



KONICA MINOLTA

Applications for more imaging enjoyment

The Digital Camera Software CD-ROM supplied in kit includes the following imaging applications.

- Kodak EasyShare software
- DiMAGE Master Lite
- QuickTime Ver. 6 (Windows only)

With an array of fun, convenient, and advanced features and functions in a slim, stylish package, the Konica Minolta DiMAGE X60 is everything you really need: an attractive digital camera that lets you share high-quality pictures with family and friends.

DiMAGE X60 Technical Specifications

Number of effective pixels:	5.0 Million (Approx.)
CCD:	1/2.5-type interline primary-colour CCD Total pixels: 5.4 million
Camera sensitivity:	Automatic (between ISO 50 - 160 equivalent), Manual ISO 50, 100, 200, 400
Focal length:	6.3-18.9mm (35mm equivalent: 38-114mm)
Lens construction:	11 elements in 9 groups
Maximum aperture:	f/3.3 – f/4.0
Minimum focus distance:	Wide-angle: 0.10m / 4 in., Telephoto: 0.5m / 20 in. to infinity from front of camera Super Macro: 0.05m / 2 in. (Focal-length fixed at 12.0 mm)
Maximum magnification:	0.21x (equivalent to 1.3 x in 35mm format)
Area covered at maximum magnification:	27.3mm x 20.3mm / 1.1 x 0.9 in.
Monitor LCD:	2.5 inch (6.4cm) digital-interface micro-reflection TFT colour monitor Total pixels: Approx. 115,000 (approx.)
Shutter:	CCD electronic shutter and mechanical shutter
Shutter speed range:	4 - 1/1000 s
Autofocus system:	Video AF
Autofocus areas:	Wide (five-point AF) or Spot selectable
Metering:	Multi-segment (256 segments) or Spot selectable
Exposure control:	Programmed AE



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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-angle: 0.2 – 2.4m / 0.7 – 7.9 ft. (approx.)

Telephoto: 0.5 – 2.0m / 1.6 – 6.6 ft. (approx.)

(from front of camera, camera sensitivity: AUTO)

Flash modes:

Autoflash, Autoflash with red-eye reduction, Fill-flash,

Flash cancel

Continuous advance:

Approx. 1.6 fps* up to 4 frames

* Actual speed may vary depending upon the subject and camera settings.

Self-timer:

10 s (approx.)

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: 15fps, 30fps

Night Movie

Movie frame capture

Movie clip capture

Audio:

Audio recording: 180 min. (max.) *

*128MB memory card is required.

Voice memo: 15s (max)

Audio caption: 15s (max.)

Monaural audio only

White balance control:

Automatic, Preset (Daylight, Cloudy, Tungsten, Fluorescent)

Color modes:

Colour, Black and White, Sepia

Noise reduction:

Automatic

Digital zoom:

Maximum 4x



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E-mail Copy function: Creates a compressed 640 x 480 JPEG image for data transfer

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,

Number of recorded pixels (Movie clips):
320 x 240

Storage capacity: Approximate capacity with 15MB internal memory

	2560x1920	2048x1536	1600x1200	640x480
Fine*	6 frames	9 frames	14 frames	71 frames
Standard*	11 frames	17 frames	28 frames	103 frames
Economy*	22 frames	33 frames	48 frames	155 frames
Movie (320x240)	15fps: 41 seconds, 30fps: 21 seconds			
Audio recording	31 minutes 43 seconds			

* Still images recorded without voice memo or audio capt

** Actual number of images may vary depending upon the subject and memory card.

File formats: JPEG, Motion JPEG (MOV), WAV
DCF 2.0-compliant
DPOF-compliant (Supported by printing functions in ver. 1.1) Exif 2.2

Folder name formats: Standard, Date

Printing output control: Exif Print, PRINT Image Matching II, PictBridge

Menu languages: English, German, French, Spanish, Italian, Swedish, Russian, Chinese (Simplified and Complicated), Japanese, and Korean

Recording media: SD (Secure Digital) Memory Cards, Multimedia Cards, 15MB internal storage

Computer interface: USB
Full-speed 12Mbps data transfer with USB 2.0 compatible computer



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Battery performance

(Playback):

Approximate continuous playback time: 200 min.
Based on the KONICA MINOLTA standard test method
with NP-700 lithium-ion battery

Battery performance

(Recording):

Approximate number of recorded images: 150 frames.
Based on CIPA (Camera & Imaging Products Association)
measurements, when using standard battery (Lithium-ion
battery) and a SD memory card

External power source:

4.7V DC with specified AC adapter (sold separately)

Dimensions:

83.5 (W) x 56 (H) x 22 (D) mm /
3.3 (W) x 2.2 (H) x 0.9 (D) in.

Weight:

115 g / 4.1 oz. (approx.) without battery or recording
media

Operating temperature:

0-40°C / 32-104°F

Standard accessories:

Lithium-ion Battery NP-700
Battery Charger BC-800
Hand Strap HS-DG130
USB Cable USB-3
Digital Camera Software CD-ROM
AV Cable AVC-500

Optional accessories*:

AC Adapter set AC-4 or AC-5
Metal Chain Neck Strap NS-DG100
Marine Case MC-DG500
*Availability varies with region.

Technical Specifications of Marine Case MC-DG500 (optional)

Maximum depth (underwater):

40m / 131 ft.

Weight:

240g / 8.5 oz. (Case only)

Dimensions:

122.5 (W) x 83.5 (H) x 52.5 (D) mm
4.8 (W) x 3.3 (H) x 2.1 (D) in.
(excluding protrusions)

Standard accessories:

Hand strap
O-ring grease
Desiccant

Optional accessories: O-ring set OR-GS400



Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.

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, v10.3-10.3.8 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	Approx. 200 MB of free hard-disk space
Monitor	800 x 600 monitor capable of displaying 16-bit colour 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.



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