

## DiMAGE S304

### Technical Specifications

<b>CCD:</b>	1/1.8-type interline primary-color CCD with a total of 3.34 million pixels
<b>Number of effective pixels:</b>	3.17 million
<b>A/D conversion:</b>	12 bits
<b>Camera sensitivity:</b>	Auto, ISO 100, 200, 400, 800 (ISO equivalent)
<b>Aspect ratio:</b>	4:3
<b>Focal length:</b>	7.15 – 28.6mm (35 mm equivalent: 35 – 140mm)
<b>Lens construction:</b>	11 elements in 9 groups (includes 1 AD glass element and 2 double-sided aspheric elements)
<b>Maximum aperture:</b>	f/3.0 – f/3.6
<b>Minimum focus distance:</b>	Wide: approx. 0.5 m (from the CCD) Tele: approx. 0.9 m (from the CCD)
<b>Macro focus range:</b>	Approx. 16 – 60 cm (from the CCD)
<b>Maximum magnification:</b>	0.1X
<b>Optical zooming control:</b>	Power zoom
<b>Filter diameter:</b>	35.5mm
<b>Viewfinder type:</b>	Optical real-image zoom viewfinder
<b>LCD monitor:</b>	46mm (1.8 inch) TFT color Total number of pixels: 122,000
<b>Field of view:</b>	Optical viewfinder: 80% (approx.) LCD monitor: 100% (approx.)
<b>Shutter:</b>	CCD electronic shutter and mechanical shutter
<b>Shutter speeds:</b>	1/1000s - 4 s, Bulb (max. 15s)
<b>Autofocus system:</b>	Video AF
<b>Autofocus areas:</b>	Wide focus area Focus Area Selection
<b>Focus modes:</b>	Autofocus Full-time AF is available in the autofocus mode. Manual focus
<b>Focus lock:</b>	By pressing the shutter-release button partway down
<b>Metering:</b>	Multi-segment, Spot
<b>Multi-segment metering:</b>	256 segments
<b>Exposure modes:</b>	Programmed AE, Aperture priority, Manual



Standard: 16 frames  
Economy: 27 frames  
Movie<sup>†</sup>: 70 seconds

\*Recorded pixels: 2048 x 1536

\*\*Actual number of images may vary depending upon subjects.

<sup>†</sup>Total number of seconds that can be stored

**File format:**

Exif 2.1 (JPEG, TIFF)

Motion JPEG (AVI): with audio

WAVE

DCF 1.0-compliant

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

**Exif tag information:**

Date and time, Exposure mode, Shutter speed, Aperture value, Exposure compensation value, Metering method, Flash on/off, Camera sensitivity, White balance setting, Focal length, Color space, etc.

**Printing output control:**

PRINT Image Matching

**Recording media:**

Type I CompactFlash card

**PC interface:**

USB ver. 1.1

**AV output:**

NTSC, PAL (selected on the camera)

**Audio signals:**

Tone indicates operation; includes “shutter” sound effect.  
Audio signal can be disabled.

**Batteries:**

4 AA batteries (alkaline, Ni-MH)  
Use of Ni-MH batteries is recommended.

**External power source:**

6V DC with specified AC adapter (sold separately)

**Dimensions:**

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

**Weight:**

Approx. 335g (without batteries or recording media)

**Operating temperature:**

0-40 °C

**Standard accessories:**

AA	Alkaline	Batteries
Neck Strap	for DiIMAGE S304	NS-DG304
Lens Cap	for DiIMAGE S304	LF-236
AV Cable	for DiIMAGE S304	AVC-100
USB Cable	for DiIMAGE S304	USB-200
CF Card		(16MB)
DiIMAGE software	CD-ROM for DiIMAGE S304	
CD-ROM for ArcSoft PhotoImpression		

**Optional accessories:**

Camera Case	for DiIMAGE S304	CS-DG304
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IR Remote control RC-3

External High Power Battery Pack Kit (EBP-100)

AC Adapter AC-1L or AC-2L

- AC Adapter AC-1L  
INPUT: 100 - 120V AC, 50/60Hz; OUTPUT: 6V DC, 2A
- AC Adapter AC-2L  
INPUT: 100 - 240V AC, 50/60Hz; OUTPUT: 6V DC, 2A

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

## System Requirements

IBM PC/AT compatible computer with preinstalled Windows Me, Windows 2000, Windows 98\*, or Windows 98 Second Edition\* and with a built-in USB port as a standard interface.

Power Mac G4 (includes dual processor G4 and G4 Cube) series, G3 (Blue and White) series, iMac series, iBook, or PowerBook G3 with preinstalled Mac OS 8.6\*\* – 9.1 and with a built-in USB port as a standard 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 S304 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.
- \* Macintosh is a trademark or registered trademark of Apple Computer Inc.
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