

KONICA MINOLTA DiMAGE X50 DIGITAL CAMERA

Specifications

Number of effective pixels	5.0 million
CCD	1/2.5-type interline primary-color CCD Total pixels: 5.4 million
Camera sensitivity	Automatic (between ISO 50 - 160 equivalent), ISO 50,100, 200, 400
Focal length	6.1 – 17.1mm (35mm equivalent: 37 – 105mm)
Lens construction	11 elements in 9 groups
Maximum aperture	f/2.8 – f/5.0
Minimum focus distance	4 in. (0.10m) from front of camera 2.4 in. (0.06m) (Super Macro)
Maximum magnification	0.1x (1:10) Equivalent to 0.82x (1: 1.22) in 35mm format
Area covered at maximum magnification	1.63 x 1.25 in. (42.3 x 31.8mm)
Viewfinder type	Optical real-image zoom viewfinder
Monitor LCD	2.0 inch (5.2cm) digital-interface TFT color monitor with anti-reflection coating Total pixels: Approximately 115,000
Shutter	CCD electronic shutter and mechanical shutter
Shutter speed range	4 - 1/1000 seconds
Autofocus system	Video AF
Autofocus areas	Wide focus area (five-point AF) Spot focus area
Metering	Multi-segment, Spot
Multi-segment metering	256 segments
Exposure control	Programmed AE
Automatic Digital Subject Program Selection	Portrait, Sports action, Landscape, or Sunset is automatically selected (Manual selection is also possible) Night portrait/Night view, Super Macro, Text is set manually only.
Exposure compensation	±2 EV in 1/3 increments
Flash range	Wide: Approximately 0.7 – 10.5 ft. (0.2 – 3.2m) Telephoto: Approximately 0.3 – 5.9 ft. (0.1 – 1.8m) (Camera sensitivity: auto)
Flash modes	Autoflash, Autoflash with red-eye reduction, Fill-flash, Flash cancel
Continuous advance	Available, Speed: Approximately 1.9 frames per second*
UHS (Ultra High Speed)	Available, Speed: Approximately 11 frames per second*(1280 x 960) * Actual speed may vary depending upon the subject and camera settings.
Self-timer	Approximately 10 seconds
Multi frame	To capture 9 sequential images in a 3x3 grid in a single frame
Image pasting	Embeds an image within another image

Movie recording	Recording time dependent on memory card capacity. Frame rate: 15 frames per second , 30 frames per second Night Movie, Movie frame capture, Movie clip capture					
Audio	Audio recording: Maximum 180 minutes* *128MB MB memory card is required. Voice memo: Maximum 15 seconds Audio caption: Maximum 15 seconds Monaural audio only					
White balance control	Automatic, Preset (Daylight, Cloudy, Tungsten, Fluorescent)					
Color modes	Color, Black and white, Sepia					
Noise reduction	User selectable					
Digital zoom	Maximum 4.3 x Digital zoom can be disabled.					
E-mail Copy function	Creates a compressed 640x480 JPEG image for transmission.					
Crop frame	Trims parts of captured still pictures and save the image as a separate file.					
Date imprinting	Year/month/day (Format can be changed.) Month/day/hour:minute (Format can be changed.) Imprinting can be disabled.					
Image-quality modes	Fine, Standard, Economy					
Number of recorded pixels (Still images)	2560 x 1920, 2048 x 1536, 1600 x 1200, 640 x 480, 1280 x 960 (UHS Continuous advance)					
Number of recorded pixels (Movie clips)	320 x 240					
Storage capacity	Approximate storage capacity of a 16MB SD (Secure Digital) Memory Card:					
		2560x1920	2048x1536	1600x1200	640x480	1280x960 (UHS)
	Fine*	5 frames	8 frames	14 frames	68 frames	21 frames
	Standard*	11 frames	17 frames	27 frames	99 frames	38 frames
	Economy*	21 frames	31 frames	47 frames	148 frames	68 frames
	Movie (320x240)	15 frames per second: 41 seconds 30 frames per second: 21 seconds				
	Audio recording	30 minutes 28 seconds				
	* Still images recorded without voice memo or audio caption ** Actual number of images may vary depending upon the subject and memory card.					
File formats	JPEG, Motion JPEG (MOV), WAVE DCF 1.0-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					

Menu languages	Japanese, English, German, French, Spanish, and Chinese (Simplified)
Recording media	SD (Secure Digital) Memory Cards, MultiMediaCards
Computer interface	USB Full-speed 12Mbps data transfer with USB 2.0 compatible computer
Direct print	PictBridge
Remote camera	Live images without audio viewed with a computer
Battery	One NP-700 lithium-ion battery
Battery performance (Playback)	Approximate continuous playback time: 170 minutes <i>Based on Konica Minolta's standard test method with NP-700 lithium-ion battery</i>
Battery performance (Recording)	Approximate number of recorded images: 150 frames. <i>Based on CIPA (Camera & Imaging Products Association) measurements, when using standard battery (Lithium-ion battery) and standard memory card (SD, 16MB)</i>
External power source	4.7V DC with specified AC adapter (sold separately)
Dimensions (WxHxD)	3.28 x 2.44 x 0.93 inches (83.5 x 62 x 23.5mm)
Weight	Approximately 4.4 oz. (125 g) without battery or recording media
Operating temperature	32-104°F (0-40°C)
Standard accessories	Lithium-ion Battery NP-700, Lithium-ion Battery Charger BC-800, Hand Strap HS-DG130, USB Cable USB-3, 16MB SD (Secure Digital) Memory Card, DiMAGE Viewer CD-ROM
Optional accessories	AC Adapter set AC-4, Metal Chain Neck Strap NS-DG100, Deluxe Case for DiMAGE X Series, Casual case for DiMAGE X Series, Marine Case MC-DG400, O-Ring set OR-GS400 (Replacement for MC-DG-400)

KONICA MINOLTA DiMAGE X50 MARINE CASE

Specifications

Maximum depth (underwater)	131 ft. (40m)
Weight	8.5 oz. (240g) (Case only)
Dimensions (WxHxD)	4.82 x 3.52 x 2.13 in. (122.5 x 89.5 x 54mm) (excluding protrusions)
Standard accessories	Hand strap, O-ring grease, Desiccant
Optional accessories	O-ring set

System Requirements

Compatible computers when the camera is used as mass storage device:
IBM PC/AT compatible computers with Windows XP (Home/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, v10.2.1-10.2.8, v10.3-10.3.3 and with a USB port as standard interface.

* *Users with Windows 98 and Windows 98 Second Edition operating systems must install dedicated driver software included in the DiMAGE X50 package.*

Minimum system requirements for the remote camera function:

Computers	IBM PC/AT compatible computers with a USB port as standard interface
CPU	Pentium II 300MHz or later processor (*1)
Operating systems	Windows XP (Home/Professional), Me, 2000 Professional, or 98 Second Edition
RAM	128 MB of RAM. 256 MB with Windows XP. (*1)
Hard-disk space	Approximately 200 MB of free hard-disk space
Monitor	800 x 600 monitor capable of displaying 16-bit color quality.
Tested applications	Microsoft NetMeeting, Windows Messenger (*2)
Other	CD-ROM drive

*1 *The CPU and RAM must satisfy the requirements of the operating system.*

*2 *The application software must be guaranteed by the manufacturer to work with the operating system.*

- 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.

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

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