

## MINOLTA DiIMAGE 7 DIGITAL CAMERA

### *Specifications*

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

<b>Built-in flash recycling time</b>	Approximately 7 seconds
<b>Flash compensation</b>	+/- 2EV (in 1/3 EV increments)
<b>Flash-sync speeds</b>	All shutter speeds
<b>Dedicated external flash</b>	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>
<b>Continuous drive advance</b>	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>
<b>Interval recording</b>	2-99 frames Interval time: 1-10 minutes, 15 minutes, 20 minutes, 30 minutes, 45 minutes, 60 minutes
<b>Digital Enhanced Bracketing</b>	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
<b>Electronic Self-timer</b>	Approximately 10-second delayed release
<b>Movie recording</b>	Maximum 60 seconds
<b>Operating speed</b>	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
<b>Color modes</b>	Color, Black and White
<b>White balance</b>	Automatic, Preset (Daylight, Tungsten, Fluorescent and Cloudy) plus Custom
<b>Sharpness settings</b>	Three levels (Soft, Normal, Hard)
<b>Digital Effects Control</b>	Exposure, Color saturation, Contrast compensation
<b>Digital zoom</b>	2x
<b>Delete function</b>	Available (single frame, all frames or specified frames)
<b>Format function</b>	Available in the setup mode
<b>Data imprinting</b>	Year/month/day (Format can be changed), Month/day/time, Text, Text and serial numbers, Imprinting can be disabled
<b>Image compression mode</b>	Raw, Super Fine, Fine, Standard, Economy
<b>Number of pixels</b>	Still images: 2560x1920, 1600x1200, 1280x960, 640x480 Movie: 320x240
<b>Storage capacity (16 MB)</b>	Raw: 1, Super Fine: 15, 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>
<b>File format</b>	Exif 2.1(JPEG, TIFF), Motion JPEG (AVI) and RAW DCF 1.0-compliant, DPOF-compliant (Supported by printing functions in version 1.1)
<b>Exif tag information</b>	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.
<b>Printing output control</b>	PRINT Image Matching
<b>Recording medium</b>	CompactFlash card Type I and Type II IBM Microdrive (170MB, 340MB, 512MB, 1GB)
<b>PC interface</b>	USB version 1.1
<b>Video output</b>	NTSC, PAL (can be selected by user)

<b>Power</b>	Four AA Alkaline or four AA Ni-MH batteries (Use of Ni-MH batteries is recommended.)
<b>Battery performance (Playback)</b>	Continuous playback time: approximately 110 minutes <i>Based on Minolta's standard test method: Ni-MH batteries, external LCD monitor on, EVF off</i>
<b>Battery performance (Recording)</b>	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>
<b>External power source</b>	6V DC with specified AC adapter (sold separately)
<b>Dimensions (WxHxD)</b>	4.6 x 3.6 x 4.5 inches (116.5 x 90.5 x 112.5 mm)
<b>Weight</b>	Approximately 17 ounces (505g) (without batteries and CompactFlash card)
<b>System Requirements</b>	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
<b>Accessories</b>	<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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