

Technical Specifications

Number of effective pixels:	3.95 million
CCD:	1/1.8-type interline complementary-color CCD Total pixels: 4.13 million
A/D conversion:	12 bits
Camera sensitivity:	Auto, ISO 100, 200, 400, 800 equivalents
Focal length:	7.8 – 23.4mm (35mm equivalent: 38 – 114mm)
Lens construction:	8 elements in 7 groups (includes three elements with four aspheric surfaces)
Maximum aperture:	f/2.8 – f/4.7
Minimum focus distance:	Wide: 0.5 m (approx. 1.6 ft.) from CCD Telephoto: 0.5 m (approx. 1.6 ft.) from CCD
Macro focus range:	20 - 60cm (7.9 – 23.6 in.) from CCD 14.5 – 54.5 cm (5.7 – 21.5 in.) from front of lens
Maximum magnification:	0.17x (1: 5.88) Equivalent to 0.74x (1: 1.35) in 35mm format
Area covered at maximum magnification:	18.7 x 14.1mm (0.74 x 0.56 in.)
Viewfinder type:	Optical real-image zoom viewfinder
Monitor LCD:	3.8 cm (1.5 inch) low-temperature polysilicon TFT color Total number of pixels: 110,000
Shutter:	CCD electronic shutter and mechanical shutter
Shutter speed range:	4 - 1/1000s, Bulb (max. 15s)
Autofocus system:	Video AF
Autofocus areas:	Wide focus area (Area AF) Spot focus areas with Focus Area Selection
Focus modes:	Autofocus: Subject Tracking AF, Single-shot AF Full-time AF is available in the autofocus mode. Manual focus
Focus lock:	In single-shot AF and Focus Area Selection

	By pressing shutter-release button partway down
Subject lock:	In Subject Tracking AF
	By pressing shutter-release button partway down
Metering:	Multi-segment, Spot
Multi-segment metering:	256 segments
Exposure modes:	Programmed AE, Aperture priority, Shutter priority, Manual
Digital Subject Programs:	Automatic: Portrait, Sports action, Landscape, Sunset, Night portrait Manual: Portrait, Sports action, Landscape, Sunset, Night portrait, Macro
Exposure compensation:	±2 Ev in 1/3 increments
AE lock:	In single-shot AF, manual focus, and Focus Area Selection By pressing shutter-release button partway down
Flash range:	Wide: 0.5 – 2.9 m (1.6 – 9.5 ft.) (approx.) Telephoto: 0.5 – 1.7 m (1.6 – 5.6 ft.) (approx.) (Camera sensitivity: auto)
Flash modes:	In programmed AE mode: Autoflash, Autoflash with red-eye reduction, Fill flash, Flash cancel In aperture priority, shutter priority, manual exposure modes: Fill flash, Fill flash with red-eye reduction, Flash cancel
Continuous advance:	Available
Exposure bracketing:	1.0, 0.5, 0.3 Ev increments
Self-timer:	10 s (approx.)
Remote control:	IR Remote Control RC-3 (sold separately)
Movie recording:	Recording time: 35 s (max.) at 15 fps with

	monaural audio
Audio:	Voice memo: 5s or 15s with still image Audio caption: 15 s (max.) with still image Audio recording: 30 min. (max.) Monaural audio with playback volume control
Color modes:	Natural Color, Vivid Color, Black and white
White balance control:	Automatic, Preset (Daylight, Tungsten, Fluorescent, Cloudy), Custom
Sharpness settings:	Three levels (Soft, Normal, Hard)
Digital Effects Control:	Contrast compensation, Color saturation compensation, Sharpness, Color modes
Digital zoom:	x1.25, x 1.5, x 1.75, x2, x2.25, x2.5
Copy function:	Can copy single or multiple images to the same or another memory card.
E-mail copy function:	Creates a compressed VGA JPEG image for transmission.
Date imprinting:	Year/month/day (Format can be changed.) Imprinting can be disabled
Image-quality modes:	Super fine, Fine, Standard, Economy
Number of recorded pixels (Still images):	2272 x 1704, 1600 x 1200, 1280 x 960, 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: Super fine: 1 frame Fine: 7 frames Standard: 14 frames Economy: 29 frames Movie [†] : 41seconds Audio recording: 30 minutes 9 seconds

* Recorded at: 2272 x 1704 without voice memo or audio

caption

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

† Total number of seconds that can be stored.

File formats:	JPEG, TIFF Motion JPEG (MOV): with audio DCF 1.0-compliant DPOF-compliant (Supported by printing functions in ver. 1.1) WAVE
Folder name formats:	Standard, Date
Printing output control:	PRINT Image Matching, Exif Print
Recording media:	SD (Secure Digital) Memory Cards, MultiMediaCards
PC interface:	USB 1.1
AV output:	NTSC, PAL (selected on the camera)
Batteries:	One CR-V3 lithium battery or two AA Ni-MH batteries
External power source:	3V DC with specified AC adapter (sold separately)
Dimensions:	111.0(W) x 52.3(H) x 32.0(D) mm (approx. 4.33(W) x 2.06(H) x 1.26(D) in.)
Weight:	185 g (6.5 oz.) (approx.) without batteries 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 SD (Secure Digital) Memory Card (16 MB) CR-V3 lithium battery DiIMAGE Software CD-ROM (Includes DiIMAGE Viewer)
Optional accessories:	Camera Case CS-DG200

Leather Neck Strap NS-DG200

AC Adapter AC-6

IR Remote Control RC-3

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

System Requirements

IBM PC/AT compatible models with Windows XP, Windows Me, Windows 2000 Professional, Windows 98*, or Windows 98 Second Edition* and with a USB port as standard interface.

Apple Macintosh models with preinstalled Mac OS 8.6** – 9.2.2 or Mac OS X v10.1 – 10.1.3 and with a USB port as standard interface.

- 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 must install dedicated driver software included in the DiMAGE F100 package.
- ** Users with Mac OS 8.6 must download and install free driver software from the Apple Computer web site.

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- * Windows is either a registered trademark or a trademark of Microsoft Corporation in the United States and/or other countries.
- * Macintosh is a trademark or registered trademark of Apple Computer Inc.
- * Other corporate names and product names are trademarks or registered trademarks of their respective companies.