

## Technical Specifications

<b>Number of effective pixels:</b>	3.95 million
<b>CCD:</b>	1/1.8-type interline primary-color CCD Total pixels: 4.13 million
<b>A/D conversion:</b>	12 bits
<b>Camera sensitivity:</b>	Auto, ISO 64, 100, 200, 400 equivalents
<b>Focal length:</b>	7.15 – 28.6mm (35mm equivalent: 35 – 140mm)
<b>Lens construction:</b>	11 elements in 9 groups (includes one AD glass element and two double-sided aspheric elements)
<b>Maximum aperture:</b>	f/3.0 – f/3.6
<b>Minimum focus distance:</b>	Wide: 0.5 m (approx. 1.6 ft.) from CCD Telephoto: 0.9 m (approx. 3 ft.) from CCD
<b>Macro focus range:</b>	16 – 60 cm (approx. 6.3 – 23.6 in.) from CCD
<b>Maximum magnification:</b>	0.1x (1:10) Equivalent to 0.465x (1:2.15) in 35mm format
<b>Area covered at maximum magnification:</b>	74.3 x 55.7mm (approx. 2.9 x 2.2 in.)
<b>Filter diameter:</b>	35.5mm
<b>Viewfinder type:</b>	Optical real-image zoom viewfinder
<b>Monitor LCD:</b>	4.6 cm (1.8 inch) TFT color Total number of pixels: 122,000
<b>Shutter:</b>	CCD electronic shutter and mechanical shutter
<b>Shutter speeds:</b>	4 - 1/1000s, Bulb (max. 15s)
<b>Autofocus system:</b>	Video AF
<b>Autofocus areas:</b>	Wide focus area Spot focus areas with focus area selection
<b>Focus modes:</b>	Autofocus Full-time AF is available in the autofocus mode. Manual focus
<b>Metering:</b>	Multi-segment, Spot
<b>Multi-segment metering:</b>	270 segments
<b>Exposure modes:</b>	Programmed AE, Aperture priority, Manual
<b>Digital subject programs:</b>	Macro, Portrait, Landscape, Night portrait, Text, Macro & text
<b>Exposure compensation:</b>	±2 Ev in 1/3 increments

<b>Flash metering:</b>	ADI
<b>Flash range:</b>	Wide: 0.5 – 3.5 m (1.6 – 11.5 ft.) (approx.) Telephoto: 0.9 – 3.0 m (3 – 9.8 ft.) (approx.) (Camera sensitivity: auto)
<b>Flash modes:</b>	Autoflash, Autoflash with red-eye reduction, Fill-flash, Fill-flash with red-eye reduction, Flash cancel
<b>Continuous advance:</b>	Available
<b>Exposure bracketing:</b>	1.0, 0.5, 0.3 Ev increments
<b>Self-timer:</b>	10 s (approx.)
<b>Remote control:</b>	IR Remote Control RC-3 (sold separately)
<b>Movie recording:</b>	Recording time: 60 s (max.) with monaural audio Frame rate: 15 fps
<b>Audio:</b>	Voice memo: 5s or 15s monaural recording with still image
<b>Color modes:</b>	Color, Black and white
<b>White balance control:</b>	Automatic, Preset (Daylight, Tungsten, Fluorescent, Cloudy), Custom
<b>Sharpness settings:</b>	Three levels (Soft, Normal, Hard)
<b>Digital effects control:</b>	Exposure, Color saturation, Contrast compensation
<b>Digital zoom:</b>	2.2 x
<b>Date imprinting:</b>	Year/month/day (Format can be changed.) Imprinting can be disabled
<b>Image-quality modes:</b>	Economy, Standard, Fine, Super fine
<b>Number of recorded pixels (Still images):</b>	2272 x 1704, 1600 x 1200, 1280 x 960, 640 x 480
<b>Number of recorded pixels (Movie clips):</b>	320 x 240
<b>Storage capacity:</b>	Approximate storage capacity of a 16 MB CompactFlash card:
	Economy: 20 frames
	Standard: 12 frames
	Fine: 7 frames
	Super fine: 1 frame
	Movie <sup>†</sup> 52 seconds

\* Recorded pixels: 2272 x 1704

\*\* Actual number of images may vary depending upon subjects and a memory card used.

† Total number of seconds that can be stored.

**File formats:**

Exif 2.1 (JPEG, TIFF)

Motion JPEG (AVI): with audio

DCF 1.0-compliant

DPOF-compliant (Supported by printing functions in ver. 1.1)

WAVE

**Printing output control:**

PRINT Image Matching

**Recording media:**

Type I CompactFlash card

**PC interface:**

USB 1.1

**AV output:**

NTSC, PAL (selected on the camera)

**Batteries:**

Four AA alkaline or Ni-MH batteries

Use of Ni-MH batteries is recommended.

**Battery performance**

**(Playback):**

Approximate continuous playback time: 90 min.

Based on Minolta's standard test method with alkaline batteries.

Approximate continuous playback time: 110 min.

Based on Minolta's standard test method with Ni-MH batteries.

**Battery performance**

**(Recording):**

Approximate number of recorded images: 40 frames

Based on Minolta's standard test method: Alkaline batteries, LCD monitor on, Full-size images (2272X1704), Standard image quality, No instant playback, No voice memo, Flash used with 50% of the frames.

Approximate number of recorded images: 150 frames

Based on Minolta's standard test method: Ni-MH batteries, LCD monitor on, Full-size images (2272X1704), Standard image quality, No instant playback, No voice memo, Flash used with 50% of the frames.

**External power source:**

6V DC with specified AC adapter (sold separately)

**Dimensions:**

113.5(W) x 64.5(H) x 58.5(D) mm

(approx. 4.5(W) x 2.5(H) x 2.3(D) in.)

**Weight:**

335g (11.8 oz.) (approx.) without batteries or recording media

**Operating temperature:**

0-40°C (32-104°F)

- Standard accessories:**
- Four AA Alkaline Batteries
  - Neck Strap NS-DG304
  - Lens Cap LF-236
  - AV Cable AVC-100
  - USB Cable USB-600
  - CF (CompactFlash) Card (16MB)
  - DiIMAGE software CD-ROM for DiIMAGE S404
  - CD-ROM for ArcSoft PhotoImpression
- Optional accessories:**
- Camera Case CS-DG304
  - IR Remote Control RC-3
  - External High Power Battery Pack Kit (EBP-100)
  - AC Adapter AC-1L or AC-2L

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\*\* – 9.2.1 or Mac OS X v10.1 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 of the Windows 98 and Windows 98 Second Edition must install dedicated driver software included in the DiMAGE S404 package.

\*\* Users of the Mac OS 8.6 must download free dedicated driver software from the Apple Computer web site and install it.

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

- \* Windows is either registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.
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