

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:	Automatic (between ISO 50 - 160 equivalent)†, ISO50,100, 200, 400
Focal length:	5.7 – 17.1mm (35mm equivalent: 37 – 111mm)
Lens construction:	9 elements in 8 groups
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:	4.0cm(1.6 inch) digital-interface TFT color monitor with anti-reflection coating Total pixels: Approx. 85,000
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
Automatic Digital Subject Program Selection:	Portrait, Sports action, Landscape, or Sunset is automatically selected (Manual selection is also possible) Night portrait/Night view is set manually only.

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
Continuous advance:	Available, Speed: Approx. 1.5 fps* * Actual speed may vary depending upon the subject and camera settings.
Self-timer:	10 s (approx.)
Multi frame:	To capture 9 sequential images in a 3x3 grid in a single frame
Image pasting:	Embeds an image within another image.
Movie recording:	Recording time dependent on memory card capacity. Frame rate: 15 fps , 30fps Night Movie Movie frame capture Movie clip capture
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.) Digital zoom can be disabled.

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

Crop frame: Trims parts of captured still pictures and save the image as a separate file.

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

Image-quality modes: 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
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 (320x240)	15fps: 41 seconds, 30fps: 21 seconds			
Movie (160x120)	15fps: 2 minutes 30 seconds, 30fps: 1 minutes 22 seconds			
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, 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:	Exif Print , PRINT Image Matching II
Recording media:	SD (Secure Digital) Memory Cards, MultiMediaCards
Computer interface:	USB Full-speed 12Mbps data transfer with USB 2.0 compatible computer
Direct print:	PictBridge
Remote camera:	Live images without audio viewed with a computer
Battery:	One NP-200 lithium-ion battery
Battery performance (Playback):	Approximate continuous playback time: 240 min. Based on KONICAMINOLTA's standard test method with NP-200 lithium-ion battery and 320x240 pixels images
Battery performance (Recording):	Approximate number of recorded images: 220 frames. Based on CIPA (Camera & Imaging Products Association) measurements, when using standard battery (Lithium-ion battery) and standard memory card (SD, 16MB)
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:** Lithium-ion Battery NP-200
 Battery Charger BC-700 (new)
 Hand Strap HS-DG130
 USB Cable USB-500
 SD (Secure Digital) Memory Card (16MB)
 DiMAGE Viewer CD-ROM
- Optional accessories:** AC Adapter set AC-401 or AC-501
 Camera Case CS-DG400
 Camera Case & Strap CS-DG410
 Leather Case CS-DG420
 Camera Case CS-DG800
 Metal Chain Neck Strap NS-DG100
 *Availability varies with region.

Technical Specifications of Marine Case MC-DG300

- 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 device:

IBM PC/AT compatible computers with Windows XP (Home/Professional), 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, v10.2.1-10.2.8, v10.3-10.3.1 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 Xg 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 (Home/Professional), Me, 2000 Professional, or 98 Second Edition
RAM	128 MB of RAM. 256 MB with Windows XP. (*1)
Hard-disk space	Approx. 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.

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