



Get impressive results at 4800 x 9600 dpi resolution and 48-bit color. Scan four slides (35 mm) or six negatives using a built-in adapter. Remove dust and scratches plus restore color to images. One-touch buttons for easy scanning and sharing.



## Stunning photo quality

Stunning scans of photos, slides, negatives and more.

- Get leading resolution—scan at 4800 x 9600-dpi resolution and 48-bit color.
- Scan photos to make beautiful, true-to-original reprints, share with others or save on your PC.
- Scan important documents and get the same crisp text as on the original.

## Scan more with amazing speed

Scan up to four slides or six negative frames all at one time with amazing speed.

- The fastest way to scan multiple images into individual files, about 10 seconds per image
- Scan four 35 mm slides or six negative frames at once, using a built-in adapter.
- Get copies using a one-touch button that sends a scan directly to your default printer.

## Quick, easy photo restoration

Easily—enhance and restore photos, convert slides and negatives and more fast.

- Remove dust and scratches or restore faded color from scanned images with HP Real Life technologies.
- Remove red-eye and brighten dark areas using HP Real Life technologies.
- Easily convert 35mm slides and negatives into digital files you can print, share and save

## One-stop photo management

Get the most convenient way to organize, edit, share and save your scans within HP Image Zone software.

- Organize, edit, enhance and save photos and create photo projects with HP Image Zone software.
- E-mail photos, without large file attachments or downloads, using HP Instant Share.
- Edit text from scanned documents, using included OCR software, and save as favorite file types.
- Fit large, bulky items under an adjustable lid, and scan 3-D objects, such as jewelry and mementos.

# HP Scanjet 4850 Photo Scanner

Datasheet

## Technical specifications

<b>HP Real Life Technologies Features</b>	Dust and scratch removal capabilities, faded color restoration, HP Adaptive Lighting, HP Auto Red-eye Removal
<b>Scan Type</b>	Flatbed
<b>Scan Technology</b>	Charge Coupled Device (CCD)
<b>Control Panel</b>	4 front-panel buttons (Copy, Scan, Scan film, Scan to share)
<b>Scan Input Modes</b>	Front-panel: Scan (reflective scans from the glass), Scan film (Transmissive scans of film materials from the transparent materials adapter – TMA), Copy, Scan to share (with HP Instant Share or e-mail or with HP Image Zone software); user application via TWAIN
<b>Scan Resolution</b>	<b>Hardware:</b> Up to 4800 x 9600 dpi <sup>1</sup> ; <b>Optical:</b> Up to 4800 dpi; <b>Enhanced:</b> Up to 999999 dpi
<b>Color bit depth/Grayscale levels</b>	48-bit/256
<b>Preview Mode</b>	Up to 6 sec <sup>2</sup>
<b>Task Speed</b>	<b>4 x 6-in color photo to file:</b> About 8 sec for multiple image scan, About 27 sec for single image scan <b>35-mm slides to file:</b> About 7 sec for multiple image scan Frames, About 26 sec for single image scan <b>35-mm negatives to file:</b> About 8 sec for multiple image scan, About 41 sec for single image scan <b>OCR 8.5 x 11-in text to Microsoft Word:</b> Less than 30 sec for single image scan <b>4 x 6-in color photo to share/e-mail:</b> Less than 36 sec for single image scan <b>8.5 x 11.7 PDF to e-mail:</b> Less than 50 sec for single image scan
<b>Enlargement Range</b>	10 to 2000% in 1% increments
<b>Scan Size Maximum</b>	8.5 x 12.3 in (216 x 311 mm)
<b>Media Types</b>	Paper (plain, inkjet, photo, banner), envelopes, labels, cards (index, greeting), 3-D objects, 35 mm slides and negatives (using transparent materials adapter), iron-on transfers
<b>Photographic Format Types</b>	Reflective scan of printed photos up to 8.5 x 12.3 inches, transmissive scans of positive and negative film, 35-mm negative film strips, mounted slides
<b>Scan File Formats</b>	For images: PDF, BMP, TIFF, TIFF compressed, PCX, JPEG, FlashPix (FPX), PNG; for text: HTML, TXT, Rich Text File (RTF), PDF, PDF (searchable), FlashPix, PNG image
<b>Standard Connectivity</b>	Hi-Speed USB (compatible with USB 2.0 specifications)

<sup>1</sup>The maximum dpi at which you can scan is limited by available computer memory, disk space, and other system factors.

<sup>2</sup>Scan speed: tests performed on a 1.7 GHz HP Vectra PC with 256 MB of RAM and Windows 2000.

## Compatible Operating System

Windows 98, 98 SE, Me, 2000, XP Home, XP Professional; Mac<sup>®</sup> OS X v 10.2 and higher

## Minimum System Requirements

**For all systems:** 800 x 600 SVGA monitor; CD-ROM drive; USB port; **PC:** Pentium II 233 MHz or equivalent Celeron processor; 64 MB RAM for Windows 98, 98 SE and Me; 128 MB RAM for Windows 2000, XP Home, XP Professional; 500 MB available hard disk space; Internet Explorer 5.01 Service Pack 2 or higher version; **Macintosh:** 128 MB RAM; 250 MB available disk space

## PC Requirements (recommended)

Pentium II 233 MHz or equivalent Celeron processor; 64 MB RAM for Windows 98, 98 SE, and Me; 128 MB RAM for Windows 2000, XP Home, XP Professional; 500 MB available hard disk space; Internet Explorer 5.01 Service Pack 2 or higher version

## Temperature

**Maximum Operating:** 50 to 95° F (10 to 35° C); **Recommended Operating:** 50 to 95° F (10 to 35° C); **Storage Range:** -40 to 140° F (-40 to 60° C)

## Humidity

**Operating:** 15 to 80% RH; **Storage:** 0 to 90% RH

## Power

**Type:** External power adapter; **Features:** Universal AC adapter used worldwide: 100 to 240-VAC (50/60 Hz) input, 24-VDC 1500mA (36 watts) output, Energy Star efficiency level IV; **Consumption:** 21 watts maximum

## Dimensions (w x d x h)/weight

19.88 x 11.81 x 3.74 in (505 x 300 x 95 mm)/10.6 lb (4.8 kg)

## Warranty

90-day limited hardware warranty (US)

## Ordering information

### What's in the box?

- HP Scanjet 4850 Photo Scanner
- Hi-Speed USB cable—compliant with USB 2.0 specifications
- Power supply
- Power cord(s)
- Built-in slide and negative adapter (TMA)
- User's manual
- Setup poster
- Warranty sheet
- HP Image Zone Software for Windows<sup>®</sup> and Macintosh

### HP Product

HP Scanjet 4850 Photo Scanner

### Part Number

L1950A



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