Explore the Limits of Creative Digital Imaging

3.17 Megapixels

Images with impressive colour and detail via CxProcess™ image processing and 3.17 million effective pixels
High-performance 35 – 250mm Minolta GT Lens
7X optical zoom and Super Macro for versatile shooting possibilities
Flexible handling and diverse creative control with the Digital Hyper Viewfinder
A wide array of functions supporting fast, effortless operation
Discover how powerful 3-megapixel digital photography truly can be. The DiMAGE 5 gives you more than just high resolution—it offers a wealth of features for advanced creative imaging. A sophisticated 7X zoom lens with 250mm equivalent telephoto. High-performance SLR functions. And versatile digital features for flexible, on-the-spot adjustments. A fusion of Minolta's finest optical and digital technologies, the DiMAGE 5 opens up a world of creative possibilities with fast, responsive operation. Discover the possibilities.
Capture highly detailed images with superb colour quality

**Highly detailed 3.17-megapixel* images**

Superior quality digital photography begins with high resolution, and in this respect the DiMAGE 5 is sure to satisfy. The camera is equipped with a 1/1.8-type CCD that has a total pixel count of 3.34 million pixels. At this level, you can transform your images into sharp, beautiful prints in various sizes. Enlargements up to 26 x 34 cm can be produced on an inkjet printer at 150dpi print resolution. Alternatively, a dye-sublimation printer will provide professional print quality with traditional photo-size output (11 x 15 cm at 350dpi). To support optimum colour fidelity, the camera’s CCD also features a primary colour RGB filter.

*The CCD’s effective pixel count. Total pixel count: 3.34 million pixels.

**High-performance Minolta GT Lens**

With CCD resolution this high, superior optics is a must. That’s why the DiMAGE 5 includes an optical system that matches the precision of the top-of-the-line DiMAGE 7. This system has the new Minolta GT Lens at its core to maximise CCD performance. The GT Lens is an all-glass, APO (apochromatic) lens composed of 16 elements in 13 groups. Its AD (anomalous dispersion) glass elements minimise chromatic aberration to ensure sharp, bright images at all focal lengths. Two moulded aspheric glass elements suppress curvilinear distortion, which means high image quality from the centre of an image to its edges. These aspheric elements help keep the camera compact as well. The GT Lens has a maximum f/2.8 aperture, allowing image capture in dim lighting conditions without the use of a flash.

**CxProcess™ technology for clear, natural images**

Minolta’s exclusive CxProcess™ image processing technology is another key factor in overall image quality. It was developed on the concept of providing “Clear & eXcellent” images that faithfully mirror your original impression of a scene. CxProcess™ fulfills this objective by optimising sharpness, colour reproduction, tonal gradation, noise reduction, and clarity. The DiMAGE 5 supplies CxProcess™ with highly accurate colour data to work with thanks to 12-bit A/D conversion, which differentiates 4,096 levels in each of the colour channels (red, green, blue)—a total of over 68 billion gradations. This expansive range enables the camera to create images with an exceptional amount of shadow and highlight detail.
Built-in flash unit

The DiMAGE 5 has a built-in flash with two selectable metering options: ADI (Advanced Distance Integration) flash metering and pre-flash TTL metering. Flash modes include fill-flash, red-eye reduction, and rear flash sync (which fires the flash at the end of the exposure, creating a blur effect behind a moving subject).

Compatible with Dynax SLR flashes

A collection of optional flash units leads the way to even more varied types of shooting. The Dynax Flash 5600HS(D) and 3600HS(D) include versatile functions such as auto power zoom and test flash. The Macro Twin Flash 2400 supplies flexible lighting for nature-oriented macro photography, while the Macro Ring Flash 1200 provides shadowless lighting geared towards scientific and medical applications*.

* The Macro Flash Controller is required for either macro flash unit.

Super Macro Mode for clear close-up shots

Super Macro mode brings your subject as close as 13cm from the front of the lens. An insect can be photographed without it getting away, and this proximity also provides impressive results: the subject is captured in sharp detail, while the background is naturally defocused. The DiMAGE 5 covers a wide 3 x 4 cm shooting area with 0.87X magnification*. Optional macro flash units are available for enhanced macro photography.

* 35mm camera equivalent

Flexible composition is another major advantage of the DiMAGE 5, especially with telephoto. Its 250mm focal length puts distant subjects within your shooting range, making it an ideal camera for sports or wildlife photography. What’s more, the powerful 7X optical zoom covers a focal range of 35 – 250mm, giving you the freedom to capture images in virtually any situation. A zooming ring at the end of the lens allows you to zoom smoothly to your desired focal length while maintaining a secure grip on the camera. Plus, with a single press of the digital zoom button, you can extend your zoom range up to 14X.

