

Technical Specifications Xt Biz

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)
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.

Audio: Audio recording: 180 min. (max.) *

*128MB MB memory card is required.

Voice memo: 15s (max)

Audio caption: 15s (max.)

Audio annotation recording: 10min. (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
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* Still images recorded without audio

** 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 except for audio annotation files
 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. with NP-200 lithium-ion battery

Battery performance

(Recording):

Approximate number of recorded images: 130 frames
 Based on the following test conditions: 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:

0-40°C / 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	Biz	Software
	DiMAGE Viewer		

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.

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

DiMAGE Biz Software minimum system requirements:

Computers	IBM PC/AT compatible computers
CPU	Pentium 133MHz or later processor (*1)
Operating systems	Windows XP Home, XP Professional, Me, 2000 Professional, or 98 Second Edition operating systems
RAM	128 MB of RAM. 256 MB with Windows XP. (*1)
Hard-disk space	200 MB of free hard-disk space
Monitor	800x600 monitor capable of displaying 24-bit color quality. 1024x768 or greater recommended.
Compatible E-mail Applications	MAPI-compatible e-mail applications such as Microsoft Outlook Express and Microsoft Outlook (*2)
Compatible files types	JPEG (Exif 2.1 and 2.2, 24-bit JFIF) BMP (8, 16, and 24 bit) TIFF (Exif 2.1 and 2.2, non-compressed 24-bit RGB) WAVE MOV MDM
Other	CD-ROM drive is required for installation

*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.

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