EPSON®
EXCEED YOUR VISION

Epson® Perfection® V850 Pro
Colour Scanner

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

Professional-quality colour and detail — get unparalleled scans with state-of-the-art 6400 dpi optical resolution[1] 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 minimise costly retouching

ReadyScan® LED light source — for fast scans with no warm-up 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

DUAL LENS® SYSTEM

digital **ICE** technologies

BUILT TO PERFORM®

Specifications

Type
Flatbed colour image scanner

Photoelectric Device
Alternative 6 lines colour 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)

Colour 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 colour/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

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 warranty (return to base)

Dimensions (W x D x H)

530 x 308 x 152mm
Weight 6.6kg

Eco Features

RoHS compliant
Recyclable product³

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

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1 Optical resolution is the maximum scan resolution of the CCD elements, using the definition of ISO 14473. | 2 External bit depth is selectable to 48 bits/16 bits depending on the image editing software. | 3 For convenient and reasonable recycling options, visit www.epson.com/recycle

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eco.epson.com

ReadyScan LED

Epson Australia Pty Ltd
3 Talavera Road, North Ryde NSW 2113

www.epson.com.au
www.epson.co.nz

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