KONICA MINOLTA

DiMAGE X50

5.0 Megapixels | **12x** Total Zoom

Smooth, Smart, Stunning.

World's Fastest Startup – **0.5 Seconds***

* Among digital cameras in the 3X optical zoom class, as of June 10, 2004.

KONICA MINOLTA ZOOM LENS

6.1-17.1mm 1:2.8-5.0

DiMAGE X50

*Stylish, **Slim** Body*
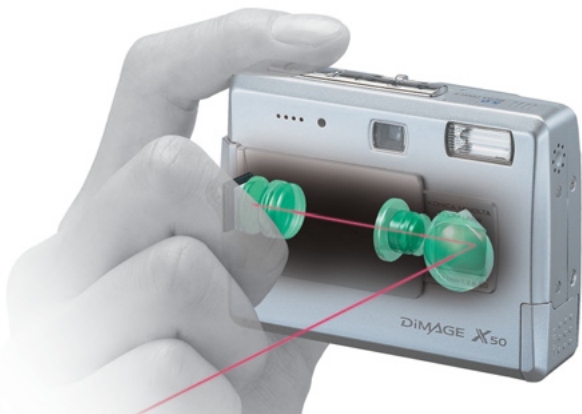
KONICA MINOLTA

DiMAGE X50

*Large **2 inch** LCD Monitor*

MENU

The essentials of imaging

Non-protruding Zoom

12X Non-protruding Zoom for Slim and Stylish Portability
Our advanced folded-optics technology delivers a unique internal zoom lens that provides the ideal slimness and compactness for unmatched portability.
Plus, the X50 gives you internal 12X zoom (2.8X optical & 4.3X digital), which lets you capture vivid, lifelike images at any distance.

1X 2.8X

Digital 4.3X

12X

With exceptional features like a fast startup, high image quality and an advanced des

Wide 2 inch Display

Large LCD
The X50 boasts a high-resolution 2 inch LCD monitor, which gives you unequaled comfort when checking frame compositions during shooting, utilizing menu indications, or viewing recorded images. And with just a touch of the Independent playback button, you can see recorded images instantly. The large monitor allows excellent clarity for on-the-spot image playback, or for when you want to share your incredible images with others.

1.6 inch monitor ▶

Actual size

Speedy

World's Fastest[*1] 0.5 Seconds Startup[*2]
The X50 boasts an amazingly fast and fluid startup. Just slide the lens cover fully open, and it's ready to go in approx. 0.5 seconds. And combined with its approx 0.06 shutter-release time lag[*3], you won't be late on photo opportunities.

*1 Among digital cameras in the 3X optical zoom class, as of June 10, 2004.
*2 The time from when the X50 is turned on, to when the indicators are shown on the LCD monitor.
*3 The time from when the focus is locked on the subject with the shutter-release button pressed partway down, to when the exposure starts.

Startup Time Comparison

DiMAGE X50	0.5 sec.
DiMAGE Xg	0.8 sec.
Camera A	1.3 sec
Camera B	1.6 sec.

DiMAGE X50

Simple & Sharp

5.0 megapixels / CxProcess™ II
5.0 megapixels deliver detailed, high-resolution images, while exclusive CxProcess II imaging technology produces uncommonly natural and lifelike shots. Combined, Konica Minolta's unique imaging system gives you truly unforgettable shots.

Automatic Digital Subject Program Selection with Super Macro Mode
This convenient function automatically selects the best recording mode for your images. You can also manually choose an ideal subject program from Portrait, Sports action, Landscape, Sunset, Night portrait* and Text mode*. Plus, get crisp and sharp close-ups with Super Macro Mode*. It lets you get as close as 6cm (2.4 inches) to your subject for outstanding close-up photography.

*Activates via manual selection only

ign, the X50 was truly made for you.

Portrait mode	Sports Action mode	Landscape mode	Sunset mode
Super Macro mode	Night Portrait mode	Text mode	

5.0 MEGA PIXELS
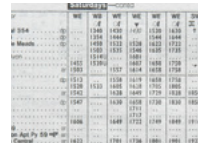
5-Point AF / Multi-Segment Metering
Our wide and precise 5-Point AF enables flexible framing, which catches the action and composes your shot. Plus, our Multi-segment (256) metering system automatically measures light over the entire image area and selects the best exposure for your subject. Combined, they create clear, balanced and beautiful pictures.

Full Functions

XR Movie & Editing
XR (Extended Recording) Movie gives you the power to record movie clips with sound for the entire length of the memory card*. Night Movie mode allows you to record clearer movies in dark settings. Super smooth movies at 30-frames per second** can be recorded. Movie Frame Capture saves individual frames taken from a movie with an option for 15 seconds of audio, while Edit-Movie function eliminates unwanted sections from a movie clip.

* On rare occasions, a memory card may not record to full capacity due to its writing speed.
** The use of the SD Memory Card with the data transfer speed at 10Mbps or faster is recommended when recording movies at 30 fps.

Image Pasting
It's easy to personalize your pictures with the Image Pasting feature. On any chosen photo, just overlay parts of an image in one of the nine frames.

UHS (Ultra High Speed) Continuous Advance
Can't afford to miss another photo opportunity? Well, with UHS Continuous Advance, just keep your finger on the shutter-release button to capture a sequence of rapid continuous shots.
You get eleven 1280 x 960 images in approx. one second.

PictBridge
Connect the X50 directly to any PictBridge compatible printer using a USB cable for easy, on-the-spot digital printing without a PC.

PictBridge

- Connect the X50 to your computer for fast data transfers using the supplied **High Speed USB.**
- By connecting the supplied **AV cable** to a TV, the X50 enables you to easily share and enjoy camera images on a larger scale.
- **Audio Recording** allows you to record audio for up to 180 minutes*. Plus, 15-second voice memos and audio captions can be attached to a still image.

