



HP Photosmart M437 Digital Camera Datasheet

5MP with 3x optical zoom—a great first-time, easy-to-use digital camera

- 5MP for beautiful 4 x 6 prints and enlargements up to poster size, 2-inch image display
- Get clear, close-up shots from a distance, using 15x total zoom—3x optical, 5x digital
- Industry-leading in-camera red-eye removal¹



Beautiful photos at 5 MP and 3x optical zoom

- Snap photos at 5 MP for beautiful 4 x 6-inch prints and enlargements up to poster size.
- Zoom in for clear distance shots at up to 15x total zoom—3x optical, 5x digital.
- Easily see your photos—indoors or outside—on a bright 2.0-inch display.
- Get the photo you intended to take, using industry-leading in-camera red-eye removal.¹
- Get crisp, detailed photos with HP steady photo anti-shake mode.

Easily snap, edit and share photos

- Choose fun colors and borders to apply to your photos—in the camera—with HP Design Gallery.
- Get everything you need, including long-lasting batteries and 16 MB internal memory.
- Grab the camera and start snapping—intuitive buttons and easy menus make photo-taking a breeze.
- Snap your best shot with easy-to-use shooting modes, including theater, landscape, sunset, and more.
- Recording your moving memories is simple, using one-touch video with audio.

Your photos, your way

- Quickly store your favorite photos in a dedicated folder for easy sharing.
- Snap a photo and decide right away where to e-mail it, using HP Photosmart Share.
- Easily recharge and transfer photos to your PC or printer, using an optional dock.²
- Get beautiful prints almost anywhere with a coordinated HP Photosmart snapshot photo printer.³
- Get brilliant photos your way—without leaving home—using Snapfish, an online service of HP.⁴

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.

⁴Snapfish availability varies by region.;

Technical specifications

HP Real Life Technologies Features	HP In-camera Red-eye Removal, HP Design Gallery
Imaging Technology	Color, EV compensation, fast mode, image quality, ISO speed, white balance
Photo Resolution	5 MP, 2576 x 1920 pixels; Bit depth: 36-bit
CCD Image Sensor Specifications	1/2.5 inch CCD; 2592 x 1936 total pixels; 2576 x 1920 effective pixels
Still Image Capacity¹	Best Mode: 11 images; 0.94 MB file size; 2576 x 1920 resolution Better Mode: 27 images; 0.4 MB file size; 2576 x 1920 resolution Good Mode: 42 images; 0.25 MB file size; 2048 x 1536 resolution
Memory Compatibility/Slots	Secure Digital (SD) 1.1 compatible; 1 slot
Memory Maximum	16 MB (internal)
Storage Memory Capacity²	16 MB internal memory, capacity: up to 11 photos (accepts SD cards up to 2 GB capacity)
Lens System/Focus Capability	HP Precision Lens; 15x total zoom (3x optical, 5x digital); f2.8 (wide); f4.8 (telephoto)
Zoom Capability	15x total zoom (3x optical, 5x digital)
Shutter/Burst Rate	Automatic; 1 to 1/1000 sec/ 2 frames/sec, 3 pictures maximum
Shutter Setting/Lag	Automatic/ 0.5 sec
Shot-to-shot time	1.5 sec
Exposure Rating	Auto (default), ISO 100, 200, 400, 800 (with HP Steady Photo); Exposure Type: Automatic; Exposure Control: Center-weighted auto exposure metering (AE); Exposure Correction: +/- 2 EV in 1/2 steps
Aperture	Automatic; Aperture Range: f/2.8 to f/5.6 (wide), f/4.8 to f/9.7 (telephoto)
Flash Functions	Built-in; Auto (default), Auto with Red-eye Reduction, Flash off, Flash on
Flash Working Distance	10.2 ft wide, 5.9 ft telephoto at Auto ISO (3.1 m wide, 1.8 m telephoto at Auto ISO)
Shooting Modes	Self Timer Off (Default), Self timer, Burst mode, Video
Picture Modes	Auto Mode (default), Close Up, Steady Photo, Theatre, Landscape, Portrait, Action, Night Portrait, Sunset
White Balance	Auto
Self Timer Wait Time	10 sec
Focus Capability	Normal (default), macro
Digital Focal Distance	Approximately 0.3 m to infinity (normal), 0.35 m to infinity (telephoto), 0.05 to 0.8 m (macro wide), 0.35 to 1.2 m (macro telephoto)
Focal Distance (35 mm equivalent)	Approximately 34 to 102 mm to infinity
Focal Length	5.5 to 16.5 mm focal length (equivalent to 34 to 102 mm)
Metering	TTL (through-the-lens)
Image Control Functions	Off, date only, date and time imprinting
Output File Format	JPEG (Exif 2.2) for still images with embedded audio; Motion JPEG for video clips
Image Compression	JPEG
Audio Capture Supported	Yes; Audio Capacity³: Limited by available memory
Video Capability	Yes; Size/Length: Maximum length is limited to the size of the memory card or internal memory. Frame Rate: 30 fps; Resolution: QVGA 320 x 240; Format: Motion JPEG
LCD Display	5.08 cm bright indoor/outdoor viewable color LCD display; Display size: 2.0-in (diagonal); Display Resolution: 640 x 240 = 153600 pixels

