



HP Photosmart R837 Digital Camera Datasheet

Get a thin, elegant camera with internal zoom, a big bright image display, plus anti-shake feature

- 7.2 MP for stunning photos up to poster size; 3 inch image display
- Get clear close-ups with 3x optical zoom, 8x digital
- Automatic red-eye removal,¹ slimming feature and new pet-eye fix



Superior photos with 7.2 MP and 3x optical zoom

- Take superior photos with 7.2 MP and 3x optical zoom that you can crop or enlarge up to poster size.
- Frame, review and edit shots on a big, bright, 3-inch image display with an extra-wide viewing angle.
- Enjoy great photos with industry-leading in-camera red-eye removal¹ and pet-eye fix.
- Get crisp, detailed photos with HP adaptive lighting technology and HP steady photo anti-shake mode.
- Get everything you need, including a long-lasting, rechargeable battery and 32 MB internal memory.

Get creative with fun, in-camera effects

- Slim your subjects and remove blemishes—in-camera—with a unique slimming feature and HP touch-up.
- Add on-camera personal touches to your photos using your favorite borders, colors and effects.
- Stitch breathtaking panoramic photos and save them for viewing and easy printing—no PC necessary.
- Take creative control of your photos with a full menu of manual controls and shooting modes
- Capture memories in high-quality video with audio—then save your favorite video stills as photos.

True-to-life HP prints, your way

- Enjoy quick photo organization for easy sharing—simply tag your photos using in-camera menus.
- Share your way—easily recharge, view photos on TV, print and e-mail using an optional dock²
- Get beautiful prints almost anywhere with a compatible HP Photosmart snapshot photo printer³
- Snap a photo and decide right away where to e-mail it using HP Photosmart Share.
- Effortlessly share, save and print photos, plus order prints online, using HP Photosmart Express.

¹For more information, please visit www.hp.com/go/noredeye

²HP Photosmart camera docks not included. Please purchase separately.

³HP Photosmart snapshot photo printer and internal battery for HP Photosmart snapshot photo printers not included. Please purchase separately.

Technical specifications

HP Real Life Technologies Features	HP steady photo, HP In-camera Red-eye Removal, HP Design Gallery (Slimming, Pet Eye Fix, Touch Up, Artistic Effects, Borders, Colors), Photo Tagging and Organization, HP Adaptive Lighting, HP In-camera Panorama Preview and Stitching, HP Adaptive Demosaic, HP Noise Filter, HP Preferred Photo Reproduction, HP Vignetting, Adaptive lighting bracketing
Imaging Technology	Adaptive lighting, AE bracketing, AE metering, EV compensation, image quality, ISO speed, video quality, white balance
Photo Resolution	7.2 MP; 3112 x 2328 pixels, Bit depth:36-bit
CCD Image Sensor Specifications	1/2.5-inch CCD; 3164 x 2342 total pixels; 3112 x 2328 effective pixels
Still Image Capacity¹	4 images; 3.6 MB file size; 3112 x 2328 resolution Better Mode: 5 images; 2.5 MB file size; 3112 x 2328 resolution Good Mode: 8 images; 1.8 MB file size
View Finder	None
Memory Compatibility/Slots	1 slot, Secure Digital (SD) and Secure Digital High Capacity (SDHC) compatible; Maximum memory per slot: 8 GB
Memory Maximum	32 MB (internal)
Storage Memory Capacity	32 MB internal memory, up to 5 photos [using the default Image Quality setting Normal, 7 MP (accepts SD cards up to 8 GB capacity)]
Lens System/Focus Capability	HP Precision Lens; 24x total zoom (3x optical, 8x digital); 6.5 to 19.6 mm focal length; approximately 39 to 118 mm (35 mm equivalent); f3.5 to f7.4 (wide); f4.2 to f8.8 (telephoto)
Zoom Capability	24x total zoom (3x optical, 8x digital)
Shutter/Burst Rate	10 to 1/2000 sec
Shot-to-shot time	1.5 sec
Exposure	Rating: Auto (default), ISO 100, 200, 400, Exposure Type: Automatic, Exposure Control: Average AE Metering (default), Spot AE Metering, Exposure Correction: +/- 2.0 EV in 1/2 steps
Aperture	Automatic, Range: f3.5 to f7.4 (wide), f4.2 to f8.8 (telephoto)
Flash Functions	Auto (default), Flash on, Flash off
Shooting Modes	Normal (default), Self timer, Self timer (2 shots), Burst, Video
Picture Modes	Action, Auto (default), Beach, Landscape, Macro, Night Portrait, Panorama left, Panorama right, Portrait, Snow, Sunset, Theatre, Steady Photo
Self Timer Wait Time	10 sec
Focus Capability	Normal, macro, landscape
Digital Focal Distance	Approximately 0.5 m to infinity (wide), 0.6 m to infinity (telephoto), 0.10 - 1.0 m (macro wide)
Focal Distance (35 mm equivalent)	Approximately 39 to 118 mm to infinity
Focal Length	6.5 to 19.6 mm focal length (equivalent to 39 to 118 mm)
Metering	TTL (through-the-lens)
Image Control Functions	Off, date only, date and time
Output File Format	JPEG (EXIF 2.2) for still images, M-JPEG for video
Image Compression	JPEG
Audio Capture Supported	Yes

