

KONICA MINOLTA DiMAGE A200 DIGITAL CAMERA

Specifications

Number of Effective pixels	8.0 million
CCD	2/3-type interlaced primary-color CCD Total pixels: 8.3 million
A/D Conversion	12 bit
Camera Sensitivity	Auto, ISO 50, 100, 200, 400, 800 equivalents
Focal Length	7.2 – 50.8mm (35mm equivalent: 28 - 200mm)
Lens Construction	16 elements in 13 groups (includes two AD glass elements and two aspheric elements)
Maximum Aperture	f/2.8 – f/3.5
Minimum Focus Distance	1.6 ft. (0.5m) from CCD
Macro Focus Range	Wide-angle position: 11.8 – 23.6 in. (30 – 60 cm) from CCD 8.3 – 20 in. (21 – 51 cm) from front of lens Telephoto position: 9.8 – 23.6 in. (25 – 60 cm) from CCD 5.1 – 19.7 in. (13 – 50 cm) from front of lens
Maximum Magnification	0.18x (Equivalent to 0.7x in 35mm format)
Area Covered at Maximum Magnification	2.05 x 1.54 in. (52 x 39 mm)
Optical Zooming Control	Manual zooming ring
Filter Diameter	49mm
Viewfinder Type	EVF (Electronic viewfinder)
Viewfinder LCD	0.44-inch TFT liquid-crystal microdisplay Total pixels: 235,000 pixels
LCD Monitor	1.8-inch TFT color, Vari-angle LCD monitor Total pixels: 134,000
Automatic Monitor Amplification	Activates in low light.
Field of View	EVF: Approximately 100% External LCD monitor: Approximately 100 %
Display-mode Switch	Electronic-viewfinder display, External LCD-monitor display
Diopter Control	-5 ~ +2 m ⁻¹
Eye Relief	22 mm at -1 m ⁻¹
Shutter	CCD electronic shutter and mechanical shutter
Shutter Speed Range	30 - 1/3200 second (30 – 1/1600 second in S, M - mode) Bulb (maximum 30 seconds)
Autofocus System	Video AF
Autofocus Areas	Wide focus area, 11 point selectable, Spot focus point

	Flex Focus Point control is available with the spot focus point.																														
Focus Modes	Autofocus: Single-shot AF, Continuous AF, Full-time AF, Manual focus or Flex Digital Magnifier (FDM), Automatic-magnification																														
Focus Lock	By pressing shutter-release button partway down.																														
Metering	Multi-segment, Center-weighted, Spot (center or with Flex Focus Point)																														
Multi-segment Metering	256 segments																														
Exposure Control Range	Programmed AE and aperture-priority modes: Wide: EV -1 - 18 Telephoto: EV -0.5 - 18 Shutter-priority and manual modes: Wide: EV - 2 - 18 Telephoto: EV - 1.5 - 18																														
Exposure Modes	Programmed AE (with program shift), Aperture priority, Shutter priority, Manual																														
Digital Subject Programs	Portrait, Sports action, Sunset, Night portrait/Night View																														
Exposure Compensation	± 2 EV in 1/3 increments																														
AE Lock	With AE-lock button or by pressing the shutter-release button partway down																														
Flash Control	Automatic and Manual flash control																														
Flash Range	Wide: Approximately 1.6 - 12.5 ft. (0.5 - 3.8m) Telephoto: Approximately 1.6 - 9.8 ft. (0.5 - 3.0m) (Camera sensitivity: auto)																														
Flash Modes	Fill-flash, Red-eye reduction, Rear flash sync, Slow sync																														
Flash Recycling Time	Approximately 5 seconds																														
Flash Compensation	± 2 EV in 1/3 increments																														
Flash-sync Speed	All shutter speeds																														
External Flashes	Auto-flash metering with Program/Maxxum Flash 2500 (D), 3600HS (D), 5600HS (D), Macro Twin Flash 2400,* Macro Ring Flash 1200.* <i>*Macro Flash Controller is necessary.</i>																														
Continuous Advance	- UHS continuous advance: 10 frames per second (640x480) - High-speed continuous advance: Maximum 2.3 frames per second - Standard continuous advance: Maximum 2.0 frames per second <i>Actual speed may vary depending upon the subject and camera settings.</i> Approximate number of frames that can be captured at one time in standard continuous advance: <table><tr><td></td><td>3264x2448</td><td>2560x1920</td><td>2080x1560</td><td>1600x1200</td><td>640x480</td></tr><tr><td>RAW</td><td>5 frames</td><td>-</td><td>-</td><td>-</td><td></td></tr><tr><td>Extra fine</td><td>5 frames</td><td>5 frames</td><td>5 frames</td><td>5 frames</td><td>5 frames</td></tr><tr><td>Fine</td><td>5 frames</td><td>5 frames</td><td>5 frames</td><td>5 frames</td><td>5 frames</td></tr><tr><td>Standard</td><td>5 frames</td><td>5 frames</td><td>5 frames</td><td>5 frames</td><td>5 frames</td></tr></table> <i>*Actual number of images may vary depending upon the subject and camera settings.</i>		3264x2448	2560x1920	2080x1560	1600x1200	640x480	RAW	5 frames	-	-	-		Extra fine	5 frames	5 frames	5 frames	5 frames	5 frames	Fine	5 frames	5 frames	5 frames	5 frames	5 frames	Standard	5 frames	5 frames	5 frames	5 frames	5 frames
	3264x2448	2560x1920	2080x1560	1600x1200	640x480																										
RAW	5 frames	-	-	-																											
Extra fine	5 frames	5 frames	5 frames	5 frames	5 frames																										
Fine	5 frames	5 frames	5 frames	5 frames	5 frames																										
Standard	5 frames	5 frames	5 frames	5 frames	5 frames																										
Exposure Bracketing	Three-frame bracket in 0.5 and 0.3 EV increments																														
Digital Enhanced Bracketing	White balance <i>*changeable increments</i>																														
Self-timer	Approximately 10 seconds, 2 seconds																														
Remote-control	Included																														

