

MINOLTA DiMAGE S304 DIGITAL CAMERA

Specifications

CCD	1/1.8 inch-type interline CCD with a total of 3.34 million pixels and a primary color filter
Number of effective pixels	3.17 million
A/D conversion	12 bits
Sensitivity	Auto, Equivalent to ISO 100, 200, 400 and 800
Aspect ratio	4:3
Focal length	7.15 – 28.6mm (equivalent to 35mm - 140mm in 35mm format)
Lens construction	11 elements in 9 groups (including 1 AD glass element and 2 double-sided aspheric elements)
Maximum aperture	f/3.0 – f/3.6
Focusing range	Wide approximately 1.6 feet (0.5m) from the CCD to infinity Telephoto: approximately 3 feet (0.9m) from the CCD to infinity
Macro focus range	Approximately 6.3 – 23.6 inches (16cm to 60cm) from the front of the lens
Maximum magnification	0.1x
Optical zooming control	Power zoom
Threaded filter diameter	35.5mm
Viewfinder	Optical real-image zoom viewfinder
Liquid Crystal Display (LCD)	46mm (1.8-inch) TFT color LCD monitor with total 122,000 pixels
Field of view	Optical viewfinder: approximately 80%, LCD monitor: approximately 100%
Shutter	CCD electronic shutter and mechanical shutter
Shutter speed	4 seconds – 1/1000 second, plus bulb (maximum 15 seconds)
Autofocus	Video AF system
Autofocus areas	Wide focus area, Focus Area Selection
Focus modes	Autofocus (Full-time AF is available) Manual focus
Focus lock	Available with pressing the shutter button part-way down
Metering	256 multi-segments and spot
Exposure modes	Programmed AE, aperture priority and manual modes Digital subject program selection (Macro, Portrait, Landscape, Night Portrait, Text)
Exposure compensation	+/- 2 EV (in 1/3 EV increments)
AE lock	Available with pressing the shutter button part-way down
Flash metering	ADI (Advanced Distance Integration)
Flash range	Wide: approximately 1.6 – 11.5 feet (0.5-3.5m) Telephoto: approximately 3 – 9.8 feet (0.9-3m) (Camera sensitivity: auto)
Flash mode	Autoflash, Autoflash with red-eye reduction, Fill-flash, Fill-flash with red-eye reduction, Flash cancel
Flash recycling time	Approximately 7 seconds
Continuous drive advance	TBA
Exposure Bracketing	1.0, 0.5, 0.3 EV increments Number of brackets: 3 frames
Self-timer	Approximately 10-second delayed release

Remote control	IR Remote Control RC-3 (sold separately)
Movie recording	Movie clips with audio (maximum 60 seconds)
Audio	Audio with movie clips Audio with still images (voice memo)
Operating speed	TBA
Color modes	Color, black and white
White balance	Automatic, Preset (Daylight, Tungsten, Fluorescent and Cloudy) and Custom
Sharpness settings	Three levels (Soft, Normal, Hard)
Digital Effects Control	Exposure, Color saturation, Contrast compensation
Digital zoom	2x
Delete function	Available (single frame, all frames or specified frames)
Format function	Available in the setup mode
Data imprinting	Year/month/day (Format can be changed), Imprinting can be disabled
Image compression mode	Super Fine, Fine, Standard, Economy
Number of pixels	Still images: 2048x1536, 1600x1200, 1280x960, 640x480 Movie: 320x240
Storage capacity (16 MB)	Super Fine: 1, Fine: 9, Standard: 18, Economy: 31, Movie: 69 seconds <i>*Recorded pixels: 2048x1536. The actual number of images is approximate and may vary depending upon subjects</i>
File format	Exif 2.1(JPEG, TIFF), Motion JPEG (AVI) with audio and WAVE DCF 1.0-compliant, DPOF-compliant (Supported by printing functions in version 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 medium	CompactFlash card Type I
PC interface	USB version 1.1
Video output	NTSC, PAL (can be selected by user)
Audio signals	Tone indicates operation: includes 'shutter' sound effect. Audio signal can be disabled.
Power	Four AA Alkaline or four AA Ni-MH batteries (Use of Ni-MH batteries is recommended.)
Battery performance	TBA
External power source	6V DC with specified AC adapter (sold separately)
Dimensions (WxHxD)	4.46 x 2.5 x 2.3 inches (113.5 x 64.5 x 58.5 mm)
Weight	Approximately 7 ounces (320g) (without batteries and CompactFlash card)
System Requirements	IBM PC/AT compatible computer with Windows ME, Windows 2000, Windows 98 or Windows 98 SE and a built-in USB port Power Macintosh G4 series, G3 series, Imac series, iBook or PowerBook G# with Mac OS 8.8 – 9.1 and a built-in USB port
Accessories	Standard: Neck Strap, Lens Cap, USB Cable, Video Cable, 16MB CompactFlash Card, AA alkaline batteries, DiMAGE Image Viewer Utility CD-ROM, CD-ROM for ArcSoft PhotoImpression Optional: Camera Case CS-DG7, IR Remote Control RC-3, External High Power Battery Pack Kit EBP-100, AC Adapter AC-1L

Specifications, accessories and system requirements are subject to change without notice.