

HP Photosmart M517 Digital Camera with HP Instant Share

Datasheet



Take exceptional photos that make beautiful 4x6-inch prints and enlargements up to poster-size. Get crisp detail at 5.2 MP resolution and 24x total zoom—HP Precision 3x optical lens, 8x digital. This easy-to-use camera features exclusive HP Real Life technologies to help you take better photos. Remove red-eye as you take photos, or enable HP adaptive lighting to automatically bring out details normally lost in shadows.

Snap photos easily using an intuitive button layout. A unique grip steadies the camera for one-handed shots. View shots on a bright, 2-inch image display. Edit on your PC using included HP Image Zone software, then e-mail photos, without attachments, using HP Instant Share. Store photos using 32 MB internal memory or an optional SD/MMC card.¹ Shoot video, take a series of photos in burst mode, or capture fleeting shots with minimal shutter lag in fast shot mode. View a slide show on TV and more with an optional dock.² Rechargeable NiMH batteries and AC adapter included.

¹Not included; please purchase separately.

²HP Photosmart M-series dock not included; please purchase separately.

Take exceptional photos at 5.2 MP and 24x total zoom, then preview on a 2-inch image display.

Take exceptional photos

Snap crisp, sharp photos that make beautiful 4x6-inch prints and enlargements.

- Snap exceptional photos at 5.2 MP resolution that make beautiful 4x6-inch prints and enlargements.
- Get crisp and clear distance shots with 24x total zoom—HP Precision 3x optical lens, 8x digital.
- Remove red-eye on the spot—the camera identifies and eliminates red-eye without software touch-ups.
- Automatically bring out details normally lost in shadows with HP adaptive lighting technology.

Easy-to-use design

View photos on a large, 2-inch image display and take quick, one-handed shots.

- Easily frame and view photos, menus and more—indoors or out—on a bright, 2-inch image display.
- A stylish, easy-to-use design features a grip for one-handed shots and an intuitive button layout.
- With 32 MB internal memory and a slot for an optional SD/MMC card,¹ easily store dozens of photos.
- Get crisp photos, fast! Fast shot mode captures quick, fleeting shots with minimal shutter lag.

Share your photos your way

Automatically e-mail photos to friends, without large attachments, and print.

- Select where to send photos as you take them—then e-mail without attachments using HP Instant Share.
- Easily edit, organize, print and share digital photos using included HP Image Zone software.
- Easily transfer, print, e-mail photos and more using an optional dock—recharge batteries too!²
- Print PC-free directly from optional SD/MMC cards,¹ or to any PictBridge-enabled printer.

More options with your camera

Pick your power source, shoot video clips, and store dozens of photos.

- Use either included rechargeable NiMH batteries and AC adapter, or disposable batteries.
- Never miss a moment—shoot video clips with audio, or take a series of photos in rapid succession.
- With 32 MB internal memory and a slot for an optional SD/MMC card,¹ easily store dozens of photos.
- Choose from a wide variety of optional accessories—dock, cases, quick recharge kits and more.¹

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Technical specifications

HP Real Life Technologies	HP Adaptive Lighting, HP In-camera Red-eye Removal
Manual Controls	EV compensation, image quality, white balance; ISO speed, Fast mode, AE metering, color, saturation, sharpness, contrast, AE bracketing
Photo Resolution	5.2 MP; 2620 x 1984 pixels
Bit depth	36-bit
CCD Image Sensor	1/2.5-in CCD; 2690 x 1994 total pixels; 2620 x 1984 effective 288pixels
Still Image Capacity	Best: 11 images, 2.5 MB file size, 2576 x 1944 resolution; Better: 18 images, 1.6 MB file size, 2576 x 1944 resolution; Good: 26 images; 1.1 MB file size; 2048 x 1536 resolution
Memory Card Compatibility	SecureDigital (SD), MultiMediaCard (MMC); Memory per slot (maximum): 1 GB
Memory	32 MB (internal)
View Finder	Zooming optical view finder
Lens System	HP Precision Lens: 24x total zoom; 3x optical; 8x digital; 6 to 18 mm focal length; approximately 36 to 108 mm (35 mm equivalent); f2.9 to f4.9 (wide); f4.8 to f8 (telephoto)
Digital Focal Distance	Approximately 0.5 m to infinity (normal), 0.1 to 0.8 m (macro)
Zoom Capability	24x (3x optical, 8x digital)
Shutter Speed	2 to 1/2000 sec
Exposure	Rating: Auto (default), 100, 200, 400; Type: Manual, automatic; Control: Center weighted auto exposure metering (AE); Correction: +/- 2.0 EV in 1/2 steps
Aperture	Setting: Automatic; Range: f2.8 to f4.9 (wide), f4.8 to f8.0 (telephoto)
Flash	Availability: Built-in; Functions: Auto (default), Auto with red-eye reduction, Flash off, Flash on, Night; Working Distance: 12.5 ft (wide), 7.2 ft (telephoto) at auto ISO, 3.8 m (wide), 2.2 (telephoto) at auto ISO
Picture Mode	Auto (default), Macro, Fast shot, Action, Portrait, Landscape, Beach and Snow
Self Timer Wait Time	10 sec
Burst Rate	2 frames/sec, 3 pictures maximum
Shutter Setting	Automatic; Shutter lag: 0.85 sec
Shooting Modes	Still (default), Self timer, Self timer (2 shots), Burst, Video
Focus Capability	Normal (default), macro
Image Control Functions	Date and time imprinting
Output File Format	JPEG (EXIF 2.2) for still images with embedded audio; MPEG-1 for video clips; Image compression: JPEG
Metering	TTL (through-the-lens)
Sound Capture	Yes, limited by available memory*
Video	Format: MPEG-1; Resolution: QVGA 320 x 240; Max length: limited to the size of the memory card or internal memory; Frame rate: 30 fps
LCD Display Specifications	5.08 cm (2.0 in) LCD display; 557 x 234 = 130338 dots (diagonal display size)
Control Panel	Top of camera: 2 buttons (Video, Shutter release); back of camera: 10 buttons (4-way rocker with OK, Zoom in, Zoom out, Live view, Playback, Picture mode, Self-timer/Burst, Flash, Instant Share/Print, Power)
Standard Connectivity	1 USB; External IO ports: 1 USB, 1 dock port; Optional connectivity: HP Photosmart M-series dock
Direct Print Supported	Yes, to any PictBridge-enabled printer