Movie	- Standard movie mode: Maximum 15 minutes - Night movie mode: Maximum 15 minutes																																																	
Color Modes	Natural Color (sRGB), Vivid Color (sRGB), Portrait (sRGB), Adobe RGB (ICC), Black and white (neutral and toned)																																																	
White-balance Control	Automatic Preset; Daylight, Tungsten, Shade, Cloudy, Flash, and Fluorescent (1, 2) settings Custom (two settings)																																																	
Sharpness Settings	Three levels (Soft, Normal, Hard)																																																	
Digital Effect Control	Color saturation, Contrast compensation, Filter																																																	
Noise Reduction	Available (ON/OFF selectable)																																																	
Digital Zoom	Normal mode and interpolate mode selectable. Normal mode: 2x (maximum) / Interpolate mode : 4x (maximum)																																																	
Data Imprinting	Year/month/day (Format can be changed.) Month/day/hour:minute																																																	
Image-quality Modes	RAW, RAW +JPEG, Extra fine, Fine, Standard																																																	
Number of Recorded Pixels (Still Images)	3264 x 2448, 3264 x 2176 (in 3:2 mode), 2560 x 1920, 2080 x 1560, 1600 x 1200, 640 x 480																																																	
Number of Recorded Pixels (Movie Clips)	320 x 240 in standard and night movie modes (15 frames per second / 30 frames per second selectable) 640 x 480 in standard and night movie modes (15 frames per second / 30 frames per second selectable) 800 x 600 in standard and night movie (15 frames per second)																																																	
Menu Languages	Japanese, English, German, French, Spanish, Simplified Chinese, Italian, Swedish																																																	
Storage Capacity	Approximate storage capacity of a 128 MB CompactFlash card: <table><tr><td></td><td>3264x2448</td><td>3264x2176</td><td>2560x1920</td><td>2080x1560</td><td>1600x1200</td><td>640x480</td></tr><tr><td>RAW</td><td>10 frames</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>RAW+JPEG</td><td>9 frames</td><td>9 frames</td><td>9 frames</td><td>9 frames</td><td>10 frames</td><td>10 frames</td></tr><tr><td>Extra fine</td><td>19 frames</td><td>22 frames</td><td>32 frames</td><td>49 frames</td><td>79 frames</td><td>390 frames</td></tr><tr><td>Fine</td><td>31 frames</td><td>35 frames</td><td>50 frames</td><td>78 frames</td><td>122 frames</td><td>558 frames</td></tr><tr><td>Standard</td><td>62 frames</td><td>69 frames</td><td>97 frames</td><td>150 frames</td><td>229 frames</td><td>781 frames</td></tr><tr><td>Movie</td><td colspan="6">5 minutes 55 seconds with 320x240 images at 15 fps</td></tr></table> <i>** Actual number of images may vary depending upon the subject and memory card used.</i>		3264x2448	3264x2176	2560x1920	2080x1560	1600x1200	640x480	RAW	10 frames	-	-	-	-	-	RAW+JPEG	9 frames	9 frames	9 frames	9 frames	10 frames	10 frames	Extra fine	19 frames	22 frames	32 frames	49 frames	79 frames	390 frames	Fine	31 frames	35 frames	50 frames	78 frames	122 frames	558 frames	Standard	62 frames	69 frames	97 frames	150 frames	229 frames	781 frames	Movie	5 minutes 55 seconds with 320x240 images at 15 fps					
	3264x2448	3264x2176	2560x1920	2080x1560	1600x1200	640x480																																												
RAW	10 frames	-	-	-	-	-																																												
RAW+JPEG	9 frames	9 frames	9 frames	9 frames	10 frames	10 frames																																												
Extra fine	19 frames	22 frames	32 frames	49 frames	79 frames	390 frames																																												
Fine	31 frames	35 frames	50 frames	78 frames	122 frames	558 frames																																												
Standard	62 frames	69 frames	97 frames	150 frames	229 frames	781 frames																																												
Movie	5 minutes 55 seconds with 320x240 images at 15 fps																																																	
File Formats	JPEG, Motion JPEG (MOV), RAW, WAVE DCF 2.0-compliant DPOF-compliant (Supported by printing functions in version 1.1) Exif 2.21																																																	
Printing Output Control	Exif Print, PRINT Image Matching II PictBridge																																																	
Recording Media	Type I and Type II CompactFlash cards Microdrive																																																	
Computer Interface	USB Full-speed 12Mbps data transfer available with USB 2.0 compatible computer																																																	
AV Output	NTSC, PAL (selected on the camera)																																																	
Batteries	One NP-800 lithium-ion battery																																																	