* When using a 128MB or larger memory card.

Marine Case
Waterproof up to approx. 131.2 feet (40 meters), as well as dust proof. It goes where your active life takes you.

Dimensions (WxHxD): 122.5 x 89.5 x 54 mm / 4.8 x 3.5 x 2.1 inches
(excluding the protuberant parts)

Specifications

No. of effective pixels	Approx. 5.0 million
CCD	1/2.5-type interline primary-color CCD with a total of approx. 5.4 million pixels
Lens	6.1 - 17.1 mm (35 mm format equivalent: 37 - 105 mm), f/ 2.8 - f/ 5.0; 11 elements in 9 groups
Start-up time	Approx. 0.5 seconds
Digital zoom	4.3X (Max.) in 0.1X increments (12X zoom range with optical zoom)
Viewfinder type	Optical real-image zoom viewfinder
Recording media	SD Memory Cards / MultiMediaCards
File format	JPEG, DCF1.0, DPOF, Exif2.2
No. of recorded pixels	2560 x 1920, 2048 x 1536, 1600 x 1200, 640 x 480, 1280 x 980 (UHS continuous advance), Movie: 320 x 240
Storage capacity* (using 16 MB card)	(2560 x 1920) Economy: 21, Standard: 11, Fine: 5, (Movie) 15fps: 41 seconds, 30fps: 21 seconds * Numbers above are approx., and may vary depending upon the subject and the media used.
Autofocus system	Video AF, Focus lock available
Autofocus area	Spot or wide (5-point AF)
Focusing range	0.1 m (3.9 inches) to infinity, Super macro mode: 0.06 m (2.4 inches) to infinity (from the front of the camera)
Exposure control	Programed AE, AE lock available
Exposure compensation	±2Ev in 1/3 increments
Metering	Multi-segment (256 segments) / Spot
Camera sensitivity	Auto (between ISO 50-160 equivalency), ISO 50, 100, 200, 400 equivalency
Shutter speeds	4 - 1/1000 seconds
Drive mode	Single-frame advance, Continuous advance, UHS Continuous advance, Self-timer, Multi-frame
Continuous advance	Approx. 1.9 frames per second
UHS Continuous advance	Approx. 11 frames per second with 1280 x 960 image size
Self-timer	Approx. 10 second delay
Movie recording	Frame rate: 15fps, 30fps / Recording time: Until the memory card is full / With Monaural audio
White-balance control	Automatic, Preset (Daylight, Cloudy, Tungsten, Fluorescent)
Flash mode	Autoflash, Autoflash with red-eye reduction, Fill-flash, Flash cancel
LCD monitor	2.0 inches (5.2 cm) digital interface TFT color monitor with anti-reflection coating
Printing output control	Exif Print, PRINT Image Matching II
PC interface	USB*: Full-speed 12 Mbps data transfer with a USB 2.0 compatible computer.
AV output	NTSC/PAL (selectable on the camera)
Battery	One NP-700 Lithium-ion Battery
Battery performance	Continuous playback time: approx. 170 minutes, based on Konica Minolta's Standard test method with NP-700 Lithium-ion Battery Number of recordings: Approx.150 frames, based on CIPA (Camera & Imaging Products Association) standard with an NP-700 Lithium-ion Battery and an SD Memory Card (16 MB)
External power source	4.7V DC (with specified AC)
Automatic Digital Subject Program Selection	Portrait, Sports Action, Landscape or Sunset is automatically selected, Night portrait, Text, and Super Macro (manual selection only)
Color mode	Color, B/W, and Sepia
Additional functions	Movie editing, Multi frame, Slide Show playback, Image Rotation, Image pasting, Crop Frame, PictBridge direct printing, E-mail copy, Date imprinting, Remote camera
Dimensions (W x H x D)	83.5 x 62 x 23.5 mm / 3.3 x 2.4 x 0.9 inches
Weight	Approx. 125g / 4.4 ounces (without battery and recording media)
Standard accessories	Lithium-ion Battery (NP-700), Battery Charger (BC-800), Hand Strap (HG-DG130), USB Cable (USB-3), AC Cord, AV Cable (AVC-500), SD Memory Card (16 MB), DiMAGE Viewer CD-ROM
Optional accessories	Metal Chain Neck Strap (NS-DG100), AC Adapter / AC Adapter set

Specifications and accessories are based on the information available at the time of printing, and are subject to change without notice. For the latest information, please visit
http://konicaminolta.com/dimage
Availability of accessories depends on location.

Compatible computers (When the camera is used as a 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 pre-installed Mac OS 9.0 - 9.2.2, Mac OS X v10.1.3 - v10.1.5, v10.2.1 – v10.2.8 and v10.3-10.3.3
* Users with Windows 98 and Windows 98 Second Edition operating systems must install dedicated driver software included in the DiMAGE Viewer CD-ROM.

Notes:
Computers and operating systems must be guaranteed by their manufactures to support a USB interface. For details, please contact the manufacturer.
Problems may be encountered depending on what additional 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 occur even if all the system requirements are met.

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- Windows is a registered trademark of Microsoft Corporation in the United States and other countries.
- Macintosh and Mac are trademarks of Apple Computer, Inc., registered in U.S. and other countries.
- All other brand and product names are trademarks or registered trademarks of their respective owners.
- Depending on the condition of the battery and rechargeable flash, startup time may be slightly longer and some operations may not function.
- The LCD monitor is manufactured using high-precision technology. The appearance of any missing pixels or lit pixels does not indicate damage to the monitor.