

Epson® Perfection® V850 Pro Color Scanner



Scanners

Photo

The pro-quality scanner with advanced control to archive film and photos.

Professional-quality color and detail — get unparalleled scans with state-of-the-art 6400 dpi optical resolution¹ and advanced optics

Remarkable tonal range and shadow detail — 4.0 Dmax for smooth gradations and fine shadow detail

Advanced optics — high-reflection mirror and anti-reflective optical coatings ensure minimum optical distortion

Epson's exclusive Dual Lens System — automatically selects from two lenses for optimum results based on the media being scanned

Automatically remove dust and scratches — Digital ICE® Technologies remove many surface defects from film and prints to minimize costly retouching

ReadyScan® LED light source — for fast scans with no warmup time required

Greater productivity — batch scan multiple slides, negatives, medium- and large-format film with two sets of film holders (included)

Do more with your film and photos — SilverFast® SE PLUS and X-Rite® i1Scanner color management software included for added versatility and control

Precision film scanning — includes two sets of anti-Newton ring film holders; specialized fluid mount option available



*At retail. Excludes specialty receipt scanners².

Specifications

Type
Flatbed color image scanner

Photoelectric Device
Alternative 6 lines color Epson MatrixCCD[®]

Optical Resolution¹
Epson Dual Lens System
4800 dpi and 6400 dpi

Maximum Hardware Resolution
4800 x 9600 dpi, 6400 x 9600 dpi
with Micro Step Drive[™] technology

Maximum Interpolated Resolution
12,800 x 12,800 dpi

Effective Pixels
40,800 x 56,160 (4800 dpi)
37,760 x 62,336 (6400 dpi)

Color bit depth
48 bits internal/external²

Monochrome bit depth
16 bits internal/external²

Optical Density
4.0 Dmax

High Pass Optics
Anti-reflective optical coatings
High-reflection mirror

Maximum Reflective Scan Area
8.5" x 11.7"

Light Source
ReadyScan LED technology

Scanning Speed (4800 dpi, High-speed Mode)
Full color/monochrome 10.8 msec/line (approx.)

Transparency Adapter Max Size
8" x 10"

Transparency Adapter Using Film Holders/Fluid Mount
5.9" x 9.74"

Supported Film Size
35mm slides (12 frames)
35mm film strips (18 frames)
Medium format film (1 frame, up to 6 x 20 cm)
4" x 5" film (1 frame)

Dust and Scratch Removal
Digital Dust Correction via Epson Scan
Digital ICE Technologies for Film and Prints
Optional Fluid Mount (scanning fluid and supplies not included)

Button
1 button, Epson Scan

Software Included

Epson Scan with Easy Photo Fix[®] technology
LaserSoft Imaging[®] SilverFast SE PLUS
X-rite i1Scanner with reflective/transparent IT8 targets

System Requirements

Windows[®] 10, Windows 8 – 8.1, Windows 7, Windows Vista[®]
Windows XP, Windows XP Professional x64 Edition
Mac OS[®] X 10.6.x – 10.10.x

General

Reliability
MCBF: 100,000 cycles

Connectivity
Hi-Speed USB 2.0

Operating Temperature
41° to 95° F (5° to 35° C)

Operating Humidity
10-80%, no condensation
10-85%, no condensation (storage)

Rated Input Voltage
AC 100 – 240V

Rated Input Frequency
50-60 Hz

Rated Output Voltage
DC 24V, 1A

Power Consumption
Operation 23W
Standby Mode 12W
Sleep Mode <1.5W
Power Off 0.3W

Warranty
One-year limited warranty in the U.S. and Canada

Dimensions (W x D x H)

19.8" x 12.1" x 6"
Weight 14.6 lb

Eco Features

RoHS compliant
Recyclable product⁴
Epson America, Inc. is a SmartWay[™] Transport Partner⁵

What's in the Box

Epson Perfection V850 Pro color scanner, 8" x 10" Transparency Unit (built into lid), Eight film holders: 35mm slides, 35mm film strips, medium format 6 x 20cm and 4" x 5" (two each), Film Area Guide, Scanner Software installation CD-ROM, LaserSoft Imaging SilverFast SE PLUS, X-Rite i1Scanner with reflective/transparent IT8 targets, Setup poster, Hi-Speed USB 2.0 cable, AC adapter and power cord

Ordering Information

Epson Perfection V850 Pro	B11B224201
Fluid Mount Accessory	B12B818272

¹ Optical resolution is the maximum scan resolution of the CCD elements, using the definition of ISO 14473. | ² Based on U.S. and Canada NPD retail scanner databases, December 2014. NPD sample period CY2014. | ³ External bit depth is selectable to 48 bits/16 bits depending on the image editing software. | ⁴ For convenient and reasonable recycling options, visit www.epson.com/recycle | ⁵ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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