Battery Performance (Playback)	Approximate continuous playback time: 330 minutes with NP-800 lithium-ion battery, External LCD monitor on, EVF off.
Battery Performance (Recording)	Approximate number of recorded images: 260 frames (Conforming to CIPA, included NP-800 lithium-ion battery)
External Power Source	6V DC with specified AC adapter (sold separately)
Dimensions (WxHxD)	4.49 x 3.15 x 4.53 in. (114 x 80 x 115 mm)
Weight	Approximately 17.8 oz. (505 g) without batteries or recording media
Operating Temperature	32-104 °F (0-40 °C)
Standard Accessories	Neck Strap NS-DG8000, Lens Cap (49mm) LF-1349, Accessory Shoe Cap SC-10, AV Cable AVC-500, USB Cable USB-3, DiMAGE Viewer, ULEAD Video Studio 8 SE, Lens Shade DLS-3, Lithium-ion Battery NP-800, Wireless Remote Control RC-D1, Lithium-ion Battery Charger BC-900
Optional Accessories	AC Adapter AC-11, Leather Neck Strap NS-DG1000, DiMAGE Neck Strap (Indigo) NS-DG2000, DiMAGE Neck Strap (Gray) NS-DG3000, Accessory Shoe Cap SC-1000, External High Power Battery Pack Kit EBP-100, Step Up Adapter 49mm – 62mm, CompactFlash Adapter for SD Memory Cards SD-CF1, Telephoto Converter ACT-100, Wide-angle Converter ACW-100, Close-up Lens CL49-200, DiMAGE Master DMA-100

System Requirements

IBM PC/AT compatible computers with Windows XP Home, Windows XP Professional, Windows Me, Windows 2000 Professional, Windows 98*, or Windows 98 Second Edition* and with a USB port as standard interface.

Apple Macintosh computers with Mac OS 9.0 – 9.2.2, Mac OS X v10.1.3-10.1.5, or v10.2.1 – 10.2.8, v10.3 – 10.3.4 and with a USB port as standard interface.

- The computer and operating system must be guaranteed by their manufacturers to support USB 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 with Windows 98 and Windows 98 Second Edition must install dedicated driver software included in the DiMAGE A200 package.*

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

#

DiMAGE, CxProcess are trademarks or registered trademarks of Konica Minolta Camera, Inc. Windows is either a registered trademark or a trademark of Microsoft Corporation in the United States and/or other countries. Macintosh is a trademark or registered trademark of Apple Computer Inc. Other corporate names and product names are trademarks or registered trademarks of their respective companies.