* 35mm camera equivalent

35 – 250mm* 7X zoom APO lens plus 2X digital zoom

DiMAGE 5 with the Macro Twin Flash 2400

Macro, f/5.6, 1/60 second, ISO 100, Fine Mode
The Digital Hyper Viewfinder enhances your creative control

Optimised viewing plus functional design

True to its name, the Digital Hyper Viewfinder gives you many more options than a standard optical viewfinder does. With approx. 220,000-pixel resolution and adjustable brightness, it yields a clear view of the scene in glaring sunlight or under dark conditions. Other benefits include an approx. 100% field of view without parallax error and a wide diopter adjustment range. The viewfinder can also be tilted up to 90-degrees, to serve as an angle-finder during tripod shooting. Battery power is conserved by an eye sensor that temporarily turns off the LCD monitor when you are looking through the viewfinder.

Digital Subject Program Selection

Leave exposure settings to the DiMAGE 5 for a variety of subject types: portrait, sports, sunset, night portrait, and text. The Digital Subject Program Selection sets aperture and shutter speed to best match the scene, and its effects can be confirmed on the Digital Hyper Viewfinder at any time. Adjustments made with the Digital Effects Control can also be added.

On-the-spot image adjustments with the Digital Effects Control (DEC)

The Digital Effects Control (DEC) lets you adjust various values (such as exposure compensation, contrast, and colour saturation) through the camera itself. These alterations do not degrade image quality, and can be checked with either the viewfinder or LCD monitor before you capture your first shot. Used in combination with the bracketing function, this feature is an excellent tool for creating images as you envision them, in diverse shooting conditions.

250mm, f/6.7, 1/1000 second, ISO 100, Fine Mode
High-precision 3-point wide AF

To maximise its performance as a tool for creative imaging, the DiMAGE 5 incorporates a number of sophisticated features found in SLR cameras. One such feature is the exceptionally wide autofocus area. It consists of three local focus areas with a cross hair in the centre to accurately determine subject distance regardless of its surrounding contrast. Pressing the shutter release button halfway illuminates the active local focus area for easy confirmation. The DiMAGE 5 additionally offers switching between Single-shot AF and Continuous AF modes.

Greater control through Flex Focus Point (FFP)

For unmatched operator control with AF operation, the Flex Focus Point (FFP) allows you to move the cross-hair focus point to any position in the image area. Using this feature, you can achieve clear focus with subjects on the edge of the frame. Or, you can single out a specific subject within a group of objects positioned at varying distances. Flex Focus Point provides an added degree of focus accuracy when working with macro photography as well.

Speedy Autofocus

The higher image resolution gets, the slower AF generally becomes. Thanks to its innovative AF system, however, you can obtain sharp, in-focus images of moving subjects with the DiMAGE 5. The camera adopts an ultra-fast image processing LSI chip and lightweight focusing component to effectively tracks subject position with minimal focusing time.

Autoexposure with 256-segment metering and selectable exposure modes

256-segment metering ensures that vivid, natural-looking colour images are captured with high exposure accuracy. It does this by using luminance patterns and AF information to calculate exposure, then calibrating white balance when necessary. Exposure control is available in P/A/S/M modes for optimum results with different shooting objectives. The mechanical shutter has shutter speeds ranging from 4 to 1/2000 seconds, which allows long exposure to be taken (such as bulb-trigger shots for up to 30 seconds). Its seven-blade aperture produces a natural de-focusing effect, and can be controlled in fine increments.
Convenient features for fast, comfortable operation

Rapid start-up, continuous shooting and more
An innovative, ultra-fast LSI chip offers the rapid signal processing that’s crucial for dynamic camera performance. One key benefit is a fast start-up time of only 2.6 seconds. And, despite its high pixel count, the camera provides fast continuous shooting of 1.3 frames per second, short shutter-release time lag (approx. 0.1 second), and short capturing intervals (approx. 0.75 second). The LSI incorporates a 32-bit RISC CPU connected to large-capacity SDRAM via a 32-bit data bus.

Digital Enhancement Bracketing for variations
With Digital Enhancement Bracketing, the camera automatically produces a series of exposures with slight variations for you to choose from. This feature additionally allows bracketing of contrast and colour saturation, giving you even more variables to work with.

Software-based image adjustments
The utility software provided with the DiMAGE 5 lets you fine-tune an image’s tone curve and histogram, and includes adjustable settings for brightness and contrast, hue and colour saturation. Images can be saved in Exif2.1 (JPEG, TIFF) or Motion JPEG (AVI) file formats.

Flexible white balance control
The DiMAGE 5 automatically takes care of white balance adjustment when used in different lighting conditions. Or, if you wish to select the setting yourself, four different manual options are available: daylight, tungsten, cloudy, and fluorescent. For maximum flexibility, there is also a custom setting for calibrating white balance to best match unique lighting situations.

