



KONICA MINOLTA

PRODUCT ANNOUNCEMENT



DiMAGE G600

The New DiMAGE G600 Speedy, Easy & Powerful – in an Amazingly Compact Package

Mississauga, Ontario – March 18, 2004 - With the DiMAGE G600, Konica Minolta focused on the essence of what a camera should be – quick, easy to use, and able to produce high-quality images to last a lifetime and beyond. This new design 6-megapixel model features Rapid Response; an ergonomic and easy-to-use design; and is packed with features that will appeal to both beginners and advanced amateurs alike.

High picture quality is obtained through a GT HEXANON Lens that produces stunningly accurate images. These images are then received by the 1/1.76-inch 6.4-megapixel CCD, which gives high-resolution picture quality unexpected from such a compact camera. The result is beautifully detailed images across the entire zoom range in a slim, pocketable design. Completing the process, high-resolution images are assured with precision processing provided by the newly developed A*IPS – using Konica Minolta's algorithm, which instantly determines optimum exposure, focus and white balance.

And, you will not have to wait for this outstanding performance – the newly developed Signal Processing Engine enables a speedy 1.3-second start-up that will have the camera ready to use when you are. This is further facilitated through speedy image processing that greatly reduces the interval between pictures. Pictures can be magnified up to twelve times with high-speed scroll. By magnifying a portion of a picture after shooting, this feature also allows you to conveniently and quickly double check focus.

The exterior design and placement of controls have been redesigned. Stainless steel and aluminum design elements create a modern, yet timeless design, with ergonomically placed controls that users will feel right at home with – all efficiently packaged in a pocketable W94 x H56 x D29.5 size.

Computer-less printing is made possible with PictBridge equipped printers. Dual card slots (Memory Sticks and SD Memory Cards) facilitate transferring of both still and moving images to other media, and Memory Sticks can be plugged directly into Sony computers. Advanced users can fine-tune colors and create special effects with the camera's many functions, allowing photographers to fully express their artistic vision. Macro mode allows photographing of objects a mere 6 cm away (on the wide), taking in the 46 X 63 mm range.

Product Highlights

- **High Definition 6-Megapixel CCD**
Detail sufficient for printing on more than A3 sized paper (476.8 x 357.6mm and larger) at 150 dpi.
- **Hybrid Adaptive A*IPS image processing**
- **High Quality GT HEXANON lens**
- **Rapid Response** – Rare among digital cameras with protruding lenses, the DiIMAGE G600 is ready to shoot in a mere 1.3 seconds.
- **Direct Printing** – New to the DiIMAGE G600, direct printing from the camera (without using a computer) is possible thanks to industry-standard PictBridge support.
- **Dual-Card Slot System** enables simultaneous use of both SD (SecureDigital) and MS (Memory Stick) type cards. (The G-Series cameras are the only non-Sony cameras that utilize the Memory Stick.)
- **User-Selected Metering System** with both center-weighted average metering and spot metering.
- **Open-Shoot-Close.** Operation of the DiIMAGE G600 is that simple. The sliding cover that so many long-time compact film camera users are accustomed to has been adopted, also protecting the lens.
- **Intuitive layout** that anyone will be able to use from the very first time they pick it up to take a picture.
- **Easy close-ups.** The macro mode focuses on subjects at a minimum distance of 6cm on the wide and encompasses a subject area of around 46 X 63 mm.

Features

6.4 Megapixel CCD Sensor

Precision CCD provides high resolution and picture quality that is truly amazing from such a compact camera. It captures images with sharpness and detail not possible with 2-5 megapixel cameras. The DiIMAGE G600 is powerful enough to render extremely fine details and delivers stunning results with prints more than A3 sized paper (476.8 x 357.6mm and larger) at 150 dpi.

Advanced Electronics

Newly developed A*IPS (A* Image Processing System) further contributes to the high quality images produced by this camera. Using an original Konica Minolta algorithm, the best exposure, focus, and white balance are determined in an instant. Quickly and effortlessly, superbly balanced images are captured and in turn, enable high quality prints.

