Number of effective pixels	Approximately 5.0 million *(**2584 x 1936)*
CCD	1/2.5-inch CCD ***Total pixels: 5.2 million*
A/D conversion	12bit
Lens construction	6 elements in 5 groups
Focal length	5.4 - 16.2mm (equivalent to 32 - 96mm in 35mm format)
Maximum aperture	f/2.8 - f/4.8
Focusing range	1.6 ft. (0.5m) to infinity (from front of lens) Macro: Wide-angle: 2.4 inches (0.06m) to infinity (from front of lens) Telephoto: 14 inches (0.35m) to infinity (from front of lens) Maximum magnification: Wide-angle: 0.081x (equivalent to 0.502x in 35mm format) *(with a focal length of 5.4 mm. Distance at 2.4 inches.)* Area covered at maximum magnification: 71.7 x 53.4 mm Telephoto: 0.042x (equivalent to 0.262x in 35mm format) *(with a focal length of 16.2 mm. Distance at 14 inches.)* Area covered at maximum magnification: 137.6 x 102.5mm
Zooming method	Extending power zoom
Digital zoom	Recording mode: 1x to 4x (Up to 12x zoom is possible when combined with optical zoom. Digital zoom can be disabled.) Playback mode: 1x to 4x
Recording media	SD (Secure Digital) Memory Cards (up to 512MB), Internal storage (approximately 12MB)
File format	DCF1.1-compliant, Still Image: JPEG, DPOF-compliant (supported by printing functions in version 1.1), Exif 2.2. Movie: AVI
Number of recorded pixels	2560x1920, 2048x1536, 1280x960, 640x480
Image quality modes	Fine, Normal, Economy
Aspect ratio	4:3
Delete function	Single or all frames can be deleted.
Lock function	Single or all frames can be locked.
Format function	Available
Viewfinder type	NA
LCD monitor	2.0-inch low-temperature polysilicon TFT color Total pixels: Approximately 130,000 Field of view: Approximately 90%
Autofocus system	Video AF
Autofocus area	Centre focus area
Focus mode	Single-shot AF only
Focus lock	By pressing shutter-release button partway down
Exposure mode	Programmed AE
Digital Subject Program Selection	Program, Portrait, Landscape, Sports, Night
Metering	Centre-weighted, Spot (Auto mode is Centre-weight, P, Portrait, Landscape, Sport, Night Scene Mode are both selectable)
AE lock	By pressing shutter-release button partway down
Exposure compensation	+/-2 EV in 1/3 increments

Camera sensitivity	Auto, ISO 50, 100, 200 equivalent
Shutter	CCD electronic shutter and mechanical shutter
Shutter speed range	1/1 - 1/2000 second (Night scene mode, the slowest is 2 seconds)
Flash metering	Pre-flash TTL
Flash mode	Autoflash, Autoflash with red-eye reduction, Fill-flash (Forced Flash), Flash cancel (No Flash)
Guide number	6 (in meters at ISO 100)
Built-in flash range	Wide-angle: Approximately 2 - 7.9 ft. (0.6 - 2.4m) from front of lens Telephoto: Approximately 2 - 6.9 ft. (0.6 - 2.1m) from front of lens (Camera sensitivity: Auto)
Built-in flash recycling time	Approximately 6 seconds
White balance control	Automatic, Preset (Daylight, Cloudy, Sunset, Tungsten, Fluorescent
Bracketing (Exposure)	Exposure: +/-0.7 EV, Number of brackets: 3 frames
Continuous advance	Approximately 1.0 frame per second (Maximum 3 frames 2560x1920 Fine)
Self-timer	10 seconds, 2 seconds, 10+2 seconds
Color modes	Full Colour, B/W, and Sepia
Image correction	Sharpness (Low, Medium, High), Saturation (Low, Medium, High)
Other recording functions	Focus mode (Auto Focus, Macro (Wide-end: Approximately 2.4 inches to infinity, Tele position: Approximately 14 inches to infinity), Infinity, Date imprinting
Playback functions	Single-frame playback, Index playback (Thumbnail, 9 frames), Enlarged playback (1x to 4x), Slide show
Audio signals	Tone indicates operation: (on or off)
Printing output control	Exif Print, PictBridge
Movie recording functions (format)	Motion JPEG (AVI)
Number of recorded pixels (movie)	320 x 240
Frame rate	20 frames per second
Audio for movie	Monaural audio
Movie recording time	Until the Memory Card is full (depends on the recordable space of memory card or battery performance.)
Battery	2 AA batteries (alkaline batteries, Ni-MH rechargeable batteries)
External power source	3V DC (with specified AC adapter)
Battery performance	Approximately 80 frames *(Conforming to CIPA*1 (included AA alkaline batteries, SD memory card)) *1 CIPA: Camera & Imaging Products Association Approximately 200 frames (Based on Konica Minolta's standard test method: (Ni-MH batteries (2300 mAh), SD memory card)*
PC interface	USB (Full-speed 12Mbps data transfer available with USB 2.0 compatible computer)
AV output	PAL / NTSC
Supported operating system	Windows XP (Professional/Home Edition), Windows Me, Windows 2000 Professional, Windows 98, Windows 98 SE, Mac OS 9.0.-9.2.2, Mac OS X v10.1.3-10.1.5, v10.2.1-10.2.8, v10.3-10.3.8

Dimensions (WxHxD)	3.6 x 2.4 x 1.1 inches (91 x 61 x 27mm)
Weight	Approximately 4.6 oz. (130g) without batteries and the SD memory card
Operating temperature	32-104 degrees Fahrenheit (0 - 40 degrees Celsius)
Operating humidity	30 - 90 % (non-condensing)
Standard Accessories	2 AA alkaline batteries, Hand Strap, AV Cable, USB Cable, Software CD-ROM
Startup time	Approximately 3.0 seconds (From when the camera is turned on to when the image is displayed.)
Shutter-release time lag	Approximately 0.05 seconds (From when the focus is locked to when the exposure starts)
Autofocusing time	Approximately 1.5 seconds (From when the camera starts Autofocusing from infinity to when it locks focus on a subject at magnification of beta =1/40 (35mm equivalent). At telephoto position.)
Capturing interval	Approximately 1.0 second (with single-frame advance)

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, v10.3-10.3.8 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 X50 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 colour 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.

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

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