

EPSON®

DIGITAL CAMERA

PHOTOPC® 3100Z

A captivating combination of quality and performance

With resolution up to 2544 x 1904 pixels, the EPSON PhotoPC 3100Z combines top-notch image quality with easy operation and high performance features like its revolutionary PRINT Image Matching™ technology.

Key Features

Up to 4.8 megapixel resolution with EPSON HyPict™ technology

- Increases the 3.3 megapixel CCD sensor resolution to 2544 x 1904 pixels for prints up to 11" x 17"

Maximum 6X zoom

- Includes 3X optical zoom and 2X digital zoom; equivalent to 34mm-102mm on a 35mm camera

Innovative print tools

- Uses PRINT Image Matching technology to optimize images captured and produce the best quality prints possible on PRINT Image Matching-enabled photo printers. Includes a print button utilizing Digital Print Order Format (DPOF) for quick, easy selection of images to print.

Aperture and shutter priority

- Advanced features that can be fully automated or manually controlled

Web-ready audio and video clip capability

- Records video clips with sound, up to 25 seconds at 15 frames per second (320 x 240 pixels)

16MB CompactFlash™ memory card included

- Stores up to 199 standard resolution images; supports CompactFlash memory cards up to 256MB

Hot shoe and add-on lens support

- Supports optional external flash units and optional close-up, wide-angle, or telephoto converter lenses and filters



Camera Specifications



CCD Sensor

1/1.8 inch color CCD (3.34 million pixels)

File Format

JPEG (EXIF), TIFF uncompressed, DCF (Design Rule for Camera File System) and DPOF (Digital Print Order Format) compliant

Resolution Modes

HyPict	2544 x 1904 pixels
Tiff Uncompressed	2048 x 1536 pixels
Super Fine	2048 x 1536 pixels
Fine	1600 x 1200 pixels
Standard	640 x 480 pixels

Color Modes

24-bit color and monochrome

Lens

Focal length 7 – 21mm
(equivalent to 34mm to 102mm lens on a 35mm film camera)
7 elements in 8 group construction (2 aspherical lenses)
Lens adapter included for optional add on lenses

Auto-Focus Range (Automatic and Manual)

Normal mode	20" to infinity (0.5m – infinity)
Macro mode	2.36" to 20" (0.06m - 0.5m)
User adjustable	3', 10', 50'

Capture Modes

Full Auto, program (sports, landscape, portrait, normal), manual, macro, continuous shoot, interval shooting, stitching, and 2x digital zoom

Built-in Microphone and Speaker

Capable of recording up to 10 second voice message
Listen to the voice message on the camera, through a computer or television
Audio File format WAV (PC), AIFF (MAC)

Audio and Video Clip

QuickTime Motion JPEG (15 frames/sec)
Max recording time 25 seconds (35 seconds when sound is off)

LCD Monitor

1.8" color LCD monitor
Supports instant preview, playback, delete, and slide show

Picture Storage Capacity

16MB CompactFlash card
Average number of images (standard compression) stored on 16MB:

HyPic	12 images
Super Fine	29 images
Fine	56 images
Standard	199 images
Uncompressed TIFF	1 image (9MB)

Optical Viewfinder

Real-image optical viewfinder and diopter

Shutter Speed (Automatic and Shutter Priority)

Mechanical shutter and electronic control shutter
Flash On 1/30 seconds – 1/1000 seconds
Slow sync and Flash OFF 1/2 seconds – 1/1000 seconds
Manual exposure: 8 seconds – 1/500 seconds

Aperture (Automatic and Aperture Priority)

F2, 2.3, 2.8, 4, 5.6, 8

Exposure Control

Program auto exposure with manual +/- 2.0 exposure value adjustment (0.5/0.2 EV increments); spot and matrix metering

White Balance Modes Auto/Fixed 5200° K/Custom

Built-in Flash

Range 20" – 13.8' (normal),
8" – 20" (macro)

Modes Auto Flash, Flash On, Flash Off,
Red-eye Reduction, Slow Synchronized

Hot Shoe for adding optional external flash units

Sensitivity Equivalent to ISO 100/200/400

PRINT Image Matching

Automatically sets print commands for compatible printers.
User adjustable brightness and sharpness settings.



Print Button

Utilizes Digital Print Order Format (DPOF). Index ON/OFF, mark image to print, mark number of copies. Compatible with printers that read DPOF files.

Self Timer 10 seconds (fixed)

Tripod Mount Built-in

Minimum System Requirements

CD-ROM drive, 32MB RAM, 30MB of available hard disk space, VGA monitor minimum resolution of 640 x 480 with 256 colors (24-bit recommended), 16-bit sound card and speakers (for audio playback only), USB connection



Windows Pentium® 166 MHz or higher processor,
Windows 98/Me/2000



Macintosh System 8.5.1 to 9.1
Power Macintosh G3, G4 or iMac

Video Interface

Provides NTSC and PAL video output signal

Power

Includes 4 AA alkaline batteries

Accepts 4 AA size batteries (alkaline, lithium, Ni-Cd and NiMH)

Optional AC adapter, rechargeable batteries and charger

Contents

EPSON PhotoPC 3100Z digital camera, 16MB CompactFlash card, USB communication cable, video cable, neck strap, soft case, lens cap with strap, lens adapter, User's Guide, four AA size Alkaline batteries

Environmental Requirements (Operating range)

Temperature 41° to 95° F (5° through 35° C)

Humidity 30% to 80% (non-condensing)

Camera Dimensions and Weight

Dimensions 4.25" x 3.50" x 2.56"

Weight without batteries 12.9 oz.

Warranty

One year limited Camera



EPSON


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