



KONICA MINOLTA DiMAGE Z2 DIGITAL CAMERA

Specifications

Number of effective pixels	4.0 million			
CCD	1/2.5-type interline primary-color CCD Total pixels: 4.2 million			
Camera sensitivity	Auto and 50,100, 200, and 400 ISO equivalents			
Focal length	6.3 - 63mm (35mm equivalent: 38 – 380mm)			
Lens construction	11 elements in 7 groups (includes two elements with three aspheric surfaces)			
Maximum aperture	f/2.8 – f/3.7			
Minimum focus distance	Wide: 1.6ft (0.5m) from front of lens Telephoto: 6.6ft (2m) from front of lens Wide: 1.9ft (0.57m) from CCD Telephoto: 6.8ft (2.07m) from CCD			
Minimum macro distance		Super Macro	Standard macro	
	Focal length	11.1mm*	Wide	Telephoto
	From front of lens	1.2 in. (3 cm)	2.6 in. (7 cm)	39.3 in. (100 cm)
	From CCD	3.9 in. (10 cm)	5.5 in. (14 cm)	42.1 in. (107 cm)
	* at 11.1mm only			
Maximum magnification	0.15x Equivalent to 0.90x in 35mm format			
Area covered at maximum magnification	1.5 x 1.1 inches (39 x 28mm)			
LCD monitor	3.8cm (1.5 inch) low-temperature polysilicon TFT color with anti-reflection coating Total number of pixels: 113,000 Automatic monitor amplification			
Field of view	Viewfinder: Approximately 98% LCD monitor: Approximately 100 %			
Display-mode switch	Viewfinder display, LCD-monitor display Switch Finder system allows the monitor to be viewed directly or through the viewfinder.			
Diopter control	- 3 ~ +1m ⁻¹			
Eye relief	18.8mm			

**Konica Minolta DiMAGE Z2 Digital Camera -2-
Specifications (cont'd)**

Shutter	CCD electronic shutter and mechanical shutter				
Shutter speed range	4 - 1/1000 second in programmed-AE and aperture-priority modes. 15 - 1/1000 second in shutter-priority and manual exposure modes. Bulb (maximum 30 seconds) 2 - 1/1000 second in auto-recording and Digital Subject Programs				
Autofocus system	Rapid AF: a combination of a passive AF sensor with the video AF system				
Autofocus areas	3-Point Wide Focus Area Spot focus areas with Focus Area Selection				
Focus modes	Single-shot AF, Continuous AF with predictive focus control, Full-time AF, Manual focus.				
Focus lock	By pressing shutter-release button partway down.				
Metering	Multi-segment, Center-weighted, Spot				
Multi-segment metering	256 segments				
Exposure modes	Programmed AE, Aperture priority, Shutter priority, Manual				
Digital Subject Programs	Portrait, Sports action, Landscape, Sunset, Night portrait. Automatic and manual selection.				
Exposure compensation	±2 EV in 1/3 increments				
AE lock	By pressing shutter-release button partway down				
Flash metering	Pre-flash TTL				
Flash range	Wide: Approximately 0.8 – 20 ft. (0.23 – 6.1 m) from CCD Telephoto: Approximately 4.1 – 15 ft. (1.27 – 4.6 m) from CCD (Camera sensitivity: auto)				
Flash modes	Autoflash, Autoflash with red-eye reduction, Fill flash, Slow-shutter sync. Autoflash not available with aperture priority, shutter priority, and manual exposure modes. Flash cancel by pushing the built-in flash down.				
Flash recycling time	Approximately 5 seconds				
Flash compensation	± 2 EV in 1/3 increments				
Flash-sync speeds	All shutter speeds				
External flashes	Auto-flash metering with Program/Maxxum Flash 2500 (D), Program/Maxxum 3600HS (D), Program/Maxxum Flash 5600HS (D)				
Continuous advance	- UHS (Ultra High Speed) continuous advance: Approximately Ten 1280x960 frames in one second - Standard continuous advance: Approximately 1.5 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 with the continuous-advance drive modes:				
	UHS continuous advance				
	1280x960				
	Fine	10 frames			
	Standard				
	Economy				
	Standard continuous advance				
		2272x1704	1600x1200	1280x960	640x480
	Fine	5 frames			
	Standard				
	Economy				

