C-2040 ZOOM DIGITAL PRINTING CAMERA FAQ'S

Features and Benefits:

* Fast F1.8 to F10, 3x optical zoom lens (40-120mm equivalence to a 35mm camera), 10 elements in 7 groups. Fast lens permits easier low-light photography.
* 1/800 up to 16 second manual shutter speeds permit creative control (Still image)
* Up to 5x seamless digital zoom in VGA mode (2.5x digital zoom in all other modes).
* Photometric exposure metering modes (center weighted average, spot, multi-meter spot, and macro spot) offers flexible settings for any lighting conditions.
* iESP intelligent auto focus metering system.
* White Balance modes (Auto WB, preset WB, and quick reference WB) makes compensating for various lighting color temperatures easy.
* Contrast adjustment - increase or decrease overall image contrast (low, normal, and high settings).
* Sharpness adjustment - increases or decreases the overall sharpness of the image (hard, normal, and soft).
* Newer more powerful flash. Effective working range out to 18 feet.
* 5-pin TTL external flash connector for Olympus FL-40 dedicated flash (optional) or connection to any external flash/strobe system (using optional cable).
* Image playback with video output to a TV (NTSC). Scene Rotation feature allows rotating of portrait mode pictures.
* Zooming available in QuickTime movie mode.
* USB Storage-class connectivity mounts like a standard hard drive permitting easy drag-n-drop downloads.
* CR-V3 (LB-01) lithium battery compatible.

Specifications:

Model name: Olympus Camedia C-2040 Zoom digital camera

Product Type: Digital Camera with 1.8 inch color TFT LCD monitor

Memory: 3.3v SmartMedia (SSFDC) Card (2M,4M,8M,16M 32M and 64MB)
(8MB SmartMedia supplied with camera)
Recording system: Still image; JPEG (DCF), TIFF, DPOF support
Motion picture; Quick Time Motion MOV format (no sound recording)

Number of storable pictures (8mb card):
1: TIFF 1600x1200
3: TIFF 1024x768
8: TIFF 640x480
7: SHQ 1600x1200
16: HQ 1600x1200
13: SQ1 high 1024x768
38: SQ1 normal 1024x768
32: SQ2 high 640x480
82: SQ2 normal 640x480

Image pickup element: 1/2 inch CCD solid-state image pickup 2.11 megapixel (effective 2.02 megapixel) RGB

White balance: iESP full-auto TTL, Pre-set (daylight, overcast, tungsten light, fluorescence light), quick reference white balance

Lens: Olympus lens 7.1 - 21.3 mm F1.8 - F2.6, 10 elements in 7 groups
(Equivalent to 40 - 120 mm lens on 35 mm camera)

Digital Zoom: 1-2.5x seamless. Up to 5x in SQ2 mode (640 x 480)

Photometric system: Intelligent Digital-ESP metering, spot metering, multi-meter spot metering, and macro spot metering systems

+/− 2EV in 1/3EV steps exposure compensation

Auto Bracketing: Selectable from 1/3EV, 2/3 EV and 1EV; 3 or 5 images
Aperture priority: Wide Angle; F1.8 - F10.0, Tele; F2.6 - F10.0, 1/3EV steps

Programmed auto: F1.8-F10.0, 1 - 1/800sec.

Motion JPEG Image mode: 1/30 - 1/10,000 sec. shutter speed

Shutter priority: 4 - 1/800 sec. (mechanical shutter), 1/3EV steps (still image)

Manual exposure: 16 - 1/800 shutter speed; Wide Angle; F1.8 - F10.0, Tele; F2.6 - F10.0, 1/3EV steps

ISO: Auto, 100, 200, 400

Focusing: TTL system iESP autofocus (contrast detection system) with focusing range: 7.9" - infinity, spot AF is possible

Manual focus: Manual focus setting by gauge with focusing range: 7.9" - infinity

Auto focus working range: Standard mode: 31.5" - infinity; Macro mode: 7.9" - 31.5"

Viewfinder: Optical real-image viewfinder (Close-up correction marks, Autofocus mark, LCD monitor)

LCD monitor: 1.8inch wide-angle color TFT LCD monitor; 114,000 pixels, brightness adjustment is possible

Flash modes: Built-in Flash: Auto-Flash (low-& back-light), Red-Eye Reducing Flash, Off, Fill-in

External flash terminal: Off, Auto, Fill-in (w/ optional FL-40)

Slow Synchronization: First-Curtain Synchronization effect, Second-Curtain Synchronization effect

Flash effective range: Wide; approx. 2.6 - 18.4 ft, Tele: approx. 7.9" - 12.5 ft (ISO 100)
Flash recycling time: Less than 6 sec. (at normal temperature with new battery)

Sequence mode:
- SHQ: approx 1.4 frames per sec. 3 frames or more
- HQ: approx 1.4 frames per sec. 7 frames or more
- SQ1- Normal :approx 1.5 frames per sec. 16 frames or more
- SQ1- High : approx 1.5 frames per sec. 5 frames or more
- SQ2- Normal :approx 1.6 frames per sec. 37 frames or more
- SQ2- High : approx 1.6 frames per sec. 14 frames or more
(excluding TIFF mode)

Movie mode format:
- Quick Time Motion MOV format
  - HQ: 320x240 pixels, 15 frame/sec. Up to approx. 15 sec.
  - SQ: 160x120 pixels, 15 frame/sec. Up to approx. 66 sec.

Image effect:
- Black & white mode, Black board mode, White board mode

Selftimer / remote control:
- 12 second delay / 2 sec. Remote control operation possible with optional RM-1 remote

Setting memorization:
- Selectable on or off

Outer Connector:
- DC input terminal (6.5VDC@2A), USB interface (storage class), video output terminal (NTSC), external flash terminal for FL-40 (5 pin TTL type)

Operating environment:
- Operation: 32 - 104 F, 30 - 90 % humidity, Storage: -4 - 140 F, 10 - 90% humidity

Power Supply:
- 2 x Lithium battery LB-01 (CR-V3) included, 4 x AA Ni-MH batteries / 4 x AA Lithium batteries / 4 x AA alkaline batteries / 4 x AA Ni-Cd batteries. Optional AC adapter available. (Manganese batteries cannot be used.)

Date/Time/Calendar:
- Simultaneous recording onto image data. (automatic calendar system up to year 2030)
Operating System: Windows 98/98 SE/ME/2000 Pro; Macintosh OS 8.6 - 9.0.4

Dimensions: 4.3" (W) x 3" (H) x 2.7" (D) excluding projections

Weight: 10.8oz (without battery and SmartMedia Card)

***Specifications and design are subject to change.

**Package contents:**

* CAMEDIA C-2040 Zoom digital camera
* 8 MB SmartMedia card
* (2) CR-V3 long life lithium batteries
* CAMEDIA Utility software disc
* Win/Mac USB download cable
* NTSC video cable
* Instruction manual
* Carrying strap
* Lens cap and retainer cord