

MD30C Color Scanner

Fast, Easy, Economical Hardcopy Image Capture

digital



Would you like to be able to take hardcopy information, such as text, graphics, or photographs, and transfer it to your computer? Do you spend valuable time retyping text—or pay a graphic designer to recreate graphics or photographs on the computer? Now you can save that time and money because the MD30C Color Scanner lets you scan any color or black-and-white (bitonal or grayscale) hardcopy information quickly, easily, and economically into your computer system. Just place any hardcopy image—photographs, line drawings, text, business forms, engineering sketches, charts—on the scanner surface, and instruct the system to start the scanner.

The MD30C is an affordable, desktop 300 dpi scanner that works with workstations and personal computers running software that transfers scanned data into computer files. The MD30C scanner and associated software let you display scanned-in data on your computer screen, then modify, store, or print it. And with OCR software such as DECimage Character Recognition Software*, you can convert hardcopy text to ASCII, PostScript®, or Digital Document Interchange Format (DDIF) files. You can also integrate scanned-in data into new or existing documents, or mail it electronically over your network. The MD30C scanner can also be used with Compound Document Architecture (CDA)-compliant publishing software, such as DECpresent and DECwrite, to create eye-catching publications.

The MD30C scanner puts hardcopy data in its place—in your computer system—so you can spend your time using vital information rather than trying to recreate it.

*Available on VAX VMS and RISC ULTRIX platforms only.

Highlights

- Captures text, line art, and photographs in original hardcopy form and transfers them into your computer system
- Offers color, grayscale and bitonal scanning to give you accurate representation of all hardcopy images
- Provides affordable alternative to rekeying text or recreating artwork on your system
- Scans one page at 300 dpi in 10 seconds in bitonal mode, 37 seconds in grayscale mode, and 130 seconds in color mode
- Connects easily to Digital workstations and industry-standard personal computers through the Small Computer Systems Interface (SCSI)
- Uses Digital-developed software to format image files into Digital Document Interchange Format (DDIF) to be merged into CDA-compliant documents
- Works with Image-In Color®, PC-based color image editing software from Image-In Incorporated
- Fits easily on your desktop
- Requires no special operator training to use

Cable Configuration Chart

CPU	Interface Cable	SCSI Adapter (for PCs without SCSI port)
VAXstation 3100	BC56H-06	None
VAXstation 4000	BC09D-06	None
DECstation 3100	BC56H-06	None
DECstation 5000	BC09D-06	None
DECstation 320, 325, 333, 425	BC19J-06	PC4XR-CC
DECpc 433	BC09D-06	None
Industry-standard PCs	BC19J-06	PC4XR-CC

A Simple Way to Capture Hardcopy Images

In color mode, the MD30C Color Scanner lets you scan full-color images to enhance office documents or to create effective illustrations. It also provides accurate representations of black-and-white photographs in grayscale mode. The scanner offers 16.4 million shades of each color or up to 256 shades of gray.

The MD30C scanner is simple to use. The scanning software lets you specify the location and size of the area to be scanned. This is a real plus when you want to capture a chart or portions of a document; it reduces scanning time and saves space on the disk.

Set-up is no problem because the MD30C scanner connects easily to workstations and personal computers through the SCSI port. An optional PC bus SCSI adapter is available if your PC does not have a SCSI port.

Images Any Way You Want Them

The MD30C scanner works with DECimage Scan Software on workstations in VMS and RISC ULTRIX environments and with Image-In Color scanning software on PCs to easily transfer scanned data into usable computer files. The scanning software then allows you to preview, crop, rotate, wash, invert, or magnify scanned images into whatever form you want.

The DECwindows Motif® interface lets you use simple commands to do these powerful functions. (Refer to Software Specifications on the following page for DECwindows Motif version number.)

In VMS or RISC ULTRIX environments, DECimage Scan Software allows you to scan in, preview, and adjust images, and create image files. DECimage Scan Software also allows you to merge text and images by formatting scanned data into Digital Document Interchange Format (DDIF). The data can then be used with any CDA-compatible application, such as DECimage Character Recognition Software.