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Specifications (cont'd)**

	<i>*Actual number of images may vary depending upon the subject and camera settings.</i>			
Progressive Capture	Maximum number of images that can be recorded with the Progressive Capture mode: UHS: 12 frames (10 frames per second) Standard: 5 frames (2.5 frames per second)			
Exposure bracketing	Three frame bracket in 1.0, 0.5, 0.3 EV increments			
Self-timer	Approximately 10 seconds			
Movie	Recording time dependent on memory card capacity, image size, and frame rate Frame rate: 15 frames per second, 30 frames per second Fast forward and rewind control With and without monaural audio with playback volume control. Jogging, Movie frame capture, Movie editing, Night movie (automatic selection or disabled)			
White balance control	Automatic, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Flash), Custom			
Digital Effects Control	Contrast compensation, Sharpness			
Contrast compensation	Three levels (Low, Normal, High)			
Sharpness settings	Three levels (Soft, Normal, Hard)			
Color modes	Natural Color, Vivid Color, Black and white, Sepia			
Noise reduction	User selectable dark noise reduction			
Digital zoom	Maximum 4x in 0.1x increments			
Copy function	To copy single or multiple images to the same or another memory card			
E-mail Copy function	Creates a compressed 640 x 480 or 160 x 120 JPEG image for transmission			
Date imprinting	Year/month/day (Format can be changed.) Imprinting can be disabled			
Key customization	The function activated by the flash-mode button can be changed.			
Image-quality modes	Fine, Standard, Economy			
Number of recorded pixels (Still images)	2272 x 1704, 1600 x 1200, 1280 x 960, 640 x 480 1280 x 960 in UHS continuous-advance mode			
Number of recorded pixels (Movie clips)	800 x 600, 640 x 480, 320 x 240, 160 x 120			
Storage capacity	Approximate storage capacity of a 16MB SD (Secure Digital) Memory Card:			
	Still images			
		2272x1704	1600x1200	1280x960
				640x480
	Fine	7 frames	14 frames	22 frames
	Standard	14 frames	27 frames	39 frames
	Economy	27 frames	47 frames	69 frames
	Movie clips			
		800x600	640x480	320x240
				160x120
	30 frames per second	-	13 seconds	21 seconds
	15 frames per second	28 seconds	25 seconds	41 seconds
	<i>* Movie clips recorded with audio.</i> <i>* Actual number of images may vary depending upon the subject and memory card used.</i>			
File formats	JPEG, Motion JPEG (MOV) : with audio DCF 2.0-compliant			

**Konica Minolta DiMAGE Z2 Digital Camera -3-
Specifications (cont'd)**

	DPOF-compliant (Supported by printing functions in version 1.1) Exif 2.21
Folder name formats	Standard, Date
Printing output control	Exif Print, PRINT Image Matching II, PictBridge
Recording media	SD (Secure Digital) Memory Cards, MultiMediaCards
Computer interface	Full-speed 12Mbps data transfer with USB 2.0 compatible computer
AV output	NTSC, PAL (selected on the camera)
Batteries	Four AA batteries: Alkaline, Ni-MH
Battery performance (Playback)	Approximate continuous playback time: 180 minutes with alkaline batteries.
Battery performance (Recording)	Approximate number of recorded images: 250 Conforming to CIPA (included AA alkaline batteries, included SD memory card)
External power source	6V DC with specified AC adapter (sold separately)
Dimensions (WxHxD)	4.31 x 3.05 x 3.15 inches (109.5 x 77.5 x 80mm)
Weight	Approximately 10.8oz. (305g) without batteries or recording media
Operating temperature	32-104°F (0-40°C)
Standard accessories	Neck Strap NS-DG6000, Lens Cap LF-242A, Accessory Shoe Cap SC-1000, AV Cable AVC-400, 16MB SD (Secure Digital) Memory Card, USB Cable USB-500, DiMAGE Viewer, ArcSoft VideoImpression 2 CD-ROM (for windows only), Four AA Alkaline batteries
Optional accessories	AC Adapter AC-1L, Camera Case CS-W20, Leather Neck Strap NS-DG1000, External High Power Battery Pack Kit EBP-100, Wide Converter Kit ZCW-100, Adapter ring for attaching filter/converter ZCA-100, Konica Minolta Program Flash 3600HS (D), 5600HS (D), and 2500(D)

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 pre-installed Mac OS 9.0 – 9.2.2, Mac OS X v10.1.3 – 10.1.5, and v10.2.1 – 10.2.8, v10.3-10.3.2 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.

**Konica Minolta DiMAGE Z2 Digital Camera -4-
Specifications (cont'd)**

- 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 Z2 package.*

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

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