



KONICA MINOLTA

Technical Specifications

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| 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), ISO50,100, 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: | 0.10m / 4 in. from front of camera 0.06m / 2.4 in. (Super Macro) |
| Maximum magnification: | 0.1x (1:10) Equivalent to 0.82x (1: 1.22) in 35mm format |
| Area covered at maximum magnification: | 42.3 x 31.8mm / 1.63 x 1.25 in. |
| Viewfinder type: | Optical real-image zoom viewfinder |
| Monitor LCD: | 5.2cm (2.0 inch) digital-interface TFT colour monitor with anti-reflection coating Total pixels: Approx. 115,000 |
| Shutter: | CCD electronic shutter and mechanical shutter |
| Shutter speed range: | 4 - 1/1000 s |
| 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 are only manually set. |
| Exposure compensation: | ±2 Ev in 1/3 increments |
| Flash range: | Wide: 0.2 – 3.2m / 0.7 – 10.5 ft. (approx.) Telephoto: 0.1 – 1.8m / 0.3 – 5.9 ft. (approx.) (Camera sensitivity: auto) |
| Flash modes: | Autoflash, Autoflash with red-eye reduction, Fill-flash, Flash cancel |
| Continuous advance: | Available, Speed: Approx. 1.9 fps* |
| UHS(Ultra High Speed) | Available, Speed: Approx. 11 fps*(1280 x 960) * Actual speed may vary depending upon the subject and camera settings. |
| Self-timer: | 10 s (approx.) |



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| 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 fps , 30fps Night Movie Movie frame capture Movie clip capture |
| Audio: | Audio recording: 180 min. (max.) * * requires 128MB memory card. Voice memo: 15s (max) Audio caption: 15s (max.) Monaural audio only |
| White balance control: | Automatic, Preset (Daylight, Cloudy, Tungsten, Fluorescent) |
| Colour modes: | Colour, Black and White, Sepia |
| Noise reduction: | User selectable |
| Digital zoom: | 4.3 x (max.) 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 |



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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) | 15fps: 41 seconds, 30fps: 21 seconds | | | | |
| Audio recording | 30 minutes 28 seconds | | | | |

* Still images recorded without voice memo or audio capture

** 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 ver. 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, Multimedia Cards

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:

NP-700 lithium-ion battery

Battery performance

(Playback):

Approximate continuous playback time: 170 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 standard memory card (SD, 16MB)

External power source:

4.7V DC with specified AC adapter (sold separately)



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| Dimensions: | 83.5 (W) x 62 (H) x 23.5 (D) mm/ 3.28(W) x 2.44(H) x 0.93(D) in. |
| Weight: | 125 g / 4.4 oz. (approx.) without battery or recording media |
| Operating temperature: | 0-40°C / 32-104°F |
| Standard accessories: | Lithium-ion Battery NP-700 (new) Battery Charger BC-800 Hand Strap HS-DG130 USB Cable USB-3 SD (Secure Digital) Memory Card (16MB) DiMAGE Viewer CD-ROM |
| Optional accessories: | AC Adapter set AC-4 or AC-5 Metal Chain Neck Strap NS-DG100 *Availability varies with region. |

Technical Specifications of Marine Case MC-DG400

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| Maximum depth (underwater): | 40m / 131 ft. |
| Weight: | 240g / 8.5 oz. (Case only) (TBD) |
| Dimensions: | 125.5 (W) x 94 (H) x 50.5 (D) mm / (TBD) 4.94 (W) x 3.7 (H) x 1.99 (D) in. (TBD) (excluding protrusions) |
| Standard accessories: | Hand strap O-ring grease Desiccant |
| Optional accessories: | O-ring set |

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, v10.3-10.3.3 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:

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| 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.

System requirements are based on the latest information available at the time of printing and are subject to change without notice.

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