DiMAGE S304 Technical Specifications

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

	Digital subject program selection (Macro, Portrait, Landscape, Night portrait, Text)						
Exposure compensation:	±2 Ev in 1/3 increments						
AE lock:	By pressing the shutter-release button partway down						
Flash metering:	ADI						
Flash range:	Wide:	0.5	-	3.5m	I	(approx.)	
	Telephoto:	0.9	-	3n	n	(approx.)	
	(Camera sens	itivity: auto)					
Flash modes:	Autoflash, Au	toflash with	red-eye	reducti	ion, Fill	-flash, Fill-	
	flash with red-eye reduction, Flash cancel						
Recycling time:	7 s (approx.)						
Exposure bracketing:	1.0, 0.5, 0.3 Ev increments						
	Number of brackets: 3 frames						
Self-timer:	10 s (approx.)						
Remote control:	IR Remote Co	· ·		rately)			
Movie recording:	Movie clips with audio: 60 s (max.)						
Audio:	Audio	with		movie)	clips	
	Audio with still images (voice memo)						
Color modes:	Color, Black a	nd white					
White balance control:	Automatic, Preset (Daylight, Tungsten, Fluorescent, Cloudy),						
	Custom						
Sharpness settings:	Three levels (S	Soft, Normal	, Hard)				
Digital Effects Control:	Exposure, Col	or saturation	i, Contras	t compe	ensation		
Digital zoom:	2X						
Delete function:	Single, multiple	e, or all fram	es can be	e delete	d.		
Format function:	Available in the	e setup mod	е				
Date imprinting:	Year/month/da	ıy (Forn	nat c	an	be	changed.)	
	Imprinting can	be disabled					
Image-quality modes:	Economy, Sta	ndard, Fine,	Super fin	е			
Number of recorded pixels (Still images):						
	2048 x 1536, 1	1600 x 1200,	, 1280 x 9	60, 640) x 480		
Number of recorded pixels (Movie clips):						
	320 x 240						
Storage capacity:	Approximate s	torage capa	city of a 1	6 MB C	ompact	Flash card:	
	Super fine:	1				frame	
	Fine:	9				frames	

	Standard:	16		frames		
	Economy:	27		frames		
	Movie [†] :	70 seconds				
	*Recorded	pixels:	2048 x	1536		
	**Actual number of images may vary depending upon subj					
	[†] 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, Exposu	re compensation	value, Metering me	ethod, Flash		
	on/off, Camera sensitivity, White balance setting, Focal					
	length, Color space, etc.					
Printing output control:	PRINT Image	Matching				
Recording media:	Type I Compa	ctFlash card				
PC interface:	USB ver. 1.1					
AV output:	NTSC, PAL (selected on the camera)					
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Audio signals:	•		udes "shutter" s	ound effect.		
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Audio signals:	Tone indicates Audio signal c 4 AA	s operation; inclu an be disabled.	udes "shutter" s (alkaline,			
Audio signals:	Tone indicates Audio signal c 4 AA Use of Ni-MH	s operation; inclu an be disabled. batteries batteries is recor	udes "shutter" s (alkaline,	Ni-MH)		
Audio signals: Batteries:	Tone indicates Audio signal c 4 AA Use of Ni-MH 6V DC with sp	s operation; inclu an be disabled. batteries batteries is recor	udes "shutter" s (alkaline, mmended. er (sold separately)	Ni-MH)		
Audio signals: Batteries: External power source:	Tone indicates Audio signal c 4 AA Use of Ni-MH 6V DC with sp 113.5(W) x 64 Approx. 335g	s operation; inclu an be disabled. batteries batteries is recor ecified AC adapt .5(H) x 58.5(D) m	udes "shutter" s (alkaline, mmended. er (sold separately)	Ni-MH)		
Audio signals: Batteries: External power source: Dimensions: Weight: Operating temperature:	Tone indicates Audio signal c 4 AA Use of Ni-MH 6V DC with sp 113.5(W) x 64 Approx. 335g 0-40 °C	s operation; inclu an be disabled. batteries batteries is recor ecified AC adapt .5(H) x 58.5(D) m	udes "shutter" s (alkaline, mmended. er (sold separately) nm	Ni-MH)) ia)		
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Audio signals: Batteries: External power source: Dimensions: Weight: Operating temperature:	Tone indicates Audio signal c 4 AA Use of Ni-MH 6V DC with sp 113.5(W) x 64 Approx. 335g 0-40 °C AA Neck Stra Lens Cap	s operation; inclu an be disabled. batteries batteries is recor becified AC adapt .5(H) x 58.5(D) m (without batteries Alkalin p for DiM p for DiM	udes "shutter" s (alkaline, mmended. er (sold separately nm s or recording med e MAGE S304 iMAGE S304	Ni-MH)) ia) Batteries NS-DG304 LF-236		
Audio signals: Batteries: External power source: Dimensions: Weight: Operating temperature:	Tone indicates Audio signal c 4 AA Use of Ni-MH 6V DC with sp 113.5(W) x 64 Approx. 335g 0-40 °C AA Neck Stra Lens Cap AV Cable	s operation; inclu an be disabled. batteries batteries is recor ecified AC adapt .5(H) x 58.5(D) m (without batteries Alkalin p for Difu- o for Difu-	udes "shutter" s (alkaline, mmended. er (sold separately) nm s or recording medi e MAGE S304 iMAGE S304 MAGE S304	Ni-MH) ia) Batteries NS-DG304 LF-236 AVC-100		
Audio signals: Batteries: External power source: Dimensions: Weight: Operating temperature:	Tone indicates Audio signal c 4 AA Use of Ni-MH 6V DC with sp 113.5(W) x 64 Approx. 335g 0-40 °C AA Neck Stra Lens Cap AV Cable USB Cab	s operation; inclu an be disabled. batteries batteries is recor ecified AC adapt .5(H) x 58.5(D) m (without batteries Alkalin p for Difu- o for Difu-	udes "shutter" s (alkaline, mmended. er (sold separately nm s or recording med e MAGE S304 iMAGE S304	Ni-MH)) ia) Batteries NS-DG304 LF-236		
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IRRemotecontrolRC-3External 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 printingandaresubjecttochangewithoutnotice.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.

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