Image-In Color pre-press software is an advanced, true-color, PC-based, VGA, Super VGA or 24-bit image processing system. With Image-In Color on your PC, you can manipulate color or grayscale photographs and line art images by selecting color, changing brightness and contrast, adding or deleting shadows, or moving items in an image.

Image-In Color supports TIFF, EPS (Encapsulated PostScript), PCX, BMP, GIF, and TGA file formats.

Supported by Digital

Digital backs the MD30C Color Scanner with a worldwide service organization of more than 35,000 professionals in 600 locations in over 60 countries. After the standard product warranty has expired, there are several postwarranty service packages available from Digital's Customer Services organization for your scanner.

For More Information

To find out more about the MD30C Color Scanner and associated accessories and supplies, contact your Digital Sales Representative or Authorized Digital Reseller.

MD30C Color Scanner Specifications

Type	Desktop Flat Bed
Resolution	Up to 300 dpi
Scanning Speed (one page at 300 dpi)	Bitonal (10 seconds) Grayscale (37 seconds) Color (130 seconds)
Document Size	Up to 8.5 × 14 in. (216 mm × 356 mm)
Operation Mode	Bitonal 8-bit Grayscale 24-bit Color
Interface	SCSI-2 ¹
Dimensions	Width: 13.9 in. (353 mm) Depth: 21.5 in. (545 mm) Height: 4.7 in. (120 mm)
Weight	24 lbs. (11 kg)
Noise Level	<55 dBA

Configuration Guidelines

	<i>Workstations</i>	<i>Personal Computers</i>
Hardware Information	VAXstation 3100 VAXstation 4000, DECstation 3100, DECstation 5000	DECstation 320, 325, 333, 425, DECpc 433, IBM PC compatibles
Minimum memory	16 MB	2 MB (4 MB recommended for editing color images)
Minimum hard disk requirement	1 RZ24 209 MB disk drive	70 MB
Display	VR Series color monitor	VGA, 8514, XGA or any Windows-compatible display with resolution of at least 640 × 480; 256-color or true-color, 24-bit display recommended
Other	Mouse	Windows-compatible mouse or other pointing device
Software Information ²	VMS Operating System Version 5.4-2 or later DECwindows Motif Version 1.0 DECnet VAX V5.3-V5.5 Open (Phase IV End Node) for remote scanning and mail DECimage Scan Software for VMS V3.0	MS-DOS V3.3 or later; Microsoft Windows V3.0

¹The MD30C Color Scanner comes with two SCSI interfaces for daisy chaining SCSI devices.

²For additional information on software requirements in the VMS environment, refer to Digital SPD Number 25.D4.02; for complete information on software requirements in the RISC ULTRIX environment, see Digital SPD Number 31.75.00

Operating Environment

Operating temperature	50° to 104° F (10° to 40° C)
Relative humidity	35 % to 80 %
Power consumption (WT)	40
Regulatory Compliance	UL™, CSA®, FCC, VDE, VCCI, ZZF

Ordering Information

<i>Description</i>	<i>Order Number</i>
MD30C scanner <i>only</i> , U.S./Canadian version (international variants are also available)	MD30C-AA
MD30C scanner with DECimage Scan Software for VMS*	MD30C-BA
MD30C scanner with Image-In Color software	MD30C-CA
MD30C scanner with DECimage Scan Software for RISC ULTRIX*	MD30C-DA
Media and Documentation Kits (VMS)	QA-VPFAA-H5 (TK50 cartridge tape) QA-VPFAA-HM (magtape)
Media and Documentation Kits (RISC ULTRIX)	QA-YF8AA-H5 (TK50 cartridge tape) QA-YF5AA-HM (magtape)
Interface cables	BC56H-06 (VAXstation 3100, DECstation 3100) BC09D-06 (VAXstation 4000, DECstation 5000, DECpc 433) BC19J-06 (DECstation 320, 325, 333, 425, Industry-standard PCs)
SCSI Adapter (for PCs without SCSI port)	PC4XR-CC
SCSI Terminator	12-30552-01
MD30C replacement lamp	MD3XC-HA

*Includes DECimage Scan Software license only. Media and Documentation Kit must be ordered separately.

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