



KONICA MINOLTA

## **Specifications**

CAMERA TYPE Digital SLR with built-in flash and interchangeable lenses  
LENS MOUNT Minolta A-type bayonet mount

### **IMAGE CAPTURE**

Image sensor Interline primary colour CCD (23.5 mm x 15.7 mm) with interlace scan  
No. of pixels (approx.) Total: 6.3 million, Effective: 6.1 million  
Sensitivity Auto, ISO 100 / 200 / 400 / 800 / 1600 / 3200 equivalent  
White balance control Automatic, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent, Flash), Custom, Colour temperature (2500 ~ 9900 k with 19-step Magenta / Green compensation)

### **RECORDING**

Recording media Type I and Type II CompactFlash Cards, Microdrive, SD Memory Card\*, Multimedia Card\* \* with optional SD-CF1  
File format JPEG, RAW (DCF 2.0 compliant, DPOF supported by printing functions in ver.1.1, Exif 2.21)  
No. of recorded pixels L: 3008 x 2000, M: 2256 x 1496, S: 1504 x 1000  
Storage capacity (approx.) (L: 3008 x 2000 / M: 2256 x 1496 / S: 1504 x 1000) (with 512MB CF card in L / M / S size)  
STD: 277 / 470 / 926  
FINE: 163 / 282 / 584  
EXTRA-FINE: 82 / 145 / 314,  
RAW+JPEG: 39 / 44 / 48, RAW: 53  
Colour modes Natural, Natural Plus, Portrait, Landscape, Sunset, Night View, Night Portrait, Black & White, Adobe RGB, Embedded Adobe RGB. Except for Adobe RGB and Embedded Adobe RGB, all other colour modes use the sRGB colour space.  
Image quality modes Standard, Fine, Extra-Fine, RAW, RAW+JPEG  
Contrast / Saturation / Sharpness 5 steps: +2, -1, +-0, +1, +2  
Noise reduction Available at shutter speeds longer than 1 s  
Delete function Single, multiple, or all frames in a folder / memory card can be deleted. Folders can be deleted in the File Browser.

### **PLAYBACK**

LCD monitor 2.5-inch TFT colour, Total pixels: 115,000  
Playback mode Single-frame (Image only, Image and information), Histogram with luminance limit display, Index (4, 9, or 16 frames), Enlarged playback (up to approx. 5x), File Browser, Slideshow, manual and auto rotation

### **AF SYSTEM**

Type TTL phase-detection system  
Sensor CCD line sensors (9 points, 8 lines with centre cross-hair sensor)  
Sensitivity range -1 EV ~ 18 EV (at ISO 100 equivalent)  
Main functions Wide AF area, spot AF area, and 9 local AF areas with Focus Area Selection. AF-A / AF-S / AF-C / DMF. Predictive Focus Control (with moving subjects in AF-A and AF-C), auto-tracking focus-point display  
AF illuminator Available with built-in flash. Range: 1 m ~ 5 m



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### **AE SYSTEM**

Metering type	TTL metering; multi-segment metering, Centre-weighted metering, Spot metering
Metering cell	14-segment honeycomb-pattern SPC
Metering range	+1 EV ~ +20 EV (+4 EV to +20 EV with Spot metering), (at ISO 100 with f/1.4 lens)
Exposure modes	Auto recording / P (with program shift), A, S, M, and Portrait, Sports Action, Landscape, Sunset, and Night Portrait Digital Subject Programs
Exposure compensation	+2 EV in 1/3 EV increments
AE lock	Automatically activated with AF lock, available via AEL button

### **BUILT-IN FLASH**

Flash metering system	ADI / Pre-flash TTL flash metering
Flash compensation	±2 EV in 1/3 EV increments
Guide No.	GN 12 (in meters at ISO 100)
Recycling time	Approx. 3 s
Control	Manual (raise the flash to activate)
Flash modes	Fill Flash, Red-eye reduction (via pre-flash), Rear Sync flash, Wireless / Remote off-camera flash, High-speed sync available with Program Flash 5600HS(D) / 3600HS(D), Slow sync activated via AE lock button

### **SHUTTER**

Type	Electronically-controlled, vertical-traverse, focal-plane type
Speed range	1/4000 s ~ 30 s, bulb exposures possible
Flash sync speed	1/160 s (with Anti-Shake off), 1/125 s (with Anti-Shake on)

### **VIEWFINDER**

Type	Fixed eye-level system with roof mirror type pentaprism
Focusing screen	Spherical Acute Matte
Field of view	95 %
Magnification	0.83 x with 50mm lens at infinity, -1 m <sup>-1</sup>
Eye relief	Approx. 20 mm from the eyepiece, 16 mm from the eyepiece frame at -1 Dioptre (-1m <sup>-1</sup> )
Dioptre control	-2.5 ~ +1.0 m <sup>-1</sup>

### **DRIVE**

Drive mode	Single-frame advance, Continuous advance, 10 s and 2 s Self-timer, Single-frame advance bracketing, Continuous-advance bracketing. Continuous-advance rate: 3 frames per second (approx.), Max. 5 frames (RAW), max. 3 frames (RAW+JPEG)
Exposure bracketing	With 0.3 EV / 0.7 EV increments, 3 frames

