

## Specifications

### CAMEDIA C-220ZOOM

<b>Model:</b>	CAMEDIA C-220ZOOM
Type:	Digital camera with 3.8 cm/1.5 inch colour TFT LCD monitor.
Effective pixel number:	1.95 million pixels. (The actual number of pixels used in image processing.)
Storage media:	Removable 3 V (3.3 V) SmartMedia (SSFDC) card (4, 8, 16, 32, 64 and 128 MB). One 8 MB card with panorama function is supplied with camera.
Number of storable frames with 8 MB SmartMedia card:	5 or more: SHQ 1,600 x 1,200 pixels 16 or more: HQ 1,600 x 1,200 pixels 29 or more: SQ1 1,024 x 768 pixels 49 or more: SQ2 640 x 480 pixels.
Recording system:	Still image: JPEG (DCF: "Design rule for Camera File system"), DPOF support. Motion picture: QuickTime Motion JPEG®*.
Imager:	1/3.15 inch CCD solid-state image pickup with 2.11 million pixels. RGB interlaced scan.
White balance:	Full-auto TTL, pre-set (daylight, overcast, tungsten light, fluorescent light).
Lens:	Olympus lens 5.0 – 15.0 mm, f2.8 /f4.9, 8 lenses in 7 groups (equivalent to 38 mm – 114 mm lens in 35 mm format).
Digital zoom:	Up to 2.5x. (Up to 5x in SQ2 mode.)
Light metering:	Digital ESP metering system with imager. Spot metering.
Exposure control:	Programmed auto exposure. Exposure compensation in $\pm 2$ EV in $\pm 1/2$ EV steps. Programmed auto: f2.8 – f7.5, 1/2 – 1/1000 sec. (with mechanical shutter). 2 – 1/1,000 sec in Slow Synchronisation mode. QuickTime Motion JPEG image mode: 1/30 – 1/10,000 sec.
Focusing:	TTL system iESP autofocus (contrast detection system) with focusing range: 0.2m – infinity.
Working range:	Standard mode: 0.5 m – infinity. Macro mode: 0.2 m – 0.5 m.
Sensitivity:	Auto (ISO 80 – 160).
Viewfinder:	Optical real-image, LCD monitor.
LCD monitor:	3.8 cm/ 1.5-inch colour TFT LCD monitor with 114,000 pixels made of low-temperature poly-silicon. Brightness adjustment possible.
Flash:	Built-in flash.
Flash working range:	Approx. 0.2 – 4 m (wide); 0.2 – 2.5 m (tele).
Flash modes:	Auto (automatic activation in low and backlight), Red-eye reduction, Off (no flash), Fill-in (forced activation). Slow synchronisation (first-curtain synchronisation effect, red-eye reduction first-curtain synchronisation effect).
Sequence mode:	Up to 1.2 shots per sec for up to 5 frames in HQ mode.

Motion picture mode: With a SM card of more than 8 MB	Format: QuickTime Motion JPEG*. HQ: Up to 15 sec. in a resolution of 320 x 240 pixels. 15 frames/sec. SQ: Up to 60 sec. in a resolution of 160 x 120 pixels. 15 frames/sec.
Still image edit:	Resize, sepia mode, black & white mode, panorama.
Motion picture edit:	Index.
DPOF setting:	Print reservation, all print reservation, date/time, number of copies.
Self-timer:	Approx. 12 sec. delay.
Setting memorisation:	On and off.
Outer connector:	DC input terminal, USB interface (AutoConnect), video output terminal (PAL).
Operating environment:	Temperature: 0 – 40°C (operation); -20 – 60°C (storage). Humidity: 30 – 90% (operation); 10 – 90% (storage).
Power supply:	Main power source: 1 x lithium battery LB-01 (CR-V3), 2 x AA Ni-MH batteries / 2 x AA lithium batteries / 2 x AA alkaline batteries / 2 x AA Ni-Cd batteries. (Zinc carbon (manganese) batteries cannot be used.) Optional AC adapter (3V).
Date/time/calendar:	Simultaneous recording onto image data.
Automatic calendar system:	Up to year 2031.
Dimensions:	112 (W) x 62 (H) x 35 (D) mm (excluding protrusions).
Weight:	174 g (without batteries and Smart Media card).