

KONICA MINOLTA DiMAGE Z3 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	5.83 – 69.9mm (35mm equivalent: 35 – 420mm)			
Lens construction	13 elements in 10 groups			
Maximum aperture	f/2.8 – f/4.5			
Minimum focus distance	Wide: 2.0ft (0.6m) from front of lens Telephoto: 6.6ft (2.0m) from front of lens Wide: 2.2ft (0.685m) from CCD Telephoto: 6.8ft (2.085m) from CCD			
Minimum macro distance		Super Macro	Standard macro	
	Focal length	10.45mm*	Wide	Telephoto
	From front of lens	0.4 in. (1 cm)	3.9 in (10cm)	47.2 in (120cm)
	From CCD	3.7 in. (9.5cm)	7.3 in (18.5cm)	50.6 in. (128.5cm)
	* at 10.45 mm only			
Maximum magnification	0.20x (Equivalent to 1.2x in 35mm format)			
Area covered at maximum magnification	1.2 x 0.9 in. (31 x 23mm)			
Viewfinder type	Electronic viewfinder 0.3-type with a total of 118,000 pixels			
LCD monitor	1.5 inch (3.8cm) digital-interface TFT color Total number of pixels: Approximately 78,000 Automatic monitor amplification			
Field of view	Viewfinder: Approximately 100% LCD monitor: Approximately 100%			
Dioptr control	– 3 ~ +1m ⁻¹			
Eye relief	20.8mm			
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 seconds in auto-recording and Digital Subject Programs			
Autofocus system	Video AF system			
Autofocus areas	5-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	Automatic (Portrait, Sports action, Landscape, Sunset, Standard) Manual (Portrait, Sports action, Landscape, Sunset, Standard, Night portrait.)				
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 0.7 – 13.1 ft. (0.2 – 4.0 m) from front of lens Telephoto: Approximately 3.9 – 8.2 ft. (1.2 – 2.5 m) from front of lens (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 7 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 10 frames per second (1280 x 960) - Standard continuous advance: Approximately 2.5 frames per second (2272 x 1704) <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	15 frames			
	Standard				
	Economy				
	Standard continuous advance				
		2272x1704	1600x1200	1280x960	640x480
	Fine	2 frames	5 frames	11 frames	60 frames
	Standard	5 frames	6 frames	50 frames	97 frames
	Economy	5 frames	51 frames	72 frames	115 frames
		<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: 15 frames (10 frames per second) Standard: 5 frames (2.5 frames per second-2272 x 1704, Standard)				

Exposure bracketing	Three frame bracket in 1.0, 0.5, 0.3 EV increments			
Self-timer	Approximately 10 seconds, 2 seconds			
Movie	Recording time dependent on memory card capacity, image size, and frame rate. Frame rate: 15 frames per second, 30 frames per second Audio: monaural Optical zoom is ON in recording Movie frame capture 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 0.2x increments			
Copy function	To copy single or multiple images to the same or another memory card.			
E-mail Copy function	Creates a compressed 640x480 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)	640 x 480, 320 x 240			
Storage capacity	Approximate storage capacity of a 16MB SD (Secure Digital) Memory Card:			
	Still images			
		2272x1704	1600x1200	1280x960
				640x480
	Fine	6 frames	14 frames	23 frames
	Standard	14 frames	23 frames	38 frames
	Economy	27 frames	41 frames	53 frames
	Movie clips			
		640x480	640x480	320x240
		Fine	Standard	Standard
	30 frames per second	9 seconds	14 seconds	30 seconds
	15 frames per second	19 seconds	28 seconds	58 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 DPOF-compliant (Supported by printing functions in version 1.1) Exif 2.2			

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)
Anti-shake system	CCD-shift Anti-Shake system User selectable
Batteries	Four AA batteries: Alkaline, Ni-MH
Battery performance (Playback)	Approximate continuous playback time: Approximately 220 minutes with alkaline batteries.
Battery performance (Recording)	Approximate number of recorded images: Approximately 170 Conforming to CIPA (included AA alkaline batteries, included SD memory card)
External power source	6V DC with specified AC adapter (sold separately)
Dimensions (WxHxD)	4.3 x 3.1 x 3.3 in. (108.5 x 80.0 x 83.5mm)
Weight	Approximately 11.8oz (335g) without batteries or recording media
Operating temperature	32-104°F (0-40°C)
Standard accessories	Neck Strap NS-DG7000, Lens Cap LF-243, Accessory Shoe Cap SC-1000, AV Cable AVC-700, 16MB SD (Secure Digital) Memory Card, USB Cable USB-2, DiMAGE Viewer CD-ROM ArcSoft VideoImpression™ 2 CD-ROM (for windows only), Four AA Alkaline batteries
Optional accessories	AC Adapter AC-1L, Camera Case CS-DG1000, Wide-Angle Converter ZCW-300 kit, Adapter ring for attaching filter/converter ZCA-300, PROGRAM FLASH 3600HS (D), 5600HS (D), 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 preinstalled Mac OS 9.0 – 9.2.2, Mac OS X v10.1.3 – 10.1.5, and v10.2.1 – 10.2.8, v10.3-10.3.3 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 Z3 package.*

#

-more-

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

DiMAGE, CxProcess are trademarks or registered trademarks of KONICA MINOLTA Photo Imaging, 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.