths
 - tables
 - lists
 - paragraphs
 - intermixed text and graphics
- Accuracy: Dependent upon quality of input document; optimal documents can achieve 99.9%+
- Skew: ± 2 degrees

PC/AT Requirements

- IBM PC/AT, Compaq 286, 386 or 100% compatibles
- MS-DOS™ 3.1 or above
- Memory: 512KB minimum
- 20MB hard disk (3.7MB required)
- Monochrome or color display adaptor and monitor
- 5 1/4" 1.2MB or 3 1/2" 720K floppy drive

PC/AT Supported Scanners

- AST Turbo Scan
- Canon IX-12, IX-12F (ADF)
- Chinon DS-3000
- Datacopy Jet Reader
- Datacopy Model 730 (ADF)
- Dest PC Scan Plus

(ADF) indicates Automatic Document Feeder support.

- Dest PC Scan 1000/1020
- Dest PC Scan 2000/2020 (ADF)
- Hewlett-Packard ScanJet (ADF)
- Hewlett-Packard ScanJet Plus (ADF)
- Microtek MS-300A (ADF)
- MS-300C (ADF)
- MSF-300C
- MSF-300Q
- MSF-300G
- MSF-400G
- MS-II (ADF)

- Panasonic FX-RS505
- Panasonic FX-RS506 (ADF)
- Princeton Graphics LS-300

PS/2 Requirements

- IBM PS/2 with Micro Channel (MCA)
- PC-DOS 3.1 or above
- 20 MB Hard Disk (3.7 MB required)
- VGA Monochrome or Color Display
- 1.44 MB 3 1/2" Disk Drive

PS/2 MCA Supported Scanners

- Canon IX-12, IX-12F (ADF)
- Hewlett-Packard ScanJet (ADF)
- Hewlett-Packard ScanJet Plus (ADF)
- Microtek MS-300A (ADF)
- MS-300C (ADF)
- MSF-300C
- MSF-300Q
- MSF-300G
- MSF-400G
- MS-II (ADF)
- IBM 3119

Optional Daughtercards Available for:

- Canon IX-12
- Hewlett-Packard ScanJet/ScanJet Plus

Supported Output Formats

- **Supported Word Processor Formats**
 - DCA/RFT
 - DisplayWrite 2, 3, 4 (DCA/RFT)
 - EBCDIC
 - IBM Writing Assistant 1.0
 - GSA Navy DIF
 - Microsoft Word 3.0, 3.1, 4.0
 - Microsoft RTF
 - MultiMate 3.1, 3.3, 3.6, 3.7
 - MultiMate Advantage II
 - OfficeWriter 4.0, 5.0, 6.0
 - PFS:First Choice 1.0, 2.0
 - PFS:Professional Write 1.0, 2.0
 - PFS:Write Version C
 - PageMaker (Microsoft Word)

- Samna (DCA/RFT)
- Ventura Publisher (Microsoft Word)
- Volkswriter
- Volkswriter Deluxe 2.2
- Volkswriter 3
- WordPerfect 3.0, 4.1, 4.2, 5.0
- WordStar 3.3, 3.31, 3.45, 4.0
- WordStar 2000 (WordStar 4.0)
- XyWrite III
- XyWrite III Plus

Supported Spreadsheet Formats

- Excel (.XLS)
- Lotus 1-2-3
- Quattro (.WK1)

Supported ASCII Formats

- ASCII
- Decolumnized ASCII
- PDA Text and Image

Supported Image Formats

- PageMaker (TIFF)
- PC Paintbrush
- PCX
- PDA (CCITT Group 4 compressed images)
- TIFF Uncompressed
- TIFF Modified Group 3
- TIFF Packbits
- Ventura Publisher (PCX)

Supported Facsimile Cards

- AT&T Fax Connection (Page Power)
- Datacopy Microfax
- Gammalink Gammafax
- Intel Communication Co-Processor
- Panasonic Fax Partner
- Spectrafax The FAXCARD
- Others 200x200 dpi fax images (fine mode) in TIFF, PCX and DCX formats

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These specifications are subject to verification acceptance by the customer, utilizing standard Calera document test sets, and are subject to change without notice.

Additional formats will be supported: contact your sales representative or Calera for details.

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