

MINOLTA DiIMAGE 7 DIGITAL CAMERA Specifications

CCD	2/3 inch-type interline CCD with a total of 5.24 million pixels and a primary color filter
Number of effective pixels	4.95 million pixels (2568x1928)
A/D conversion	12 bits
Sensitivity	Auto, Equivalent to ISO 100, 200, 400 and 800
Aspect ratio	4:3
Focal length	7.2mm – 50.8mm (equivalent to 28mm - 200mm in 35mm format)
Lens construction	All glass: 16 elements in 13 groups (including two AD glass elements and two aspheric surfaces)
Maximum aperture	f/2.8 – f/3.5
Focusing range	1.6 feet (0.5m) from the CCD to infinity
Minimum Macro focus distance	Approximately 5 inches (13cm) from the front of the lens
Maximum magnification	0.18x
Optical zooming control	Manual zooming ring
Threaded filter diameter	49mm
Viewfinder	EVF (Electronic viewfinder) with ferroelectric 0.19 inch reflective liquid crystal microdisplay with equivalent resolution of 220,000 pixels with automatic monitor amplification and electronic magnification. Magnification 0.31-2.1x. 90-degree variable position
Liquid Crystal Display (LCD)	46mm (1.8-inch) TFT color LCD monitor with total 122,000 pixels
Display-mode switch	Auto-display, electronic-viewfinder display and external LCD monitor display mode
Field of view	EVF and external LCD monitor: approximately 100%
Diopter control	Continuously variable; -5 to +0.5 diopter
Eye relief	20mm from the eyepiece
Shutter	CCD electronic shutter and mechanical shutter
Shutter speed	4 seconds – 1/2000 second, plus bulb (maximum 30 seconds)
Autofocus	Video AF system
Autofocus areas	Wide focus area, Spot focus point, Flex Focus Point control is available with the spot focus point
Focus modes	Autofocus: Single-shot AF, Continuous AF Manual focus
Focus lock	Available with AF/AE-lock button or by pressing the shutter-release button part-way down
Metering	300 multi-segment, center-weighted and spot
Exposure control range	Wide: EV1-17, Telephoto: EV1.6-17.7
Exposure modes	Programmed autoexposure (AE) (with program shift), aperture priority, shutter priority and manual modes Digital subject program selection (Portrait, Sports action, Sunset, Night portrait, Text)
Exposure compensation	+/- 2 EV (in 1/3 EV increments)
AE lock	Available with AF/AE button or by pressing the shutter-release button part-way down
Flash metering	ADI (Advanced Distance Integration), Pre-flash TTL
Built-in flash range	Wide: approximately 1.6 – 12.5 feet (0.5-3.8m), Telephoto: approximately 1.6 – 9.8 feet (0.5-3m) (Camera sensitivity: auto)
Flash mode	Fill-flash, Red-eye reduction, Rear flash sync

Built-in flash recycling time	Approximately 7 seconds
Flash compensation	+/- 2EV (in 1/3 EV increments)
Flash-sync speeds	All shutter speeds
Dedicated external flash	Auto-flash metering with Program Flash 3600HS(D), Program Flash 5600HS(D), Macro Twin Flash 2400*, Macro Ring Flash 1200* <i>*Macro Flash Controller is necessary.</i>
Continuous drive advance	1.1 fps (max.) <i>* Continuous advance speed is approximate and may vary depending upon the subject and shooting conditions.</i> <i>* Continuous advance is not available for images recorded in the super fine or RAW mode</i>
Interval recording	2-99 frames Interval time: 1-10 minutes, 15 minutes, 20 minutes, 30 minutes, 45 minutes, 60 minutes
Digital Enhanced Bracketing	Exposure, Contrast, Color saturation Exposure in full stop, 1/2 stop, and 1/3 EV increments Contrast and Color saturation in fixed increments Number of brackets: 3 frames
Electronic Self-timer	Approximately 10-second delayed release
Movie recording	Maximum 60 seconds
Operating speed	Start-up time: approximately 2.6 seconds Shutter-release time lag: approximately 0.13 second Capturing interval: approximately 0.9 second Playback loading interval: approximately 0.2 second
Color modes	Color, Black and White
White balance	Automatic, Preset (Daylight, Tungsten, Fluorescent and Cloudy) plus 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), Month/day/time, Text, Text and serial numbers, Imprinting can be disabled
Image compression mode	Raw, Super Fine, Fine, Standard, Economy
Number of pixels	Still images: 2560x1920, 1600x1200, 1280x960, 640x480 Movie: 320x240
Storage capacity (16 MB)	Raw: 1, Super Fine: 1, Fine: 6, Standard: 12, Economy: 20, Movie: 90 seconds <i>*Recorded pixels: 2560x1920. The actual number of images is approximate and may vary depending upon subjects</i>
File format	Exif 2.1(JPEG, TIFF), Motion JPEG (AVI) and RAW 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 and Type II IBM Microdrive (340MB, 512MB, 1GB)
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)	Continuous playback time: approximately 110 minutes <i>Based on Minolta's standard test method: Ni-MH batteries, external LCD monitor on, EVF off</i>
Battery performance (Recording)	Number of recorded images: approximately 200 frames <i>Based on Minolta's standard test method: Ni-MH batteries, EVF on, external LCD monitor off, flash used with 50% of the frames, no instant playback</i>
External power source	6V DC with specified AC adapter (sold separately)
Dimensions (WxHxD)	4.6 x 3.6 x 4.5 inches (116.5 x 90.5 x 112.5 mm)
Weight	Approximately 17 ounces (505g) (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, PowerBook G3 with Mac OS 8.6 – 9.1 and a built-in USB port
Accessories	<i>Standard:</i> Neck Strap, Lens Cap, Lens Shade, Accessory Shoe Cap, USB Cable, Video Cable, 16MB CompactFlash Card, AA alkaline batteries, DiMAGE Image Viewer Utility CD-ROM <i>Optional:</i> Camera Case CS-DG7, External High Power Battery Pack Kit EBP-100, Remote Codes RC-1000S and RC-1000L, AC Adapter AC-1L

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

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