

## Technical Specifications

<b>Number of effective pixels:</b>	5.0 million
<b>CCD:</b>	1/1.76-type interline primary-color CCD Total pixels: 5.36 million
<b>Camera sensitivity:</b>	Auto, ISO 50, 100, 200, 400 equivalents
<b>Focal length:</b>	8 – 24mm (35mm equivalent: 39 - 117mm)
<b>Lens construction:</b>	7 elements in 6 groups
<b>Maximum aperture:</b>	f/2.8 – f/4.9
<b>Minimum focus distance:</b>	Wide: 0.5 m / 1.6 ft. from front of lens Telephoto: 0.8 m / 2.6 ft. from front of lens
<b>Minimum macro distance:</b>	Wide: 6 cm / 2.4 in. from front of lens Telephoto: 50cm / 19.7 in. from front of lens
<b>Viewfinder type:</b>	Optical real-image zoom viewfinder
<b>Monitor LCD:</b>	3.8cm (1.5 inch) TFT color monitor Total number of pixels: 117,000
<b>Shutter:</b>	CCD electronic shutter and mechanical shutter
<b>Shutter speed range:</b>	Programmed AE: 1 - 1/2000 s Manual exposure mode: 15 - 1/1000 s
<b>Autofocus system:</b>	Video AF
<b>Metering:</b>	Center-weighted, Spot
<b>Exposure modes:</b>	Programmed AE, Manual
<b>Exposure compensation:</b>	±1.5 Ev in 0.3 increments
<b>Flash range:</b>	Wide: 0.5 – 3.5 m / 1.6 – 11.5 ft. (approx.) Telephoto: 0.5 – 2.0 m / 1.6 – 6.6 ft. (approx.)
<b>Flash/Shooting modes:</b>	Autoflash, Autoflash with red-eye reduction, Fill-in, Off, Slow-sync, Macro-photo, Distant view, Self-timer, Fixed

	focus
<b>Continuous advance:</b>	Available
<b>Self-timer:</b>	10 s, 3s (approx.)
<b>Movie recording:</b>	Recording time: 30 s (max.) with monaural audio Frame rate: 15fps
<b>Audio recording:</b>	30 s (max.) of audio can be recorded with and without an image. Audio can be recorded and attached to a playback image. Monaural audio only.
<b>White-balance control:</b>	Automatic, Preset (Daylight, Cloudy, Tungsten, Fluorescent)
<b>Contrast compensation:</b>	Five levels
<b>Color saturation compensation:</b>	Five levels
<b>Sharpness settings:</b>	Five levels
<b>Color balance:</b>	Five levels for each RGB channel
<b>Color modes:</b>	Color, Black and white, Sepia
<b>Digital zoom:</b>	2x, 3x
<b>Copy function:</b>	To copy images and audio between the camera memory and memory card, or between memory cards.
<b>Resize:</b>	To VGA (640x480) from 2592x1944, 2048x1536, or 1600x1200 size images for transmission. To QVGA (320x240) from 2592x1944, 2048x1536, 1600x1200, or 640X480 for transmission.
<b>Compression modes:</b>	Fine, Normal
<b>Number of recorded pixels (Still images):</b>	2592 x 1944, 2048 x 1536, 1600 x 1200, 640 x 480
<b>Number of recorded pixels (Movie clips):</b>	320 x 240
<b>Storage capacity:</b>	Approximate storage capacity of a 16MB SD (Secure Digital)

Memory Card:

	2592x1944	2048x1536	1600x1200	640x480
Fine	6 frames	12 frames	20 frames	70 frames
Normal	11 frames	18 frames	35 frames	140 frames
Movie clip	Three 30-second clips			

\* Movie clips recorded with audio.

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

- File format:** JPEG, Motion JPEG (AVI), WAVE  
DCF-compliant  
DPOF-compliant (Supported by printing functions in ver. 1.1)  
Exif 2.2
- Printing output control:** Exif Print
- Camera memory:** 2MB of flash memory
- Recording media:** SD (Secure Digital) Memory Cards, MultiMediaCards, Memory Stick
- Computer interface:** Full-speed 12Mbps USB
- Battery:** One NP-500 lithium-ion battery
- Battery performance (Playback):** Approximate continuous playback time: 90 min.
- Battery performance (Recording):** Approximate number of recorded images: 100 frames with LCD monitor on and flash used with 50% of the frames.
- External power source:** 4.2 V DC with specified AC adapter (sold separately)
- Dimensions:** 94 (W) x 56(H) x 29.5(D) mm  
3.7 (W) x 2.2(H) x 1.16(D) in.
- Weight:** 200g / 7.1 oz. (approx.) without batteries or recording media
- Operating temperature:** 0-50°C / 32-122°F
- Standard accessories:** eckN strap 5S-DG130

USB cable USB-800

16MB SD (Secure Digital) Memory Card

Lithium-ion Battery NP-500

Lithium-ion Battery Charger BC-500U, BC500-E, or BC500-GB

DiMAGE Viewer CD-ROM

**Optional accessories:** AC Adapter AC-8U, AC-8E, or AC-8GB

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

## Minimum System Requirements

### IBM PC/AT compatibles:

Computers:	IBM PC/AT compatible computers with preinstalled Windows XP Home, Windows XP Professional, Windows Me, Windows 2000 Professional, Windows 98*, or Windows 98 Second Edition* and with a USB port as standard interface.
RAM:	16MB of RAM (32MB or more recommended)
Monitor:	640x480 monitor capable of displaying 32,000 colors
Others:	CD-ROM drive

### Apple Macintosh Computers:

Computers:	Apple Macintosh computers with preinstalled Mac OS 9.0, 9.1, 9.2, and Mac OS X v. 10.0.4-10.2 and with a USB port as standard interface.
CPU:	PowerPC
RAM:	16MB of RAM (32MB or more recommended)
Monitor:	640x480 monitor capable of displaying 32,000 colors
Others:	CD-ROM drive

- 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.
- \* Users with Windows 98 and Windows 98 Second Edition operating systems must install dedicated

driver software included in the DiMAGE G500 package.

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