

MINOLTA DiMAGE S404 DIGITAL CAMERA

Specifications

Number of effective pixels	3.95 million
CCD	1/1.8 inch-type interline primary-color CCD Total pixels: 4.13 million
A/D conversion	12 bits
Sensitivity	Auto, Equivalent to ISO 64, 100, 200, 400
Focal length	7.15 – 28.6mm (equivalent to 35mm - 140mm in 35mm format)
Lens construction	11 elements in 9 groups (including one AD glass element and two 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 CCD
Maximum magnification	0.1x (equivalent to 0.465x (1:2.15) in 35mm format)
Area covered at maximum magnification	2.9 x 2.2 inches (74.3 x 55.7mm)
Threaded filter diameter	35.5mm
Viewfinder	Optical real-image zoom viewfinder
Liquid Crystal Display (LCD)	1.8-inch (46mm) TFT color LCD monitor Total number of pixels: 122,000 pixels
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, spot focus with focus area selection
Focus modes	Autofocus (Full-time AF is available) Manual focus
Metering	270 multi-segments and spot
Exposure modes	Programmed AE, aperture priority and manual modes Digital subject program selection (Macro, Portrait, Landscape, Night Portrait, Text, Macro & Text)
Exposure compensation	+/- 2 EV (in 1/3 EV increments)
Flash metering	ADI (Advanced Distance Integration)
Flash range	Wide: approximately 1.6 – 11.5 feet (0.5 – 3.5 m) Telephoto: approximately 3 – 9.8 feet (0.9 – 3 m) (Camera sensitivity: auto)
Flash mode	Autoflash, Autoflash with red-eye reduction, Fill-flash, Fill-flash with red-eye reduction, Flash cancel
Continuous drive advance	Available
Exposure Bracketing	1.0, 0.5, 0.3 EV increments
Self-timer	Approximately 10-second delayed release
Remote control	IR Remote Control RC-3 (sold separately)
Movie recording	60 seconds (max) with monaural audio. Frame rate: 15 fps
Audio	Voice memo: 5 or 15 seconds (max) monaural recording with still image
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	2.2x
Date imprinting	Year/month/day (Format can be changed), imprinting can be disabled

Image-quality modes	Super Fine, Fine, Standard, Economy
Number of pixels	Still images: 2272x1704, 1600x1200, 1280x960, 640x480 Movie: 320x240
Storage capacity (16MB)	Approximate storage capacity of 16 MB CompactFlash Card: Economy: 20 frames; Standard: 12 frames; Fine: 7 frames; Superfine: 1 frame Movie: 52 seconds (total number of seconds that can be stored) <i>Recorded pixels: 2272 x 1704</i> <i>Actual number of images may vary depending upon subjects and memory card used.</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)
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)
Power	Four AA Alkaline or four AA Ni-MH batteries (Use of Ni-MH batteries is recommended.)
Battery performance	Playback: Approximate continuous playback time: 100 minutes (based on Minolta's standard test method with alkaline batteries. Approximate continuous playback time: 110 minutes (based on Minolta's standard test method with Ni-MH batteries. Recording: Approximate number of recorded images: 50 frames. (Based on Minolta's standard test method: alkaline batteries, LCD monitor on, Full size images (2272 x 1704), Standard image quality, no instant playback, no voice memo, flash used 50% of the frame.) Approximate number of recorded images: 150 frames. (Based on Minolta's standard test method: Ni-MH batteries, LCD monitor on, Full size images (2272 x 1704), Standard image quality, no instant playback, no voice memo, flash used 50% of the frame.)
External power source	6V DC with specified AC adapter (sold separately)
Dimensions (WxHxD)	4.5 x 2.5 x 2.3 inches (113.5 x 64.5 x 58.5 mm)
Weight	Approximately 11.8 ounces (335g) (without batteries and CompactFlash card)
System Requirements	IBM PC/AT compatible computer with Windows XP, Windows Me, Windows 2000 Professional, Windows 98* or Windows 98 SE* and a USB port as standard interface Apple Macintosh models with preinstalled Mac OS 8.6** – 9.2.1 or MacOS X v10.1 and a USB port as standard interface <i>* Users of the Windows 98 and Windows 98 SE must install dedicated driver software included in the DiMAGE S404 package.</i> <i>** Users of the Mac OS 8.6 must download free dedicated driver software from the Apple Computer web site and install it.</i>
Accessories	<i>Standard:</i> Neck Strap, Lens Cap, USB Cable, AV Cable, 16MB CompactFlash Card, AA alkaline batteries, DiMAGE software CD-ROM for DiMAGE S404 (includes DiMAGE Image Viewer Utility), CD-ROM for ArcSoft PhotoImpression <i>Optional:</i> Camera Case CS-DG304, 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.
Please see the www.minoltausa.com website for the most updated specifications and system requirements.*

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