

KONICA MINOLTA MAXXUM 7D DIGITAL SINGLE LENS REFLEX (SLR) CAMERA

Specifications

Camera Type	Interchangeable-lens digital SLR camera																										
Lens Mount	Alpha A-type bayonet mount																										
Image Capture	Total pixels: 6.3 million, Effective pixels: 6.1 million CCD size: 23.5mm x 15.7mm, Interline primary color, interlace scan Sensitivity: Auto and 100, 200, 400, 800, 1600, and 3200 ISO equivalents Aspect ratio: 3:2																										
Recording	Recording Media: Type 1 and Type 2 CompactFlash Cards, Microdrive, SD Memory Cards and MultiMedia Cards with optional CompactFlash Adapter SD-SF File format: JPEG, RAW, RAW+JPEG (DCF 2.0 compliant, DPOF (supported by printing functions in version 1.1), Exif 2.2) Storage capacity: Approximate storage capacity of a 256MB: <table border="1"> <thead> <tr> <th></th><th>3008x2000</th><th>2256x1496</th><th>1504x1000</th></tr> </thead> <tbody> <tr> <td>RAW</td><td>26 frames</td><td>-</td><td>-</td></tr> <tr> <td>RAW+JPEG</td><td>19 frames</td><td>21 frames</td><td>23 frames</td></tr> <tr> <td>Extra fine</td><td>41 frames</td><td>72 frames</td><td>157 frames</td></tr> <tr> <td>Fine</td><td>81 frames</td><td>141 frames</td><td>292 frames</td></tr> <tr> <td>Standard</td><td>138 frames</td><td>235 frames</td><td>463 frames</td></tr> </tbody> </table> Color mode: Natural: sRGB, Natural +: sRGB, Adobe RGB Image quality mode: Standard, Fine, Extra-fine, RAW, RAW+JPEG (Fine) Image correction: Contrast, Color saturation, Sharpness, Hue (5 levels) Noise reduction: Available (at shutter speed longer than 1 second, ON/OFF selectable) Delete function: Single frame, Marked frames or All frames in a folder in card can be deleted.				3008x2000	2256x1496	1504x1000	RAW	26 frames	-	-	RAW+JPEG	19 frames	21 frames	23 frames	Extra fine	41 frames	72 frames	157 frames	Fine	81 frames	141 frames	292 frames	Standard	138 frames	235 frames	463 frames
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White Balance Control	Automatic, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent, Flash), Custom, Color temperature setting available																										
Playback	LCD monitor: 2.5-inch TFT color Total pixels: 207, 000 Navigation system: (Enlarged display, Automatic rotate function) Number of frame/s displayed: 1, Index (4, 9, 16 selectable) Display mode: Image only, Image + text, Image + text + histogram Enlarged playback (Up to approximately 5x), Luminance limit Display, File browser, Slideshow, Instant bracket playback																										
Autofocus System	Type: Through-the-lens (TTL) phase-detection system Sensor: CCD line sensors (9 points, 8 lines with center cross-hair sensor)																										

