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:
- **HyPict**: 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**
- Windows: Pentium® 166 MHz or higher processor, Windows 98/Me/2000
- Macintosh: System 8.5.1 to 9.1

**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