

Minolta DiMAGE Scan Elite II Film Scanner

Specifications

Supported Film Format	35mm film (color, black & white, negative, positive) Advanced Photo System* (color, black & white, negative, positive) *optional
Maximum Input Resolution	2,820 dpi
Sensor	3-line color CCD
Number of Pixels	2,700 pixels per line
Filter	RGB primary-color filter
Maximum Scan Size	35mm film: 24.21 x 36.32mm APS: 17.29 x 29.98mm
Maximum input pixels (at 2,820 dpi)	35mm film: 2,688 x 4,032 APS: 1,920 x 3,328
Scanning Method	Moving film, fixed sensor, single-pass scanning
A/D Conversion	16-bit
Output Data	8-bit, 16-bit (per color channel)
Multi-sample Scanning	2x, 4x, 8x, 16x, off
Continuous Scan	35mm Film Holder: 6 frames (maximum) Slide Mount Holder: 4 frames (maximum)
Dynamic Range	4.8
Scan Time* (Approximate time with positive film, 2820 dpi input resolution, 8-bit output color depth, no Digital ICE3, no cropping, no autoexposure, no color matching)	Macintosh: 35mm film: pre-scan – 7 seconds; final scan – 33 seconds; index scan (per frame) – 7 seconds APS film: pre-scan – 8 seconds; final scan – 29 seconds; index scan (per frame) – 7 seconds Windows: 35mm film: pre-scan – 7 seconds; final scan – 33 seconds; index scan (per frame) – 7 seconds APS film: pre-scan – 7 seconds; final scan – 28 seconds; index scan (per frame) – 7 seconds
Light Source	Cold-Cathode fluorescent tube
Power Requirements	Voltage: 100-240V AC Frequency: 50/60Hz
Focus	Autofocus (Point AF available) and manual focus
Interface	USB 1.1 (USB 4p x1) and IEEE1394 (6p x2)
Dimensions (WxHxD)	5.7 x 3.9 x 12.8 inches (145 x 100 x 325mm)
Weight	3.3 lbs. (1.5 kg)
Driver Software	Windows: TWAIN data source and Utility Macintosh: Adobe Photoshop Plug-in and Utility
Digital ICE^{3TM}	Applied Science Fiction TM 's technology for automatic image restoration and enhancement
Standard Accessories	35mm Film Holder FH-U1, Slide Mount Holder SH-U1, AC-Adapter AC-U10, USB cable UC-1, IEEE 1394 cable FC-1, DiMAGE Scan Elite II driver software, Adobe Photoshop Elements software

Optional Accessories	APS Adapter AD-10
System Requirements	<p>Macintosh: Power PC G3 (Power PC G4 is recommended for scanning with Digital ICE, ROC, GEM and 16-bit output) with Mac OS 8.6 – 9.1; a minimum of 64MB free memory in addition to the requirements for the Mac OS and applications (128 MB or more for scanning with Digital ICE, ROC, GEM and 16-bit output. 256MB or more recommended.) 100 MB or more of free hard disc space. (500MB or more for scanning with Digital ICE, ROC, GEM and 16-bit output. 1GB or more is recommended.) CD-ROM drive.</p> <p>Windows: IBM PC/AT compatible models with Intel Pentium or later. (Pentium 166MHz or later for scanning with Digital ICE, ROC, GEM and 16-bit output.) FireWire (IEEE1394): Windows 2000 or Windows Me; USB*: Windows 98, Windows 98 SE, Windows 2000 Professional, or Windows Me. A minimum of 64MB of RAM (128MB or more for scanning with Digital ICE, ROC, GEM and 16-bit output. 256MB or more is recommended.) 100 MB or more of free hard disc space. (500MB or more for scanning with Digital ICE, ROC, GEM and 16-bit output. 1GB or more is recommended.) CD-ROM drive. Recommended IEEE1394 interface: Adaptec AFW-4300, OHCI-compliant IEEE1394 port as standard interface (Non-DV-dedicated IEEE1394 port guaranteed by PC manufactures)</p> <p>*Only for PCs with pre-installed Windows 98, Windows 98 Second Edition, Windows 2000 Professional or Windows Me, USB port guaranteed by PC manufacturers</p>

* *System environment for scan time measurement:*

Macintosh:

Power PC G4 533 Mhz; 512 MB RAM; 35GB Hard Disk Space; Mac OS 9.1; Adobe Photoshop 6.0 with 380 MB memory allocated to application; Firewire (IEEE 1394) as standard

Windows:

Pentium IV 1.5 GHz; 512 MB RAM; 630 MB Hard Disk Space; Windows 2000 Professional; Adobe Photoshop 6.0 with 400MB memory allocated to application; Adaptec AFW-4300 interface.

Specifications, accessories and system requirements are subject to change without notice.

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