



hp photosmart 945
digital camera with
hp instant share™



datasheet

The HP Photosmart 945 digital camera with HP Instant Share™ delivers sharp photos and big zoom with 5.3 MP total resolution and 56x total zoom (8x precision optical lens, 7x digital). Snap, select and share photos right from the back of your camera using HP Instant Share™—the easy and fun way to share photos with family and friends. Instantly preview photos anywhere—even outdoors in bright sunlight—with the electronic viewfinder, and use the automatic or manual controls to get the results you want for more creative shots. And with the touch of a single button—easily and conveniently send photos and video to various locations using the optional HP Photosmart 8881 dock*, all while recharging your camera batteries!

sharp photos and big zoom

- capture crisp photos with 5.3 MP total resolution and 56x total zoom (8x precision optical lens, 7x digital)
- take great-looking photos with no guesswork with automatic settings—no worrying about light levels, shutter speeds or exposure times

HP Instant Share

- snap a photo and select your favorite destinations right from the back of the camera—email, printers, and more

create the results you want

- use the automatic or manual controls for ISO, exposure, white balance and more with on-camera help wizards
- hp memories disc creator software—create your own digital photo slide shows and view them on a PC or TV with DVD player, plus organize and store your digital photos on CD***, and print your favorite photos
- hp photo & imaging software—enhance, manage, share and print memories with one easy-to-use application for all your hp digital imaging products

frame it up

- instantly preview photos anywhere - even outdoors in bright sunlight—with the electronic viewfinder, and save battery power
- quickly view photos and video on the 2-inch color LCD screen

docking capability

- the optional hp photosmart 8881 camera dock* connects easily to your PC or TV and recharges your camera batteries

great photo features

- no PC required—easily print photos directly from your camera to hp photosmart printers and select all-in-ones via included USB cable
- record memories using video-clip feature with audio
- store more—32 MB Secure Digital (SD) memory card included, plus card slot can accept SD and MMC cards
- save battery power with optional AC adapter***

easy connection and support

- works easily with USB compatible PC and Mac®
- 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

* hp photosmart 8881 camera dock not included; please purchase separately

** CD-writer required

*** AC adapter not included; purchase separately

hp photosmart 945 digital camera with hp instant share™

technical specifications

HP Imaging Technology

white balance (auto, sun, shade, tungsten, fluorescent, manual), AE metering (average, center-weighted, spot), ISO speed (auto, 100, 200, 400), color (full color, black and white, sepia), resolution (5 MP, 1 MP), compression (best, better, good), saturation (low, medium, high), sharpness (low, medium, high), contrast (low, medium, high), HP Adaptive Lighting Technology (helps light the details lost in shadows)

Resolution

5.26 MP total resolution, 5.08 MP effective resolution

Color Bit Depth

36-bit color

Sensor

1/1.8" CCD; 2668 x 1970 total pixels; 2608 x 1952 effective pixels

Memory, Std.

32 MB SD (Secure Digital) card included; capacity: 96 photos (accepts Secure Digital cards of other capacities; number of pictures per 32 MB memory: best: 11 images (2.6 MB file size/2608 x 1952 pixels) = 5 MP; 23 images (1.25 MB file size/1296 x 976 pixels) = 1 MP better: 23 images (1.25 MB file size/2608 x 1952 pixels) = 5 MP; 48 images (600 KB file size/1296 x 976 pixels) = 1 MP good: 48 images (600 KB file size/2608 x 1952 pixels) = 5 MP; 96 images (300 KB file size/1296 x 976 pixels) = 1 MP

Memory Card Compatibility

Secure Digital (SD) and Multi Media Card (MMC) memory cards

View Finder

TTL 1/4 VGA color sequential microdisplay view finder with diopter control

Lens System

Fuji Photo Optical Co. Ltd., autofocus, 8x optical zoom 7.6 - 61 mm, F2.8 -3.1

Focal Length

7.6 to 61 mm (35 mm equivalent: 37 to 300 mm to infinity)

Lens Focal Range

digital focal range: approx. 0.5 m to infinity (wide), approx. 0.9 m to infinity (telephoto), approx. 0.1 m - 1.0 m (macro wide)

Zoom

56x total zoom (8x optical, 7x digital)

Shutter Speed Range

1/6 to 1/2000 sec
setting: manual and automatic

Exposure

type: manual and automatic; rating: auto (default), ISO 100, 200, 400
picture mode: portrait, landscape
correction: +/- 3 EV in 1/3 steps

