

Technical Specifications

Number of effective pixels: 4.0 million

CCD: 1/2.5-type interline primary-color CCD
Total pixels: 4.2 million

Camera sensitivity: Auto, ISO 50, 100, 200, 400 equivalents

Focal length: 5.6 – 16.8mm (35mm equivalent: 34 - 101mm)

Lens construction: 7 elements in 6 groups

Maximum aperture: f/2.8 – f/4.9

Minimum focus distance: Wide: 0.5 m / 1.6 ft. from front of lens
Telephoto: 0.8m / 2.6 ft. from front of lens
Wide: 0.54 m / 1.8 ft. from CCD
Telephoto: 0.84 m / 2.8 ft. from CCD

Macro focus range:

	Super Macro	Standard macro	
Focal length	Telephoto*	Wide	Telephoto
From front of lens	20-40 cm/ 7.9–15.7 in.	5cm / 2 in. to infinity	50cm / 19.7 in. to infinity
From CCD	24-44 cm/ 9.4–17.3 in.	9 cm / 3.5 in. to infinity	54cm / 21.3 in. to infinity

* at telephoto position only.

Area covered at maximum magnification:
8 x 6 cm / 3.1 x 2.4 in. (approx.)

Viewfinder type: Optical real-image zoom viewfinder

LCD monitor: 3.8cm (1.5 inch) TFT color monitor
Total number of pixels: 76,800
Automatic monitor amplification

Shutter: CCD electronic shutter and mechanical shutter

Shutter speed range: 1 - 1/2000 s in programmed AE and aperture-priority modes
15 - 1/1000 s in manual exposure mode

Autofocus system: Rapid AF: a combination of a passive AF sensor with the video AF system.

Metering: Center-weighted, Spot

Exposure modes:	Programmed AE, Aperture priority, Manual
Exposure compensation:	±2 Ev in 0.3 increments
Flash range:	Wide: 0.5 – 2.3 m / 1.6 – 7.5 ft. (approx.) Telephoto: 0.8 – 1.3 m / 2.6 – 4.3 ft. (approx.) (Camera sensitivity: auto)
Flash modes:	Autoflash, Autoflash with red-eye reduction, Fill-in, Fill-in with red-eye reduction, Off
Flash compensation:	± 1 Ev in 0.5 increments
Scene selection:	Portrait, Scenery, Night, Snap, Sports, Angel
Continuous advance:	- Super Continuous: 2.5 fps (approx.) - Standard continuous: 1.1 fps (approx.) * Actual speed may vary depending upon the subject and camera settings. A maximum of 3 frames can be captured at one time with the Super Continuous drive mode. The number of frames with the standard-continuous drive mode is only limited by the memory card capacity. * Actual number of images may vary depending upon the subject and camera settings.
Auto bracketing:	Exposure, Focus Exposure: Three-frame bracket in 0.3 Ev increments Focus: Three-frame bracket
Self-timer:	10 s, 3s (approx.)
Movie recording:	Recording time dependent on memory card capacity and image quality. Frame rate: 15 fps
Audio recording:	Recording time dependent on memory card capacity. Monaural audio only.
White-balance control:	Automatic, Preset (Daylight, Cloudy, Tungsten, Fluorescent)
Contrast compensation:	Five levels

Color	saturation	compensation:								
	Five levels									
Sharpness settings:	Five levels									
Color balance:	Five levels for each RGB channel									
Color modes:	Standard, Cold, Warm, Black and white, Sepia									
Digital zoom:	2x									
Resize:	Creates a VGA (640x480) or QVGA (320x240) image for transmission.									
Image quality modes:	4M Fine (2272x1704) 4M Normal (2272x1704) 2M (1600 x 1200) VGA (640 x 480)									
Number of recorded pixels (Still images):	2272x1704, 1600 x 1200, 640 x 480									
Number of recorded pixels (Movie clips):	320 x 240									
Storage capacity:	Approximate storage capacity of a 16 MB SD (Secure Digital) Memory Card:									
	<table border="1"> <tr> <td>4M Fine</td> <td>4M Normal</td> <td>2M</td> <td>VGA</td> </tr> <tr> <td>8 frames</td> <td>16 frames</td> <td>33 frames</td> <td>133 frames</td> </tr> </table>	4M Fine	4M Normal	2M	VGA	8 frames	16 frames	33 frames	133 frames	
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8 frames	16 frames	33 frames	133 frames							
	* 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									
Recording media:	SD (Secure Digital) Memory Cards, MultiMediaCards, Memory Stick									
Computer interface:	Full-speed 12Mbps USB									

Battery:	One NP-600 lithium-ion battery
Battery performance (Playback):	Approximate continuous playback time: 200 min.
Battery performance (Recording):	Approximate number of recorded images: 185 frames with LCD monitor on, 4M Normal image quality (2272x1704) and flash used with 50% of the frames.
External power source:	4.7 V DC with specified AC adapter (sold separately)
Dimensions:	Width: 93.5 mm / 3.68 in. Height: 55.5 mm / 2.19 in. Depth: from 23 mm (0.91 in.) to 26 mm (1.02 in.) at the LCD monitor
Weight:	180 g / 6.3 oz. (approx.) without batteries or recording media
Operating temperature:	0-50°C / 32-122°F
Standard accessories:	Neck Strap NS-DG130 USB cable USB-810 16 MB SD (Secure Digital) Memory Card Lithium-ion Battery NP-600 Lithium-ion Battery Charger BC-600E, BC-600GB, or BC-600U DiMAGE Viewer CD-ROM
Optional accessories:	AC Adapter AC-9E, AC-9GB, or AC-9U

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 Edition, 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 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 G400 package.

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