### **ANTI-SHAKE**

System	CCD-Shift mechanism
Anti-Shake display	Anti-Shake scale in viewfinder
Anti-Shake compensation	Approx. 2 EV ~ 3 EV decrease in shutter speed (Varies according to shooting conditions and lens used)

### **OTHERS**

Other functions	Instant playback, Customisation, Zone Matching, Depth-of-field preview
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PC interface	USB: Full-Speed 12Mbps data transfer with a USB2.0 compatible computer
Video output	PAL / NTSC (selected on the camera)
Operating temperature	0 ~ 40 C / 32 ~ 104 F
Printing output control	Exif Print, PRINT Image Matching III, PictBridge
Battery	Lithium-ion battery NP-400
Battery performance	No. of frames recorded: approx. 550 (CIPA measurement), approx. 700 (Konica Minolta measurement)
External power source	6 V DC (with AC adapter AC-11)
Dimensions (WxHxD)	Approx. 130.5 mm x 92.5 mm x 66.5 mm
Weight (approx.)	Approx. 590 g* * without batteries, memory card and body accessories.

**COMPATIBLE COMPUTERS**

IBM PC / AT compatible computers:

Windows Me, Windows 2000 Professional, Windows XP (Home / Professional), Windows 98, or Windows 98 Second Edition

Apple Macintosh computers:

Mac OS 9.0 ~ 9.2.2, Mac OS X v.10.1.3 ~ 10.1.5, v.10.2.1 ~ 10.2.8, v.10.3 ~ 10.3.9, v10.4 ~ 10.4.1

**Number of frames recorded based on image quality and size\*1**

Image quality mode	Image size*2	File size (approx.)	Continuous advance	Storage capacity (512MB CF)
RAW		8.8 MB	5	53
RAW + JPEG	L	11.5 MB	3	39
	M	10.2 MB	3	44
	S	9.3 MB	3	48
EX-FINE (JPEG)	L	5.9 MB	3	82
	M	3.3 MB	9	145
	S	1.6 MB	314	314
FINE (JPEG)	L	3.0 MB	10	163
	M	1.7 MB	40	282
	S	850 KB	584	584
STD (JPEG)	L	1.8 MB	24	277
	M	1.0 MB	470	470
	S	540 KB	926	926

\*1 In AF-S mode at shutter speeds above 1/500 s, using a SanDisk ULTRA II 512MB CompactFlash card. File size and frame storage capacity vary according to subject matter.

\*2 L: 3008 x 2000, M: 2256 x 1496, S: 1504 x 1000



**DiIMAGE Master Lite: System requirements**

	IBM / PC compatible computers	Apple Macintosh series computers
CPU*	Pentium II Processor or later (Pentium III or later recommended)	PowerPC G3 or later (PowerPC G4 or later recommended)
Operating System	Windows 98, or Windows 98SE Windows ME, Windows 2000 Professional, Windows XP (Home / Professional)	Mac OS X v.10.1.3 ~ 10.1.5 v.10.2.1 ~ 10.2.8, v.10.3 ~ 10.3. v.10.4 ~ 10.4.1
RAM	128 MB (256 MB or more recommended)	
Hard-disk space	200 MB or more (100 MB or more for installation)	
Monitor	A 16-bit colour monitor with a minimum resolution of 1024 x 768 (XGA), or higher	

\* Necessary to meet the requirements recommended for use with the OS.

**DiIMAGE Master (v.1.1)\*: System requirements**

	IBM / PC compatible computers	Apple Macintosh series computers
CPU*	Pentium II Processor or later (Pentium III or later recommended)	PowerPC G3 or later (PowerPC G4 or later recommended)
Operating System	Windows 2000 Professional, Windows XP (Home / Professional)	Mac OS X v.10.1.3 ~ 10.1.5 v.10.2.1 ~ 10.2.8, v.10.3 ~ 10.3.9, v.10.4 ~ 10.4.1
RAM	128 MB (256 MB or more recommended)	
Hard-disk space	200 MB or more (100 MB or more for installation)	
Monitor	A 16-bit colour monitor with a minimum resolution of 1024 x 768 (XGA), or higher	

Necessary to meet the requirements recommended for use with the OS.

\* DiIMAGE Master v.1.1 (updater scheduled to be available for download in late August 2005) is required for DYNAX 5D RAW data image processing.

- The actual number of frames recorded may vary according to the subject and media used.
- The computer and operating system must be guaranteed by their manufacturers to support a USB interface.
- Problems may be encountered when other USB devices are being used in parallel with this product.
- Only built-in USB ports are supported; problems may be encountered if the camera is connected to a USB hub.
- Users with Windows 98 and Windows 98 Second Edition operating systems must install dedicated driver software included on the DiIMAGE Master Lite CD ROM.
- Inherent limitations in current LCD manufacturing technology may result in the appearance of one or more light or dark pixels in the LCD monitor. Such light or dark pixels do not affect overall performance or camera operation and are not indicative of monitor damage. Images other than product photos may be simulated for design purposes.

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://5d.konicaminolta.com>

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