

Epson Perfection 4490 Photo



Overview

- Professional level 4800 x 9600 dpi resolution
- 3.4 Dmax for wide dynamic range and greater image quality
- Powerful Epson Easy Photo Fix™ to restore faded color photos
- Built-in transparency unit with dedicated light source for better scan uniformity
- Versatile scanning with film holders for 35mm negatives, slides and 2-1/4" transparencies
- Powerful software package for photo and document scanning; includes Adobe® Photoshop® Elements

Quality. Performance. Precision

A premium value for professional quality scans, the Epson Perfection® 4490 Photo delivers extraordinary results with 4800 x 9600 dpi resolution and an impressive 3.4 Dmax. This full-featured performer makes it easy for anyone to quickly restore, repair and renew classic photos, film and transparencies for stunning color reprints and enlargements. Powerful Digital ICE™ technology offers built-in dust and scratch removal capabilities for film, while Epson Easy Photo Fix provides one-touch color restoration. Together, these two features bring new life to faded or damaged originals.

The Epson Perfection 4490 Photo offers fully automatic scanning for increased productivity, plus two advanced scanning modes for greater control. Convenient film holders accommodate multiple 35mm slides and negatives, plus medium format film. And, Hi-Speed USB 2.0 ensures fast data transfer. There's even a fully featured software package that includes Adobe® Photoshop® Elements, ABBYY® FineReader® Sprint and more.

Compatible with both Windows® and Macintosh® systems, this scanner provides an unbeatable solution for any task or project. Rich in quality and versatility, the Epson Perfection 4490 Photo will highlight and optimize every detail. When partnered with an Epson Stylus® ink jet printer, it's a perfect choice for creating brilliant images made to last.

Features & Benefits

Enjoy professional level image quality at its best

- True 4800 x 9600 dpi resolution and a 3.4 Dmax ensure precision color and detail

Remove dust and scratches from film

- Includes powerful Digital ICE™ technology to use with slides and negatives

Restore faded color photos, slides and negatives

- Epson Easy Photo Fix™ one-touch color restoration offers fully automatic scanning

Automatically scan multiple slides, negatives and transparencies

- Convenient film holder makes it easy to quickly batch scan 35mm slides and negatives for greater productivity

Get exceptional quality when scanning slides and negatives

- Includes a moving transparency light source for greater scan uniformity

Speed through every scan

- Offers powerful Hi-Speed USB 2.0 (compatible with Windows® and Macintosh®)

Quality. Performance. Precision.

- A premium value for professional quality scans, the Epson Perfection® 4490 Photo delivers extraordinary results with 4800 x 9600 dpi resolution and an impressive 3.4 Dmax

Specifications

Scanner Type

- Flatbed color image scanner with Digital ICE™ Technology for Film

Photoelectric Device

- Color Epson MatrixCCD™ line sensor

Optical Resolution

- 4800 dpi

Hardware Resolution

- 4800 x 9600 dpi with Micro Step Drive™ technology

Maximum Resolution

- 12,800 x 12,800 dpi with software interpolation

Effective Pixels

- 40,800 x 56,160 (4800 dpi)

Color Hardware Bit Depth

- 48-bits per pixel internal, 48-bits per pixel external (External bit depth is selectable to 48 bits depending on the image editing software.)

Grayscale Hardware Bit Depth

- 16-bits per pixel internal, 16-bits per pixel external (External bit depth is selectable to 16 bits depending on the image editing software.)

Optical Density

- 3.4 Dmax

Transparency Unit

- 2.7" x 9.3" Transparency Adapter built-in lid, 12 35mm negative, 4 35mm slide, 1 2-1/4", 6x12cm or 120/220mm (medium format) capacity

Optional Equipment

- 30-page Automatic Document Feeder

Buttons

- 4 buttons; Scan, Copy, E-mail, PDF

Maximum Read Area

- 8.5" x 11.7" (21.6cm x 29.7cm)

Light Source

- White cold cathode fluorescent lamp

Interface

- Hi-Speed USB 2.0

Scanning Speed

- 4800 dpi high-speed mode: Monochrome 16.96 msec/line; Full color 16.96 msec/line

Reliability

- MCBF - 36,000 cycles

Environment Conditions

- Temperature: Operating 410 F to 950 F (50 to 350C), Humidity: Operating 10% to 80%, storage 10% to 85% (no condensation)

Power Requirements

- Voltage: AC100 - 120V, Frequency: 50 - 60hz, Power Consumption: 20W

Windows Requirements

- IBM® compatible PC with Pentium® II equivalent or higher processor. USB: Windows 98 SE, Windows 2000 Professional, Windows Me or Windows XP Home Edition/XP Professional. Hi-Speed USB 2.0: Windows 2000 Professional or Windows XP Home Edition/XP Professional. 128MB RAM (512MB recommended for Digital ICE), 350MB of available hard disk space minimum (1GB recommended for Digital ICE), CD-ROM drive (4x or faster), available USB connection (Hi-Speed USB 2.0 recommend for optimum performance).

Macintosh Requirements

- iMac® or any G3 or later with built-in USB. USB: Mac OS X 10.2.x and OS 10.3.x. Hi-Speed USB 2.0: Mac OS X 10.2.7 or later. 128MB RAM (512MB recommended for Digital ICE), 450MB of available hard disk space minimum (1GB recommended for Digital ICE), CD-ROM drive (4x or faster), available USB connection.

Physical Dimensions

- Width: 10.71" (272mm), Depth: 18.7" (475mm), Height: 4.5" (113mm), Weight: 8.8 lb (4.113 kg approx.)

Software

- Adobe® Photoshpe® Elements, ABBYY® FineReader® Sprint Plus OCR, Epson Creativity Suite, NewSoft™ Presto!® BizCard, Epson Scan with Epson Easy Photo Fix™ Technology

Warranty

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

What's in the Box?

- Epson Perfection 4490 Photo Scanner
- 2.7" x 9.3" Transparency unit (built into lid)
- Two Film Holders: 35mm slides and film strips and medium format
- CD-ROM with Epson Scan software, productivity software and Electronic Reference Guide
- CD-ROM with Adobe® Photoshop® Elements
- Hi-Speed USB 2.0 cable
- Epson Setup Sheet
- AC adapter and power cable

