

Perfection V850 Pro

DATASHEET



Featuring enhanced high-pass optics that deliver the highest level of image quality with faster scan speeds, the V850 Pro can convert a wide range of media and film formats into professional-quality digital images. This high-productivity 6400dpi scanner requires virtually no warm-up time, can remove dust and scratches automatically and includes two sets of high-quality film holders.

Choice of resolution

The V850 Pro features a dual lens system that automatically selects the optimal lens, with up to 4800dpi optical resolution for photo scanning and 6400dpi when scanning using film holders.

Scan from any source

Scan a range of film formats in sharp focus thanks to the improved quality film holders with their adjustable height control and rigid design. The V850 Pro also supports film formats up to 8x10 inch when placed directly on the scanner glass.

High productivity

Epson's ReadyScan LED light source has a warm up time of less than one second, so scanning can start almost instantly. Two sets of film holders means you can prepare a second set of originals for scanning while the first is still scanning.

Cleans-up images

Digital ICE Technologies automatically removes imperfections such as dust, hair, scratches and fingerprints from both film¹ and photos to restore images to their former glory with the minimum of effort.

The right tone

Take advantage of excellent tone reproduction with 4.0 DMax optical density. The V850 Pro can detect the exact tonal range of the original, making sure the brightest and darkest areas of images are accurately reproduced to reveal impressive detail and dynamic range.

KEY FEATURES

- **Professional quality scanning**
Slides, film, medium format & prints
- **Dual lens system**
Swaps between 6400dpi for slides and film, and 4800dpi for photos
- **High productivity**
One second warm up time and two sets of film holders
- **Dynamic range**
Accurately reproduce tonal range and gradation of the original
- **Removes imperfections**
Digital ICE Technologies cleans-up old film and photos

PRODUCT SPECIFICATIONS

TECHNOLOGY	
Scanner type	Flatbed Scanner
Scanning Resolution	6,400 dpi x 9,600 dpi (Horizontal x Vertical)
Optical Resolution	Main 6,400 dpi
Optical Density	4 Dmax
Color Depth	Input: 48 Bits Color, Output: 48 Bits Color
Scanning Range	216 mm x 297 mm (Horizontal x Vertical)
SCANNER	
Optical Sensor	Matrix CCD
Light Source	White LED, IR LED with ReadyScan LED Technology
Scanning Method	Fixed documents and moving carriage
Output Resolution	50~6400 (1 dpi step), 9600, 12800 dpi
SCANNING FEATURES	
Image Improvement	Grain reduction, Dust removal, Print Image Matching II, Correction of tonal value with histogram, Color palette tool for Easy Color Fix, Backlight Correction, Colour Restoration, Unsharp Mask with Noise Reduction, De-Screening with Document Type Optimizer, Digital ICE Technologies (for film and photo)
CONNECTIVITY	
Interfaces	Hi-Speed USB - compatible with USB 2.0 specification
GENERAL	
Supply Voltage	AC 220 V - 240 V, 50 Hz - 60 Hz
Product dimensions	503 x 308 x 152 mm (Width x Depth x Height)
Product weight	6.6 kg
Included Software	Epson Copy Utility, Epson Event Manager, Epson Scan, SilverFast SE Plus 8
Compatible Operating Systems	Mac OS 10.6+, Windows 7, Windows 8, Windows 8.1, Windows Vista, Windows XP
Humidity	Operation 10% - 80%, Storage 10% - 85%
Temperature	Operation 5° C - 35° C, Storage -25° C - 60° C
Energy Use	23 W (Operation), 12 W (Ready), 1.5 W (sleep mode)
Electrical Standards	Energy Star Compliant
SCAN SPEED	
Reflective scanning	Color (speed/best): 12/15 s/page , A4 Preview: 6 s/page ,
Film scanning	35mm negative film, 4800dpi: 59 s - Best, 35mm negative film, 2400dpi: 32 s - Best, 35mm positive film, 4800dpi: 66 s - Best, 35mm positive film, 2400dpi: 37 s - Best
OTHER	
Warranty	12 months Carry in Optional warranty extension available

LOGISTICS INFORMATION

SKU	B11B224401BY
Barcode	8715946545301



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WHAT'S IN THE BOX

- AC adapter
- Driver and utilities (CD)
- Main unit
- Setup guide
- Software (CD)
- USB cable
- Warranty document

1. Effective Digital ICE film scanning area is 5.9 x 9.74 inches

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