LCD Display	3.0 in (diagonal) 7.62 cm bright indoor/outdoor viewable color LCD display
LCD Components	Picture capture icon, pictures remaining, battery status, focus brackets, Shooting mode, SD card, image quality level, self-timer information, Burst, Flash mode, white balance, ISO speed, exposure compensation, adaptive lighting, AE metering, exposure bracketing, digital zoom crop box, video icon and quality level, video counter, tag, date imprint
Control Panel	Front of camera: lens cover slider (power); Top of camera: 3 buttons and a slide switch (buttons: Shooting mode, Flash mode, Shutter; Slide switch: Picture Capture, Video Record, Playback). Back of camera: 5 buttons (Zoom, Menu/OK, Navigation, Back, Delete)
Standard Connectivity	1 USB cable, 1 HP Photosmart 5V AC adapter
External IO Ports	1 dock connector, 1 USB connector
Direct Print Capability	Yes (any PictBridge-enabled printer or all-in-one; does not apply to stitched panorama images or video)
Optional Connectivity	HP Photosmart 6221 Premium Camera Dock with DC input connector, USB connector, spare battery recharge bay and A/V connector
White Balance	Auto (default), Fluorescent, Shade, Sun, Tungsten
Product Weight	.39 lb (.18 kg) without batteries, .45 lb (.2 kg) with batteries
Product Dimensions (w x d x h)	Maximum: 3.91 x 1.06 x 2.54 with protrusions (99.3 x 27 x 64.5 with protrusions), Standard: 3.86 x 0.89 x 2.49 in without protrusions (98.1 x 22.6 x 63.3 mm without protrusions)
Power Features Description	Universal AC power adapter: 100- to 240-VAC (50/60 Hz) input; 5-VDC, 1000 mA output; Power source: 1 lithium ion rechargeable battery, AC adapter
Warranty	One-year limited warranty backed by HP's 24-hour, 7-days-a-week Customer Care, service and support, including 24-hour Web support at http://www.hp.com/go/support
What's in the box?	HP Photosmart R837 Digital Camera, HP Photosmart R07 Lithium-ion Rechargeable Battery, USB cable, Quick Start Guide, warranty/regulatory brochure, CD with HP Photosmart software for Microsoft Windows and Macintosh, User's Guide, wrist strap

For more information visit our website at www.hp.com



HP Product

HP Photosmart R837 Digital Camera

Accessories

HP Photosmart 6221 Premium Camera Dock	Q6221A
HP Photosmart Quick Recharge Kit for R-series Cameras	Q6270A
HP Photosmart R07 Lithium Battery	L1812A
HP Photosmart 5 Volt AC adapter	Q6223A
HP Photosmart Soft-Style Camera Case	Q6227A
HP Photosmart Premium Leather Camera Case	Q6225A
HP Photosmart Soft-Style Camera Case	Q6271A
HP Photosmart Soft-Style Camera Case	Q6228A
HP Photosmart Sport Camera Case	Q6266A
HP Photosmart Slim Camera Case	Q6265A
HP Photosmart Premium Camera Case	Q6267A
HP Photosmart A440 Printer Dock	Q8507A
HP Photosmart A516 Compact Photo Printer	Q7021A
HP Photosmart A616 Compact Photo Printer	Q7112A
HP Photosmart A716 Compact Photo Printer	Q7101A
HP Photosmart 4 GB Hi Speed SDHC CompactFlash Card	L1878A
HP Photosmart 2 GB SD Card	L1877A
HP Photosmart 1 GB SD Card	L1876A
HP Photosmart 512 MB SD Card	L1875A
HP Photosmart 256 MB SD Card	L1874A
HP Photosmart 128 MB SD Card	L1873A

Part Number

L2467A

These numbers are only a guideline; actual numbers will vary by use.

Audio with video is supported. Capture is limited to the size of the memory card or internal memory.

Maximum length is limited to the size of the memory card or internal memory.

Not all 32 MB of internal memory is available for storing images because some memory is used for internal camera operations. The actual file sizes and number of still images that can be stored in internal memory or on memory card will vary depending on the content of each still image and the length of an associated audio clip.

