



## hp photosmart 850 digital camera



## datasheet

Get brilliant photos near and far with the HP Photosmart 850 digital camera. With 56x total zoom (8x optical, 7x digital) and 4.1 MP resolution you will get outstanding close-ups and beautiful quality for prints up to 20x30-inches. Then use hp instant share to select on your camera where photos will go—including e-mail addresses, printers and more. Choose the automatic mode or manual controls to select camera settings for ISO exposure, white balance, and more. And you can capture moments in sound and motion using the video clip with audio feature!

### brilliant photos near and far

- 56x total zoom with 8x optical, 7x digital—4.1 MP total resolution

### hp instant share

- select on your camera where photos will go the next time you connect to your PC—with up to 14 destinations including e-mail addresses, printers and more

### control your camera settings

- you choose—use the automatic or manual controls for ISO, exposure, white balance and more
- electronic viewfinder for enhanced framing of your photos

### capture sound and motion

- record memories using video clip with audio feature
- audio capture with still photographs

### docking capability

- download, print, e-mail or display your digital photos on your TV in one easy step using optional HP Photosmart 8881 Digital Camera Dock (not included, purchase separately)
- in-camera battery charging using optional hp digital camera dock (not included, purchase separately)

### direct printing

- easily print photos by connecting directly to your compatible hp printer via included USB cable—no PC required

### great photo features

- store more—16 MB Secure Digital (SD) memory card included
- hp photo & imaging software—one easy-to-learn-and-use software application for all your hp digital imaging product
- hp memories disc creator software—create your own digital photo slide shows and view them on a PC or TV with DVD player, plus organize and store your digital photos on CD, and print your favorite photos
- take great looking photos with no guesswork using auto exposure, auto flash and red eye reduction
- save battery power with optional AC adapter (not included, purchase separately)
- automatic focus for close-ups and panoramic views

### easy connection and support

- one-year limited warranty backed by hp customer care
- works with USB compatible PCs and Macs with popular operating systems, including: Microsoft® Windows® XP Professional and Home Edition, Me, 2000 Professional, 98, Mac® OS 9.1 or OS X 10.1.2 or higher

# hp photosmart 850 digital camera

## technical specifications

### HP Imaging Technology

HP Instant Share Technology, HP Photo & Imaging Software with HP Memories Disc Creator

### Resolution

4.13 MP total resolution, 3.92 MP effective resolution, 2384 x 1734 total pixels; 2280 x 1720 effective pixels, 2272 x 1712 recorded pixels

### Color Depth

36 bit-color

### Sensor

1/1.8" CCD

### Memory

16 MB Secure Digital (SD) card, number of pictures per 16 MB memory:  
best\*\*\*: 5 photos (2.6 MB/2272 x 1712 pixels) = 4 MP  
better\*\* : 13 photos (1 MB/2272 x 1712 pixels) = 4 MP  
good\* : 26 photos (500 KB/2272 x 1712 pixels) = 4 MP  
good\* : 71 photos (1 MB/1136 x 848 pixels) = 1 MP

### Memory Card Compatibility

Secure Digital/MultiMedia (SD/MMC)

### View Finder

electronic viewfinder (EVF), microdisplay TTL (through the lens)

### Lens System

glass aspheric lens, Autofocus, 8x optical zoom, 7.6 - 61 mm, F2.8 - 3.1

### Focal Length

7.6 to 61 mm

### Lens Focal Range

~500 mm to infinity (wide), ~900 mm to infinity (telephoto), ~100 mm - 700 mm (macro wide)

### Zoom

56x (8x Optical, 7x Digital)

### Shutter Speed Range

16 to 1/2000 sec

### Exposure

exposure rating: ISO 100 and 200; exposure mode: auto (default), action, landscape, portrait, aperture priority, shutter priority; exposure value compensation: +/- 3 in 1/2 EV stops

### Aperture

settings: automatic and manual, range: f2.8 to 11 (wide), f3.1 to 11 (telephoto)- continuously variable in 1/2 EV steps

### Flash

auto, forced off, auto w/red eye, forced on, night, night with red eye

### White Balance

auto (default), sun, shade tungsten, fluorescent, manual

### Shooting Mode

single shot, self timer (10 sec), movie (video-clip) mode

### Focus

normal and macro

### Image Control Functions

color (color, b&w, sepia), print matching with EXIF 2.2

### Compression

JPEG

### Frame Rate

15 fps

### Metering

TTL

### Sound Capture

30 sec

### Video

format:MPEG; video resolution: sub 1/4 VGA (288 x 216); max size and length: 8 MB, 60 sec

### LCD Display

2 in. (5 cm) backlit color LCD display for capture, instant review and review of photos; electronic viewfinder with eye start and diopter adjust for capture and instant review only

### External I/O Ports

1 USB, 1 AC in, 1 docking station port, 1 AV

### Connectivity

Secure Digital memory card slot, USB cable mini-b, dock connector, AC power connector, AV stereo jack

### Direct Printing Capability

compatible with hp photosmart printers, hp psc2110, 2210 all-in ones and USB-enabled hp deskjet printers via included USB cable

### Power Supply

4 AA batteries (included), rechargeable NiMH batteries (not included), or optional AC adapter (not included)

### Compatible Operating Systems

Microsoft® Windows® XP Professional or Home edition, Me, 2000 Professional or 98, 300 MB available disk space; Macintosh® OS 9.1, or OS X 10.1.2 or higher, 150 MB available disk space

### System Requirements, Minimum

CD-ROM drive, 64 MB RAM, SVGA monitor (800 x 600, 16-bit color), USB port, hp memories disc creator software requires CD writer, and 700 MB additional hard disk space for Microsoft Windows: PC with Pentium II processor, Celeron or compatible; Microsoft Windows XP Professional or Home Edition, Me, 2000 Professional or 98, 300 MB additional disk space; for Macintosh: PowerPC processor (includes iMac), Mac OS 9.1 or OS X 10.1.2 or higher, 150 MB available disk space

### Operating Environment

operating temperature range: 41 to 113° F, 5 - 45° C; humidity range (RH) recommended operating: 15 to 85%; storage temperature: -22 to 158° F, -30 - 70° C

### Dimensions (W x D x H)

4.5 x 3.3 x 3.3 in (114 x 85 x 83 mm)/0.856 lb (0.388 kg)

### Warranty Features

1 year limited hardware backed by hp customer care and support

## ordering information

### Q2190A photosmart 850 digital camera

HP Photosmart 850 digital camera, 16 MB SD memory card, neck strap, 4 AA eTitanium batteries, tethered lens cap, USB cable to PC, USB direct print cable, user's manual, dock insert for use with the optional hp photosmart 8881 digital camera dock (dock not included, purchase separately), CD with hp photo & imaging software for Microsoft Windows and Macintosh with hp share-to-web software and hp memories disc creator software, ArcSoft Fun-House for Microsoft Windows and Macintosh

### accessories

C8881A	HP photosmart 8881 digital camera dock
C8875A	AC adapter
Y1788A	accessory kit ( camera case, battery recharger, rechargeable batteries)

## for more information

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