

Specifications CAMEDIA C-8080 WIDE ZOOM

Model		CAMEDIA C-8080 WIDE ZOOM
Type		Digital camera with 4.5 cm/1.8 inch sunshine colour TFT LCD monitor.
Image sensor		
Image sensor		2/3 inch CCD solid-state image pickup with 8.31 million pixels.
Effective pixel number		8.00 million pixels. (The actual number of pixels used in image processing.)
Filter array		Primary colour filter (RGB).
Media		
Storage media type		Removable xD-Picture Card (16, 32, 64, 128, 256 and 512MB). CompactFlash Type I/II, Microdrive (except 320MB).
Lens		
	Optical zoom	5x.
	Structure	15 lenses in 13 groups. 2 aspherical lens elements. 3 ED lenses.
	Filter diameter	58mm (use CLA-8 to attach conversion lenses).
	Focal length	7.1 – 35.6mm (equivalent to 28 – 140mm lens in 35mm format).
	Maximum aperture	F2.4 (wide)/F3.5 (tele).
Digital zoom		1x – 3x (15x seamless zoom when combined with optical zoom).

Viewfinder		240,000 pixel EVF (electronic viewfinder).
LCD monitor		1.8 inch sunshine colour TFT LCD monitor with 134,000 pixels.
Focusing		
System		Dual AF (TTL autofocus with contrast detection and passive AF by phase detection).
Function		AF illuminator.
Mode	Auto	IESP autofocus, spot autofocus, AF area is selectable.
	Manual	Yes.
Working range	Standard mode	0.8m – infinity.
	Macro mode	0.2 – 0.8m.
	Super macro mode	From as close as 5cm.
Light metering		
Mode		Digital ESP metering, spot metering, multi-spot metering, centre-weighted metering.
Function		AE lock, exposure area selection, histogram in shooting and playback mode.
Exposure		
Exposure control		Programmed auto exposure, Aperture Priority Auto and Shutter Priority Auto, Manual exposure.
		AE lock.
		Scene programs: Normal, Portrait, Night Scene, Landscape,.
Shutter speed		16 – 1/4000 sec. (bulb 8 min.), depending on exposure program.
Shutter release time lag		0,3 sec (with focussing)
Compensation		±2 EV in 1/3 EV or 1/2 EV steps (selectable).
Auto bracketing		3 or 5 images.
Sensitivity		
	Auto	ISO 50-400
	Manual	ISO 50,80,100,125,160,200,250,320,400

White balance		
Mode	Auto	IESP2.
	White balance adjustment	(Red) -7 – +7 (blue).
	Pre-set	Shade, overcast, sunlight, evening sun, tungsten light, fluorescent light 1,2,3,4.
	Full manual	One-touch, custom.
Flash		
Pop-up flash	Modes	Auto (automatic activation in low and backlight), Red-eye reduction, Fill-in (forced activation), Slow synchronisation, Off (no flash), slave mode.
	Working range	0.8 - 5.3m (Wide). 0.8 - 3.6m (Tele).
	Recycle time	6 sec.
	Guide number	9.
External flash connection		Hot shoe.
Sequence shooting		High speed setting: 1.6 shots per sec. in any JPEG mode (max 5 images). Normal setting: 1.0 shots per sec. in any HQ mode (max 26 images).
Processing		
Image processing		Proper gamma technology, noise reduction, advanced noise filter, noise canceller, pixel mapping, TruePic Turbo.
Image quality adjustment		Sharpness -5 – +5.
		Contrast -5 – +5.
		Saturation –5 – +5.
		Color Phase -5 – +5.
Function shooting		Sepia mode, black & white mode, guide line.
Editing		
Still image edit		Re-size, trimming, RAW data edit.
Motion picture edit		Cutting, index.
Recording system		

Still image	JPEG (DCF: "Design rule for Camera File system"), TIFF (non-compress), RAW, Exif 2.2 support, Print Image Matching II support, DPS and DPOF support.	
Motion picture	QuickTime Motion JPEG®*.	
Voice Recording	Wave format.	
Number of storable frames (approx., with 32MB xD-Picture Card)		
Still picture mode (with sound)	3,264 x 2,448	RAW: 2
		TIFF: 1
		SHQ: 8
		HQ: 15
	3,264 x 2,176	TIFF: 1
		SHQ: 9
		HQ: 18
	2,592 x 1,944	TIFF: 2
		SQ-1 high: 8
		SQ-1 normal: 24
	2,288 x 1,712	TIFF: 2
		SQ1: high 10 /normal 31
	2,048 x 1,536	TIFF: 3
		SQ1: high 13 /normal 39
	1,600 x 1,200	TIFF: 5
		SQ2: high 22 /normal 60
	1,280 x 960	TIFF: 8
		SQ2: high 33 /normal 90
	1,024 x 768	TIFF: 13
		SQ2: high 51 /normal 152
640 x 480	TIFF: 34	
	SQ2: high 117 /normal 248	
Motion picture mode	Up to the capacity of the xD-Picture Card. With a 32MB card, this is: SHQ (640 x 480 pixels) with audio: 34 sec.	

		(320 x 240 pixels) without audio: 93 sec.
Power supply		
	Rechargeable battery	Li-ion battery, 7.2V.
	AC adapter	Optional AC adapter (C-8AC).
Interface		DC input terminal, USB 2.0 high speed AutoConnect interface (storage class), A/V output.
Other features		
DPOF setting		Single-frame print reservation, all print reservation, number of prints, cropping, date/time display.
Direct printing (DPS)		PictBridge support allows direct printing with compatible printers.
Software development kit (SDK)		Camera can be controlled by the PC (with special software).
Multilingual menu		English / French / German / Spanish / Japanese / Russian / Portuguese / Italian.
Setting memorisation		ON /OFF/ My mode (8 settings storable).
Self-timer		Yes.
Date/time/calendar system		Up until 2099.
Size		
Dimensions		124 (w) x 84.5 (h) x 99 (d) mm.
Weight		Approx. 660g.
Box contents		Strap, remote control, audio/video cable, USB cable, battery and charger, lens hood, 32MB xD-Picture Card, CAMEDIA Master 4.2

Specifications and design are subject to change without notice.

* QuickTime Motion JPEG is a registered trademark of Apple Computer.