Technical Specifications

Number of effective pixels:	3.2 million
CCD:	1/2.7-type interline primary-color CCD
	Total pixels: 3.3 million
Camera sensitivity:	Auto (between ISO 50 –160 equivalent), ISO 50,100, 200, 400 equivalents
Focal length:	5.7 – 17.1mm (35mm equivalent: 37 – 111mm)
Lens construction:	9 elements in 8 groups (includes 3 aspheric elements)
Maximum aperture:	f/2.8 – f/3.6
Minimum focus distance:	0.15m / 5.9 in. from front of camera
Maximum magnification:	0.1x (1:10)
	Equivalent to 0.58x (1: 1.72) in 35mm format
Area covered at maximum magnification:	
	55.2 x 41.4mm / 2.17 x 1.63 in.
Viewfinder type:	Optical real-image zoom viewfinder
Monitor LCD:	3.8cm (1.5 inch) low-temperature polysilicon TFT color monitor with anti-reflection coating
Shutter:	CCD electronic shutter and mechanical shutter
Shutter speed range:	4 - 1/1000 s
Autofocus system:	Video AF
Autofocus areas:	Wide focus area (five-point AF)
	Spot focus area
Metering:	Multi-segment, Spot
Multi-segment metering:	256 segments
Exposure control:	Programmed AE
Exposure compensation:	±2 Ev in 1/3 increments
Flash range:	Wide: 0.15 – 3.2m / 0.5 – 10.5 ft. (approx.)
	Telephoto: 0.15 – 2.5m / 0.5 – 8.2 ft. (approx.)
	(Camera sensitivity: auto)
Flash modes:	Autoflash, Autoflash with red-eye reduction, Fill-flash, Flash cancel, Night portrait
Continuous advance:	Available
Self-timer:	10 s (approx.)

Movie recording:	Recording time dependent on memory card capacity.
	Frame rate: 15fps
	Monaural audio only.

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Frame rate: 15fps
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Audio: Audio recording: 180 min. (max.) *
  *128MB MB memory card is required.
Voice memo: 15s (max)
Audio caption: 15s (max.)
Monaural audio only

White balance control: Automatic, Preset (Daylight, Cloudy, Tungsten, Fluorescent)

Color modes: Color, Black and white, Sepia

Noise reduction: User selectable

Digital zoom: 4x (max.) in 0.1x increments
Digital zoom can be disabled.

E-mail Copy function: Creates a compressed 640x480 or 160x120 JPEG image for transmission.

Date imprinting: Year/month/day (Format can be changed.)
Month/day/hour:minute
Imprinting can be disabled.

Image-quality modes: TIFF, Fine, Standard, Economy

Number of recorded pixels (Still images):
2048 x 1536, 1600 x 1200, 1280 x 960, 640 x 480

Number of recorded pixels (Movie clips):
320 x 240, 160 x 120

Storage capacity: Approximate storage capacity of a 16MB SD (Secure Digital) Memory Card:

	2048x1536	1600x1200	1280x960	640x480
TIFF	1 frame	2 frames	3 frames	14 frames
Fine	9 frames	14 frames	22 frames	69 frames
Standard	17 frames	27 frames	39 frames	100 frames
Economy	32 frames	47 frames	69 frames	150 frames
Movie	41 seconds with 320x240 images 2 minutes 30 seconds with 160x120 images			

Audio recording	30 minutes 51 seconds

* Still images recorded without voice memo or audio caption

**Actual number of images may vary depending upon the subject and memory card.

File formats:	JPEG, TIFF, Motion JPEG (MOV), WAVE
	DCF 1.0-compliant
	DPOF-compliant (Supported by printing functions in ver. 1.1)
	Exif 2.2
Folder name formats:	Standard, Date
Printing output control:	PRINT Image Matching II, Exif Print
Recording media:	SD (Secure Digital) Memory Cards, MultiMediaCards
Computer interface:	USB 1.1
Direct print:	Epson USB DIRECT-PRINT
Remote camera:	Live images without audio viewed with a computer
AV output:	NTSC, PAL (selected on the camera)
Battery:	One NP-200 lithium-ion battery
Battery performance (Playback):	Approximate continuous playback time: 120 min. Based on Minolta's standard test method with NP-200 lithium-ion battery
Battery performance (Recording):	Approximate number of recorded images: 130 frames. Based on Minolta's standard test method: NP-200 lithium-ion battery, LCD monitor on, Full-size images (2048x1536), Standard image quality, No instant playback, No voice memo, Flash used with 50% of the frames.
External power source:	4.7V DC with specified AC adapter (sold separately)
Dimensions:	85.5(W) x 67(H) x 20(D) mm / 3.37(W) x 2.64(H) x 0.79(D) in.
Weight:	120 g / 4.2 oz. (approx.) without battery or recording media

Operating temperature:	0-40ºC / 32-104°F
Standard accessories:	Hand Strap HS-DG100
	AV Cable AVC-200
	USB Cable USB-500
	16MB SD (Secure Digital) Memory Card
	Lithium-ion Battery NP-200
	Lithium-ion Battery Charger BC-300
	DiMAGE Viewer CD-ROM
Optional accessories:	Metal Chain Neck Strap NS-DG100
	AC Adapter AC-4 or AC-5
	Camera Case & Strap CS-DG410*
	Leather Case CS-DG420*
	Marine Case MC-DG200*
	*Availability varies with region.

Technical Specifications of Marine Case MC-DG200

Maximum depth (underwater):	30m / 98.4 ft.
Weight:	240g / 8.5 oz. (Case only)
Dimensions:	125.5 (W) x 94 (H) x 50.5 (D) mm /
	4.94 (W) x 3.7 (H) x 1.99 (D) in.
	(excluding protrusions)
Standard accessories:	Hand strap
	O-ring grease
	Desiccant
Optional accessories:	O-ring set

Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.

System Requirements

Compatible computers when the camera is used as mass storage devise:

IBM PC/AT compatible computers with Windows XP, Windows Me, Windows 2000 Professional, Windows 98*, or Windows 98 Second Edition* and with a USB port as standard interface.

Apple Macintosh computers with preinstalled Mac OS 9.0 – 9.2.2, Mac OS X v10.1.3 – 10.1.5, and v10.2.1 – 10.2.3 and with a USB port as standard interface.

* Users with Windows 98 and Windows 98 Second Edition operating systems must install dedicated driver software included in the DiMAGE Xt package.

Minimum system requirements for the remote camera function:

Computers	IBM PC/AT compatible computers with a USB port as standard interface
CPU	Pentium II 300MHz or later processor (*1)
Operating systems	Windows XP, Me, 2000 Professional, or 98 Second Edition
RAM	128 MB of RAM. 256 MB with Windows XP. (*1)
Hard-disk space	200 MB of free hard-disk space
Monitor	800 x 600 monitor capable of displaying 16-bit color quality.
Tested applications	Microsoft NetMeeting, Windows Messenger (*2)
Other	CD-ROM drive

*1 The CPU and RAM must satisfy the requirements of the operating system.

*2 The application software must be guaranteed by the manufacturer to work with the operating system.

• The computer and operating system must be guaranteed by their manufacturers to support USB interface.

• Problems may be encountered depending on what other USB devices are being used in parallel with this product.

• Only a built-in USB port is supported. Problems may be encountered when the camera is connected to a USB hub.

• Normal operation may not be possible even when all the system requirements are met.

System requirements are based on the latest information available at the time of printing and are subject to change without notice.