Aperture

settings: automatic and manual, range: f2.8 to f11 (wide), f3.1 to f11 (telephoto)

Flash

built-in flash; modes: flash off, auto, auto w/ red eye reduction, flash on, flash on w/ red eye reduction; night; night w/ red eye reduction; working distance: 8.2 ft wide (ISO 100), 4.3 ft tele (ISO 100), 11.5 ft wide (ISO 200), 6.2 ft tele (ISO 200), 16.7 ft wide (ISO 400), 8.2 ft tele (ISO 400)

White Balance

auto (default), sun, shade, tungsten, fluorescent, manual

Shooting Mode

normal, self timer (10 sec wait time), self timer two-shot, burst mode

Focus

normal, macro, infinity, manual focus

Compression

JPEG (EXIF 2.2)

Frame Rate

15 fps

Metering

TTL

Sound Capture

up to 60 sec

Video

format: MPEG1; video resolution: sub QVGA (288 x 208); max size and length: 8 MB, up to 60 sec video capture

LCD Display

2 in. LCD display size, 557 x 324 = 180,468 dots

External I/O Ports

1 USB mini B, 1 AC, 1 docking station (AC adapter, docking station not included, please purchase separately)

Connectivity

1 USB port; 1 AV; 1 dock connector; SD card slot

Direct Printing Capability

compatible with hp photosmart printers, select hp all-in-ones and USB-enabled hp deskjet printers via included USB cable

Power Supply

4 AA, Ni-MH or photo-lithium batteries, optional AC adapter, or optional dock (not included, purchase separately); AC adapter power source: 100 to 240 VAC (50 to 60 Hz input), 6.2 VDC, 2000 mA output

Compatible Operating Systems

Microsoft® Windows® 98, Me, XP or 2000; Mac® OS 9.1, OS X 10.1.5 and higher

Minimum System Requirements

CD-ROM drive, 128 MB RAM, SVGA 800 x 600, 16-bit color display, open USB port; hp memories disc creator software requires CD-writer and 700 MB additional hard disk space

For Microsoft Windows: USB-compatible PC with Microsoft Windows 98, Me, XP or 2000; Pentium® II, Celeron® or compatible CPU; Internet Explorer 5.01 SP2 or later, 1 GB of disk space

For Macintosh: USB-compatible Macintosh computer with Mac OS 9.1 and higher, OS X 10.1.5 or higher; 233 MHz PowerPC

Operating Environment

maximum operating temperature range: 41 to 113° F (5 to 45° C)
storage temperature: -22 to 158° F, (-30 to 70° C)
humidity range (RH) recommended operating: 15 to 85%

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

Dimensions (w x d x h)/Weight

4.84 x 3.35 x 3.35 in (123 x 85 x 85 mm)/13.7 oz without batteries (389 g) or 15.7 oz with batteries (444.4 g)

ordering information

hp photosmart 945 digital camera Q2200A

What's in the box?

hp photosmart 945 digital camera with hp instant share; 32 MB Secure Digital (SD) memory card; 4 AA photo lithium batteries; USB cable for camera to PC; USB cable for camera to printer; user's manual and quick start poster where required; neck strap; dock insert for use with optional hp photosmart 8881 camera dock (dock not included, please purchase separately); CD with hp photo & imaging software for Microsoft Windows and Macintosh and hp memories disc creator; ArcSoft Funhouse

hp photosmart 945xi digital camera Q2201A

What's in the box?

hp photosmart 945 digital camera with hp instant share; 32 MB Secure Digital (SD) memory card; 4 AA photo lithium batteries; USB cable for camera to PC; USB cable for camera to printer; user's manual and quick start poster where required; neck strap; dock insert for use with optional hp photosmart 8881 camera dock (dock not included, please purchase separately); CD with hp photo & imaging software for Microsoft Windows and Macintosh and hp memories disc creator; ArcSoft Panorama Maker

accessories

C8881A	hp photosmart 8881 camera dock
C8875A	hp photosmart 6v AC adapter
C8889A	dsc41 hp photosmart deluxe starter kit (includes: 4 NiMH batteries, quick charger with car adapter, 32 MB SD card, padded camera case)
Y1789B	dsc421 hp photosmart starter kit (includes: 4 NiMH batteries, quick charger, padded camera case)
C8906A	hp photosmart large padded camera case
C8885A	SecureDigital (SD) to CompactFlash (CF) adapter
C8995A	32 MB SecureDigital (SD) memory card
C8896A	64 MB SecureDigital (SD) memory card
C8897A	128 MB SecureDigital (SD) memory card

for more information

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