

HP Photosmart M417 Digital Camera with HP Instant Share

Datasheet



Take exceptional photos that make beautiful 4 x 6-inch prints and enlargements up to poster-size. Get crisp detail at 5 MP resolution and 21x total zoom—HP Precision 3x optical lens, 7x digital. This easy-to-use camera features HP Real Life technologies to help you take better photos. Automatically bring out details normally lost in shadows using HP Adaptive Lighting and remove red-eye in-camera. Snap photos easily using an intuitive button layout. A unique, sculpted grip keeps the camera steady for one-handed shots. View shots on a bright, 1.8-inch image display. E-mail photos to friends—without large attachments—using HP Instant Share. Edit, share, and organize photos with included HP Image Zone software. Easily transfer and print photos, recharge in-camera batteries, and more using an optional dock.¹ Store photos with 16 MB internal memory and an optional SD/MMC card.² Shoot video clips or a series of photos in Burst mode. Get the perfect shot at the exact moment in Fast Shot mode.

¹HP Photosmart M-series dock not included; please purchase separately.

²Not included; please purchase separately.

Take exceptional photos easily at 5 MP and 21x total zoom—3x optical, 7x digital—to print and share.

Take exceptional photos

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

- Snap exceptional photos at 5 MP resolution that make beautiful 4x6-inch prints and enlargements.
- Get crisp and clear distance shots with 21x total zoom—HP Precision 3x optical lens, 7x 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, 1.8-inch image display and take quick, one-handed shots.

- Easily frame and review photos, menus and more on a bright, 1.8-inch image display.
- A stylish, easy-to-use design features a grip for one-handed shots and an intuitive button layout.
- Get perfect 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.
- Edit, organize, print and share digital photos easily 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 using optional SD/MMC cards¹ or to any compatible PictBridge printer.

More options with your camera

Store dozens of photos, shoot video clips, recharge quickly and more.

- Pick your power source—rechargeable NiMH batteries or disposable AA photo lithium batteries.
- Never miss a moment—shoot video clips with audio, or take a series of photos in rapid succession.
- With 16 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
Photo Resolution	5.19 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 pixels
Photo Storage (internal memory)	16 MB
Still Image Capacity (Best Mode)	Internal memory: 5 images, 2.5 MB file size, 2576 x 1944 resolution
Still Image Capacity (Better Mode)	Internal memory: 11 images, 1.6 MB file size, 2576 x 1944 resolution
Still Image Capacity (Good Mode)	Internal memory: 11 images, 1.1 MB file size, 2048 x 1536 resolution; 22 images, 550 KB file size; VGA: 92 images, 140 KB file size, 640 x 480 resolution
Memory Card Compatibility	SecureDigital (SD), MultiMediaCard (MMC); Memory per slot (maximum): 1 GB
View Finder	Zooming optical viewfinder
Lens System	HP Precision optical lens; 21x total zoom; 3x optical; 7x digital; 6 to 18 mm focal length; approximately 36 to 108 mm (35 mm equivalent); f2.8 to f4.9 (wide); f4.8 to f8.0 (telephoto)
Digital Focal Distance	Approximately 0.5 m to infinity (normal), 0.1 to 0.8 m (macro)
Zoom Capability	21x (3x optical, 7x digital)
Shutter Speed	2 to 1/2000 sec
Exposure	Rating: ISO 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: f2.9 to f4.9 (wide), f4.8 to f8.0 (telephoto)
Flash Availability	Built-in
Flash Functions	Auto (default), On, Off, Red-eye, Night
Flash Working Distance	US: Wide: 9.2 ft at ISO 100, 13.1 ft at ISO 200, 18.5 ft at ISO 400; telephoto: 5.5 ft at ISO 100, 7.8 ft at ISO 200, 11.1 ft at ISO 400; metric: Wide: 2.8 m at ISO 100, 4.0 m at ISO 200, 5.7 m at ISO 400; telephoto: 1.7 m at ISO 100, 2.4 m at ISO 200, 3.4 m at ISO 400
Capture Mode	Normal (default), Self-timer, Self-timer (3 shots), Burst, Video
Burst Rate	2 shots/sec, 3 pictures maximum
Self Timer Wait Time	10 sec
Shutter Setting	Automatic; Shutter lag: 1 sec
Shooting Modes	Auto (default), Action, Landscape, Portrait, Macro, Fast Shot
Focus Capability	Normal (default), macro
Image Control Functions	Date and time imprinting
Output File Format	JPEG (EXIF 2.2) for still images; 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 288 x 216; Max length: limited to the size of the memory card or internal memory; Frame rate: 15 fps
LCD Display Specifications	1.8-in diagonal display size LCD; 557 x 234 = 130338 dots
Control Panel	Top: 2 buttons (Video, Shutter release); back: 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 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

PC Requirements (minimum)

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; open USB port; Internet Explorer 5.01 with Service Pack 2 or later

Macintosh Requirements (minimum)

USB-compatible Macintosh computer with Mac OS X 10.1.5, 10.2.x or later, 10.3.x; 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

US: 4.2 x 2.1 x 1.4 in; **metric** 107 x 53 x 36 mm

Weight

US: 5.3 oz (without batteries), 6.2 oz (with batteries); **metric** 149 grams (without batteries), 177 grams (with batteries)

Maximum Operating Temperature

32 to 122° (Fahrenheit); 0 to 50° (Celsius)

Temperature Storage Range

-22 to 149° (Fahrenheit); -30 to 70° (Celsius)

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 photo lithium or NiMH batteries or HP Photosmart 3.3 V AC Adapter

Battery Life

Alkaline: 75 shots (maximum), approximately 150 shots (average); NiMH: 175 shots (maximum), approximately 375 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: L2011A

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Ordering Information	Part Number
HP Photosmart M417 Digital Camera with HP Instant Share	L2011A
HP Photosmart M417xi Digital Camera	L2014A
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 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

What's in the box

- HP Photosmart M417 Digital Camera with HP Instant Share
- Two AA Photo Lithium batteries
- Warranty and regulatory brochure
- User's Manual CD with HP Image Zone software for Microsoft Windows and Macintosh; American Greetings Create and Print Greeting Cards software (English only, Windows only)
- USB cable for connecting camera/dock to PC or PictBridge certified printer
- Wrist strap



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