LCD Components	Picture capture icon, pictures remaining, battery low status, focus brackets, SD card, image quality level, shooting mode, flash mode, self-timer information, burst, date and time imprint, digital zoom crop box, video record icon, video counter
Control Panel	Top: 2 buttons (Power, Shutter release); back: 8 buttons (Delete, Flash, 3-way switch (Liveview, Video Capture, Playback), Zoom In/Zoom Out, 4-way switch with Menu/OK button, Back)
Standard Connectivity	USB; Optional Connectivity: HP Photosmart 2200 Camera Charging Dock
External IO Ports	1 USB mini-B
Direct Print Capability	Yes (PictBridge-enabled printer or with HP Photosmart A440 Compact Photo Printer via docked camera)
Minimum System Requirements	PC: 200 MB DD, 200 MB available hard disk space, SVGA 800 x 600 monitor with 16-bit color, Windows XP Professional x64, CD-ROM drive, USB port; Mac: Mac OS X v 10.3.9, v 10.4; PowerPC G3, G4 and G5 processor or Intel Core processor; minimum 128 MB RAM, 256 MB recommended (required for Mac OS X v 10.4), 250 MB available hard disk space; built-in USB
Product Weight	0.4 lb (without batteries) 0.5 lb (with batteries) (0.18 kg (without batteries) 0.23 kg (with batteries))
Product Dimensions w x d x h	Maximum: 3.78 x 1.23 x 2.52 in (with protrusions); metric: 96.1 x 31.3 x 63.9 mm (with protrusions)
Operating Environment	Maximum Operating Temperature: 32 to 122° F (0 to 50° C); Storage Temperature: -22 to 149° F (-30 to 65° C); Humidity Recommended Operating Range: 15 to 85% RH; Storage Humidity: 15 to 90% RH; Operating Humidity: 15 to 85% RH
Power Features Description	Universal AC adapter: 100- to 240-VAC (50/60 Hz) input; 5 VDC, 2000 mA output; Power supply source: 2 AA alkaline (included), photo lithium, NiMH batteries or HP Photosmart 5V AC Adapter
Warranty	90-day limited warranty (US) 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 M437 Digital Camera, 2 alkaline AA batteries, USB cable, Quick Start Guide, warranty/regulatory brochure, CD with HP Photosmart software for Windows and Macintosh, User's Guide, wrist strap

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



HP Product HP Photosmart M437 Digital Camera Accessories

Part Number L2443A

HP Photosmart 2200 Camera Charging Dock	Q6262A
HP Photosmart Easy Recharge Kit for AA Cameras	Q6269A
HP Photosmart Sport Camera Case	Q6266A
HP Photosmart Soft-Style Camera Case	Q6227A
HP Photosmart Soft-Style Camera Case	Q6228A
HP Photosmart Soft-Style Camera Case	Q6271A
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 Slim Camera Case	Q6265A
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

¹These numbers are only a guideline; actual numbers will vary by use.

²Not all 16 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.

³Limited by available memory