	<p>Sensitivity range: EV-1 – EV18 (ISO 100)</p> <p>Autofocus area: Wide focus area, any local focus area is selectable from 9 point sensors.</p> <p>Focus mode: Autofocus/Manual focus can be selected.</p> <p>Autofocus mode: Single-shot AF, Continuous AF, Automatic Autofocus (DMF is selectable in menu). Predictive focus control for moving subjects. Auto-tracking focus point display</p> <p>Focus lock: Available (by pressing the shutter release button halfway down)</p> <p>Illuminator: Available (with pre-flash) 3.3-16.4 ft. (1.0-5.0m)</p>																
Autoexposure System	<p>TTL metering using 14-segment honeycomb-pattern SPC (14-segment Honeycomb-pattern/Center-weighted/Spot metering)</p> <p>Metering range: EV 0 - 20 (EV 3 - 20 in spot metering)</p> <p><i>* at ISO100 with f/1.4 lens</i></p> <p>Exposure modes: P/Full-auto program (Programmed AE with program shift), A (Aperture priority), S (Shutter priority), M (Manual)</p> <p>Exposure-compensation compensation:</p> <p>+/- 3 EV in 1/2 increments</p> <p>+/- 2 EV in 1/3 increments</p> <p>AE lock: Automatically activated with AF lock, Available with AE lock button</p>																
Flash	<p>Flash metering: ADI, Pre-flash TTL, Manual flash control</p> <p>Guide number: 12 (in meters at ISO 100), 17 (in meters ISO 200)</p> <p>Coverage: 24mm</p> <p>Recycling time: Approximately 3 seconds</p> <p>Control: Manual switchover. Lift-up for Fill Flash, push down for Flash Cancel.</p> <p>Flash modes: Fill Flash, Flash Cancel, Red-eye Reduction (pre-flash), Wireless/Remote Off-camera Flash, Rear Flash Sync., High Speed Sync.</p> <p>Flash compensation: +/- 2 EV in 1/2 stop increments</p>																
External-flashes	<p>Program Flash 5600HS(D), 3600HS(D), 2500D, Macro Ring Flash 1200* with flash sync. terminal</p> <p><i>* Macro Flash Controller is necessary.</i></p>																
Shutter	<p>Type: Electronically-controlled, vertical-traverse, focal-plane Shutter</p> <p>Range: 30-1/4000 second, Bulb</p> <p>sync speed: 1/160 second (with Anti-shake OFF), 1/125 second (with Anti-shake ON)</p>																
Drive	<p>Drive modes: Single, Continuous, 10 seconds/2 seconds self-timer, Single bracket, Continuous bracket</p> <p>Continuous advance: Approximately 3 frames per second</p> <p>Approximate number of frames that can be captured at one time:</p> <table><tr><td></td><td>3008x2000</td><td>2256x1496</td><td>1504x1000</td></tr><tr><td>RAW</td><td>9 frames</td><td>-</td><td>-</td></tr><tr><td>RAW+JPEG</td><td>9 frames</td><td>9 frames</td><td>9 frames</td></tr><tr><td>Extra fine</td><td>12 frames</td><td>14 frames</td><td>20 frames</td></tr></table>		3008x2000	2256x1496	1504x1000	RAW	9 frames	-	-	RAW+JPEG	9 frames	9 frames	9 frames	Extra fine	12 frames	14 frames	20 frames
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Anti-Shake	CCD-Shift Anti-shake system with LED indicator in viewfinder Anti-shake effect: Equivalent to 2 – 3 steps in shutter speed <i>(Effect varies depending on shooting conditions and the lens used.)</i>				
Viewfinder	Type: Eye-level fixed pentaprism Focusing screen: Spherical Acute Matte (G-type as standard) Field of view: Approximately 95% Magnification: 0.9x (with 50mm lens focused on infinity) Diopter control: –3.0 to + 1.0 m ⁻¹ Eye-relief: 25mm from the eyepiece, 21mm from the eyepiece frame in -1 m ⁻¹ Eyepiece cup is removable. Interchangeable focusing screen is available (type M, L, ML) at service facilities.				
Video Output	NTSC / PAL				
Audio Signal	Yes				
Printing Output Control	Print, PRINT Image Matching , PictBridge				
PC Interface	2.0 High-Speed				
Remote Function	Remote data storage: available. (Remote-storage function software 'DiIMAGE Transfer' for Maxxum7D is available as a free download. It will be released in January 2005.				
Power	Battery: One NP-400 Li-ion battery Battery condition indication: 4-stage indicator appears when the camera is turned on. External power source: 6V DC (with specified AC adapter AC-11), Vertical Control Grip VC-7D				
Battery Performance (with Fresh Batteries)	Number of recorded images: <ul style="list-style-type: none">Approximately 400 frames. (CIPA measurement*1) Conforming to CIPA standard test method with a compact flash card and an NP-400 lithium-ion battery.Approximately 600 frames (Konica Minolta measurement A*2)Approximately 2000 frames (Konica Minolta measurement B*3) Conditions: Anti-Shake: ON, Recording media: 512MB CompactFlash Cards, Battery: Li-ion Battery NP-400, *1: CIPA: Camera & Imaging Products Association *2: Flash: OFF, other conditions are same as CIPA measurement. *3: Drive mode: 5 frames continuous shooting, Flash ;OFF, Instant Playback: NO				
Dimensions (W x H x D)	4.17 x 3.05 inches (150 x 106 x 77.5mm)				
Weight	26.81 ounces (760g) (without batteries and recording media)				
Operating Temperature	32-104 °F (0 - 40 °C)				

Standard Accessories	DiMAGE Viewer CD-ROM, Li-ion Battery NP-400, Li-ion Battery Charger BC-400, Wide Strap WS-4, Shoe-Cap SC-1000, Eyepiece Cap , Eyepiece Cup EC-1400, Body Cap BDC-1000, Remote Cord Clip, LCD Monitor Protect Panel MPP-1000, USB Cable USB-2, Video Cable VC-500
Optional Accessories	Vertical Control Grip VC-7D, Camera Case CS-7D, AC Adapter AC-11, SD-CF Card Adapter SD-CF 1, Remote Cord RC-1000S, Remote Cord RC-1000L, DiMAGE Master Software

Compatible computers: IBM PC/AT compatible computers:
Window 98*/Me/2000(Professional)/XP(Home/Professional)
Macintosh OS9.0-9.2.2/OS X v10.1.3-10.1.5/v10.2.1-10.2.8/v10.3-10.3.5

- 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 operating system must install dedicated driver software included in the DiMAGE viewer CD-ROM.

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

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