More outstanding functions & features
- Compact, sturdy design with a magnesium die-cast exterior
- RAW mode that supplies original image data without degradation
- Type I & II CompactFlash cards (compatible with IBM Microdrive™)
- Camera control layout designed for comfortable operation
- Various selectable drive modes: continuous drive, bracketing, interval, and self-timer
- Data imprinting of up to 16 alphanumeric characters
- Movie recording of up to 60 seconds
- 49mm diameter filters available
- Selectable camera sensitivity (ISO 100/200/400/800 equivalent)
- Video output (NTSC/PAL)
- PIM (Print Image Matching) support

The photographs in this brochure (except for product photos) were taken by Chukyo Ozawa using the DiMAGE 5 pictured here.
**SYSTEM CHART – Wide range of interchangeable accessories**

### SPECIFICATIONS

#### Number of effective pixels
- 3.17 million pixels (2056 x 1544)

#### CCD
- 1/1.8-type interline primary-colour CCD with a total of 3.34 million pixels

#### Camera sensitivity
- Auto, ISO 100, 200, 400 and 800 (ISO equivalent)

#### Aspect ratio
- 4:3

#### Lens construction
- 16 elements in 13 groups; includes two AD glass elements and two aspheric elements

#### Maximum aperture
- f/2.8 – f/3.5

#### Focal length
- 7.2 – 50.8 mm (equivalent to 35 – 250 mm in 35 mm format)

#### Focusing range
- Approx. 0.5 m to infinity (from the CCD)

#### Viewfinder type
- 46mm TFT colour (Total number of pixels: 122,000, viewfinder eyepoint)

#### Digital zoom
- 1/1.8-type interline primary-colour CCD with a total of 3.34 million pixels

#### LCD metering
- Optical zooming control
- Infrared
- Electronic

#### Optical zooming control
- Manual zooming ring

#### AF area
- Wide focus area or spot focus point

#### Focus modes
- Autofocus: single-shot AF, and continuous AF modes, Manual focus

#### Focus lock
- Available (with AF / AE lock button or by pressing the shutter-release button partway down)

#### Exposure modes
- P (Programmed AE) Program Shift available, A (aperture priority), S (shutter priority), and M (manual)

#### Digital Program Selection (portrait, sports action, sunset, night portrait, and text)

#### Digital Effects Control
- Exposure, colour saturation, and contrast compensation.

#### Metering
- Manual, programmed, center-weighted, and spot metering

#### Exposure control range
- Wide: Ev 1 to 17, Tele: Ev 1.6 to 17.7

#### Shutter
- CCD electronic shutter and mechanical shutter

#### Shutter speeds
- Bulb (max. 30 seconds), 1/4 – 1/2000 seconds

#### White balance control
- Automatic, preset (daylight, tungsten, fluorescent, and cloudy)

#### AE lock
- Available (with AF / AE lock button or by pressing the shutter-release button partway down)

#### Exposure compensation
- f/2.8 – f/3.5 EV increment

#### Flash compensation
- +2.0 to +1/3 EV increments

#### Flash metering
- ADI flash metering, Pre-flash TTL metering, Flash-sync speed: all shutter speeds

#### Flash modes
- Fill flash, Red-eye reduction, Rear flash sync

#### Built-in flash range
- Wide: approx. 0.5 to 3.8 m, Tele: approx. 0.5 to 3 m

#### Recycle time
- Approx. 7 seconds

#### Viewfinder type
- Electronic viewfinder (EVF), Variable-position viewfinder from 0 – 90 degrees.

#### Viewfinder LCD
- Ferroelectric 4.8 mm reflective liquid crystal micro-display, with equivalent visual resolution of approx. 220,000 pixels

#### Field of view
- Approx. 100%

#### Viewfinder magnification
- 0.38 – 2.8x

#### Diopter control
- Yes, -5 to +0.5 diopter

#### Display-mode switch
- Auto-display, electronic-viewfinder display, and external LCD monitor display modes

#### A/D conversion
- 12 bits

#### File format
- EXIF2.1 JPEG, TIFF, Motion JPEG (AVI), DCF 1.0 / DPOF 1.1 compliant

#### Recording media
- CF Card Type I & II, Microdrive (170MB, 340MB, 512MB/1GB)

#### Printing output control
- Print Image Matching

#### Number of recorded pixels
- 2048 x 1536, 1600 x 1200, 1280 x 960, 640 x 480

#### Colour modes
- Colour, Black and white

#### Image quality modes
- Economy, Standard, Fine, Super Fine

#### Sharpness setting
- Three levels (Soft, Normal, Hard)

#### File size

#### Storage capacity
- 170MB/340MB/512MB/1GB

#### Exif tag information
- Date and time, Exposure mode, Shutter speed, Aperture value

#### Battery performance
- Continuous playback time: approx. 110 minutes

#### External power source
- USB Ver.1.1 and NTSC/PAL

#### Dimensions
- 116.5 x 90.5 x 112.5 mm

#### Weight
- Approx. 505 g (without batteries and CompactFlash Card)

### Compatible Computers

- * Users of Windows 98 and Windows 98 SE must install dedicated driver software supplied with the product.
- ** Users of Windows 98 and Windows 98 SE must install dedicated driver software supplied with the product.
- *** Users of Mac OS 9.0.4 must install dedicated driver software supplied with the product.
- **** Users of Mac OS 8.6 must install dedicated driver software supplied with the product.

### Notes:
- 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 occur even if all the system requirements are met.

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: [www.dimage.minolta.com](http://www.dimage.minolta.com)