*Audio limit applies to audio with still image capture. Audio with video capture is limited to the size of the memory card or internal memory.

Compatible Operating System

Microsoft® Windows® 98, 98 SE, Me, 2000, XP (Home and Professional Editions); Macintosh OS X v 10.2 and later

Minimum System Requirements

For PC: USB-compatible PC with Microsoft Windows 98, 98 SE, Me—Pentium II (233 minimum) and equivalent Celeron or compatible; 64 MB RAM, 200 MB disk space; Windows 2000, XP Home and Professional Editions—Pentium II (233 minimum) and equivalent Celeron or compatible; 128 MB RAM, 400 MB disk space; SVGA monitor (800 x 600, 16-bit color); CD-ROM drive, Internet Explorer 5.01 with Service Pack 2 or later, open USB port compatible with USB 2.0 specifications; **For Mac:** USB-compatible Macintosh computer with Mac OS X v 10.2.x or later, 500 MHz PowerPC processor; QuickTime Version 5.0.1 or later; 128 MB RAM; 240 MB disk space; SVGA monitor (800 x 600, 16-bit color); CD-ROM drive; open USB port

PC Requirements (recommended)

Pentium 4 or faster; 256 MB RAM, sound card, Internet access with Internet Explorer 6 or higher; Acrobat Reader 5 or higher; 1024 x 768, 24-bit color; 2 GB of disk space

Dimensions (w x d x h)

4.3 x 1.46 x 2.09 in (110 x 37 x 53 mm) without lens extended; 4.3 x 2.17 x 2.09 in (110 x 55 x 53 mm) with lens extended

Weight

0.32 lb (0.15 kg) without batteries, 0.38 lb (0.17 kg) with batteries

Temperature

Storage range: -22 to 149° F (-30 to 65° C); **Maximum operating:** 32 to 122° F (0 to 50° C)

Humidity Recommended Operating Range

15 to 85% RH

Power Features Description

Universal AC power adapter: 100 to 240 VAC (50/60-Hz) input; 3.3 VDC, 2500 mA output

Power Supply Source

2 AA alkaline, photo lithium, or NiMH batteries; HP Photosmart 3.3 VAC Adapter

Battery Life

Alkaline: 50 shots (maximum), approximately 100 shots (average); NiMH: 150 shots (maximum), approximately 225 shots (average); photo lithium: 300 shots (maximum), approximately 500 shots (average)

Warranty

One-year limited warranty backed by HP's 24-hour, 7-days-a-week Customer Care, service and support; HP Customer Care, including 24-hour web support at www.hp.com/go/support

Product Number: L1901A

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Ordering Information

	Part Number
HP Photosmart M517 Digital Camera with HP Instant Share	L1901A
HP Photosmart M517xi Digital Camera with HP Instant Share	L1904A
Accessories	
HP Photosmart M-series Dock	C8907A
HP Photosmart M-series Quick Recharge Kit	L1815A
HP Photosmart 3.3V AC Adapter	C8912B
HP Photosmart Digital Camera Black Sport Case	Q6216A
1 GB Secure Digital memory card	L1876A
512 MB Secure Digital memory card	L1875A
256 MB Secure Digital memory card	L1874A
128 MB Secure Digital memory card	L1873A
64 MB Secure Digital memory card	L1872A

Ordering information

What's in the box?

- HP Photosmart M517 Digital Camera with HP Instant Share
- HP Photosmart 3.3V AC power adapter
- Two NiMH rechargeable AA batteries
- USB cable for connecting camera to PC or PictBridge certified printer
- Warranty and regulatory brochure
- User's manual
- Quick start guide
- CD with HP Image Zone software for Microsoft Windows and Macintosh; American Greetings Create and Print Greeting Cards software (English only, Windows only)
- Wrist strap



Product Number: L1901A

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