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Epson Perfection V500 Photo Scanner Specification Sheet

High quality photo and film scanning with energy efficient LED technology for photographers

PRODUCT NAME:	Epson Perfection V500 Photo		
PRODUCT CODE:	B11B189034		
BASIC			
SCANNER TYPE	Flatbed colour image scanner		
OPTICAL RESOLUTION	Main 6400 dpi x Sub 9600 dpi		
DOCUMENT SIZE			
REFLECTIVE	216x297mm (A4+Letter)		
TRANSPARENCY	35mm Strip film 12 frames 35mm Slides 4 frames 6cm x 12cm medium format (120/220) 1 frame		
TRANSPARENCY UNIT	68.6 x 236.9mm		
MAXIMUM SCANNING SIZE	68.6 x 236.9mm		
INTERFACE	USB2.0 Hi-speed		
CONFIGURATION			
PHOTOELECTRIC DEVICE	Matrix CCD (12 line with on chip micro lens)		
LIGHT SOURCE	White LED, IR LED		
SUB-SCANNING METHOD	Fixed document and moving carriage		
SCANNING SPEED			
REFLECTIVE SCANNING			
MONOCHROME*1	A4 300dpi	14 seconds	
24bit COLOUR*2	A4 300dpi	15 seconds	
FILM SCANNING		Draft Mode	Best Mode
35mm Positive film	3200dpi	55 sec	55 sec
35mm Negative film	3200dpi	63 sec	63 sec

The thumbnail images below show the scanning patterns used to determine scanning speed specifications.



*1
Line Art
(MEMO)



*2
Photo
Photo courtesy of
ISO&JIS-SCID.
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System Configuration of Scanning Speed
CPU: Pentium 4,3.2GHz
RAM: 1GB
I/F: USB2.0 Hi-Speed
OS: Windows XP Home Edition
Soft: Adobe Photoshop 7.0E

Scanning speed test results vary according to system configuration, dpi setting, and scan mode setting. However, documents and photos other than those pictured above can be substituted without significantly affecting test results.

FUNCTIONS	
IMAGE QUALITY ENHANCER	DIGITAL ICE (for film) DIGITAL ICE LITE (for film) Grain Reduction Dust Removal (Software for film and reflective/photo) Backlight Correction Color Restoration PRINT Image Matching II Optimized Auto Exposure Unsharp Mask with Noise Reduction De-Screening with Document Type Optimizer Tone Curve Adjustment with Histogram Color Palette
EASY SCANNING	4 Push Buttons linked with EPSON Creativity Suite Stand-Alone Application and Scan to File Feature Scan to PDF feature High compression PDF Multi Purpose User Interface Multi Document Auto Detection Multi Document Auto Cropping Auto Skew Correction Auto Photo Orientation Multi Marquee Film Scanning Thumbnail Preview

PERFORMANCE	
OUTPUT RESOLUTION	50 - 6400, 9600, 12800 dpi (50 to 6400 dpi in 1dpi increments)
COLOURS	Internal 48 bit (281.5 trillion colours) Output 48 bit (281.5 trillion colours) 24 bit (16.7 colours million) 16 bit (65,536 grayscale levels) 8 bit (256 grayscale levels) 1 bit Monochrome

SUPPORTED PLATFORMS	
USB1.1:	Microsoft® Windows® 2000 Professional / XP (Home Edition / Professional / Professional X64) / Windows® Vista (USB I/F is standard equipped by Pre-install PC or upgraded PC from Windows® 98 / ME / 2000 Professional model) Mac® OS X 10.2.8 or later (Universal Version)
USB2.0:	Microsoft® Windows® 2000 Professional / XP (Home Edition / Professional / Professional X64) / Windows® Vista (Pre-installed model or upgrade of Windows® 2000 Professional pre-installed model) Mac OS X v10.2.8 or later (iMac/iBook/Power Book/Power Macintosh of USB2.0 I/F standard equipped)

ENVIRONMENTAL CONDITIONS	
TEMPERATURE	10°C to 35°C (Operating) 10°C to 32°C (Operating with ADF)
HUMIDITY	10% to 80% without condensation (Operating)

ELECTRICAL SPECIFICATIONS	
VOLTAGE	(AC100V model) AC100-120V 50-60Hz (AC200V model) AC220-240V 50-60Hz
POWER CONSUMPTION	Approx. 16W (Operation) Approx. 4W (Sleep Mode)

SOFTWARE	
Epson Creativity Suite 1.3* Epson Scan 3.2* Adobe PhotoShop Elements 6 ABBYY FineReader Sprint Plus 6 (for Windows)/ ABBYY FineReader Sprint Plus 5 (for Macintosh)	

* Microsoft® Windows® 2000 Professional/ XP Home edition/ XP Professional/ XP Professional x64 Edition/ Vista (pre-installed model) / Mac® OS 10.2.8 or later

OPTIONS	
Automatic Document Feeder	B12B813392
Automatically scans A4 documents Maximum tray capacity - 30 sheets Scanning speed - 3ppm	
WARRANTY	
12 months return to base	Standard
Optional Additional 2 Year Warranty	3YWPV500P (Australia Only)

[Epson Scanner Warranty](#)

DIMENSIONS	
WIDTH	272mm
DEPTH	475mm
HEIGHT	113mm
WEIGHT	Approx. 4kg



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