

# 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.<sup>1</sup> 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.<sup>2</sup> Rechargeable NiMH batteries and AC adapter included.

<sup>1</sup>Not included; please purchase separately.

<sup>2</sup>HP 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,<sup>1</sup> 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!<sup>2</sup>
- Print PC-free directly from optional SD/MMC cards,<sup>1</sup> 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 a take a series of photos in rapid succession.
- With 32 MB internal memory and a slot for an optional SD/MMC card,<sup>1</sup> easily store dozens of photos.
- Choose from a wide variety of optional accessories—dock, cases, quick recharge kits and more.<sup>1</sup>

<sup>1</sup> Not included; please purchase separately.

<sup>2</sup> HP Photosmart M-series dock not included; please purchase separately.

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## Technical specifications

<b>HP Real Life Technologies</b>	HP Adaptive Lighting, HP In-camera Red-eye Removal
<b>Manual Controls</b>	EV compensation, image quality, white balance; ISO speed, Fast mode, AE metering, color, saturation, sharpness, contrast, AE bracketing
<b>Photo Resolution</b>	5.2 MP; 2620 x 1984 pixels
<b>Bit depth</b>	36-bit
<b>CCD Image Sensor</b>	1/2.5-in CCD; 2690 x 1994 total pixels; 2620 x 1984 effective pixels
<b>Photo Storage (internal memory)</b>	32 MB
<b>Still Image Capacity</b>	<b>Best:</b> 11 images, 2.5 MB file size, 2576 x 1944 resolution; <b>Better:</b> 18 images, 1.6 MB file size, 2576 x 1944 resolution; <b>Good:</b> 26 images; 1.1 MB file size; 2048 x 1536 resolution
<b>Memory Card Compatibility</b>	SecureDigital (SD), MultiMediaCard (MMC); <b>Memory per slot (maximum):</b> 1 GB
<b>View Finder</b>	Zooming optical view finder
<b>Lens System</b>	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)
<b>Digital Focal Distance</b>	Approximately 0.5 m to infinity (normal), 0.1 to 0.8 m (macro)
<b>Zoom Capability</b>	24x (3x optical, 8x digital)
<b>Shutter Speed</b>	2 to 1/2000 sec
<b>Exposure</b>	<b>Rating:</b> Auto (default), 100, 200, 400; <b>Type:</b> Manual, automatic; <b>Control:</b> Center weighted auto exposure metering (AE); <b>Correction:</b> +/- 2.0 EV in 1/2 steps
<b>Aperture</b>	<b>Setting:</b> Automatic; <b>Range:</b> f2.8 to f4.9 (wide), f4.8 to f8.0 (telephoto)
<b>Capture Mode</b>	Still (default), Self timer, Self timer (2 shots), Burst, Video
<b>Burst Rate</b>	2 frames/sec, 3 pictures maximum
<b>Self Timer Wait Time</b>	10 sec
<b>Shutter Setting</b>	Automatic; <b>Shutter lag:</b> 0.85 sec
<b>Shooting Modes</b>	Auto (default), Macro, Fast shot, Action, Portrait, Landscape, Beach, Snow
<b>Focus Capability</b>	Normal (default), macro
<b>Image Control Functions</b>	Date and time imprinting
<b>Output File Format</b>	JPEG (EXIF 2.2) for still images with embedded audio; MPEG-1 for video clips; <b>Image compression:</b> JPEG
<b>Metering</b>	TTL (through-the-lens)
<b>Sound Capture</b>	Yes, limited by available memory*
<b>Video</b>	<b>Format:</b> MPEG-1; <b>Resolution:</b> QVGA 288 x 216; <b>Max length:</b> limited to the size of the memory card or internal memory; <b>Frame rate:</b> 30 fps
<b>LCD Display Specifications</b>	5.08 cm (2.0 in) LCD display; 557 x 234 = 130338 dots (diagonal display size)
<b>Control Panel</b>	<b>Top:</b> 2 buttons (Video, Shutter release); <b>back:</b> 10 buttons (4-way rocker with OK, Zoom in, Zoom out, Live view, Playback, Picture mode, Self-timer/Burst, Flash, Instant Share/Print, Power)
<b>Standard Connectivity</b>	1 USB; <b>External IO ports:</b> 1 USB, 1 dock port; <b>Optional connectivity:</b> HP Photosmart M-series dock
<b>Direct Print Supported</b>	Yes, to any PictBridge-enabled printer or all-in-one

\*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

**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; **Macintosh:** 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](http://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
<b>Accessories</b>	
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 Cards	L1876A
512 MB Secure Digital Cards	L1875A
256 MB Secure Digital Cards	L1874A
128 MB Secure Digital Cards	L1873A
64 MB Secure Digital Cards	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



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