Quality Optics

The high performance lens incorporates a GT HEXANON lens system (7 elements in 6 groups) with 3x optical zoom. Images come out sharp and clear with minimal flaring and peripheral aberration thanks to original internal reflection processing and optical design.

Quality Display

The LCD monitor of the DiMAGE G600 uses a 1.5-inch low-temperature polysilicon TFT color LCD with approximately 118,000 pixels.

Rapid Response

Rare among digital cameras with protruding lenses, the DiMAGE G600's unique design protrudes in a remarkably short time – a mere 1.3 seconds (including readying the AF and AE). The rapidly deployed camera enables users to photograph subjects as soon as they pull the camera out of a pocket and slide back the lens cover. While other digital camera owners are missing shots, DiMAGE G600 owners will be happily going on their way with captured images in hand.

Quiet & Quick Zoom

Smooth, quiet, and quick, the high-speed zoom enables users to quickly capture images that users of slower cameras will miss. The DiMAGE G600 uses a high-quality 3x zoom lens employing seven elements in six groups to provide sharp, contrasting images. The zoom range is equivalent to a 39–117mm lens on a 35mm camera. This range is perfect for wide-angle landscape photography and telephoto portraits.

Ergonomic Layout

With often-used features concentrated on the camera's top panel, the basic operating cycle of record-playback-delete is simple. Even first-timers will find operation of this camera a breeze!

Short Interval Between Shots

Efficient processing and storage provides a short interval between shots.

Quick Focus Check

With quick enlargement and positioning of the recorded image, sharp focus can be verified before seeing the result on a computer screen or as a printed image.

Customizable Settings

Adjustment of settings is facilitated by color coded menus for easy navigation. Custom modes provide users with the ability to save their favorite shooting settings. Complicated exposure and white balance settings are simplified by the 4-way cross key from which adjustments can be made – including AE locking, AF locking, exposure compensation and white balance settings.

Locked Focus Recording Mode

Locked focus recording mode enables locking focus at 4.2m (13.8ft.) or 1m (3.28ft), facilitating difficult-to-focus pictures such as moving objects, scenes in dark places, and backlit scenes.

Manual Shutter Speed Settings

Shutter speeds and f-stops can be adjusted according to photographic conditions and objectives. Shutter speeds can be set in the 15 to 1/2000 second range, with noise reduction automatically triggered for shutter speeds of 1/2 second or longer, producing less noise for night scenes.

Black & White Mode

Two Monochrome modes (B&W, Sepia) provide a greater range of expression to creative photographers who can record images in black and white or sepia tones.

Audio and Movie Recording

Audio Caption enables users to add audio notes (recording time up to 30 seconds) to pictures after they are taken. Voice Memo enables recording of individual audio recordings of up to 30 seconds each. Movie Mode records movie clips up to 30 seconds with sound at 320 x 240 pixels.

Image Adjustment

Color adjustment adjusts vividness of colors from Rich to Plain. Contrast adjustment increases the contrast of low contrast scenes or decreases the contrast of high contrast scenes. Sharpness adjustment emphasizes contour of buildings and landscapes (+) and captures people and details (-). Tone adjustment – applicable to the three colors red, green and blue – produces effects mirroring those created with color filters, creating endless possibilities for creative expression through color. To help users better handle lighting conditions, users can also adjust ISO-equivalent sensitivity and flash compensation.

Superb Macro Images

The macro feature enables shooting from as close as 6cm (2.4 inches) from the subject on the wide end, taking pictures in the 46 X 63 mm (1.8 x 2.5 inch) range.

Dual-Card Slot System

The DiIMAGE G600 has a dual card-slot system for flexible image storage. Both Memory Sticks and SD Cards can be used singly or in combination. When both memory card types are used with the camera at the same time, up to 640MB of data can be saved depending on the capacity of the cards. This eliminates the worries of running out of memory during those important events.

Computer-less Printing

By directly connecting the DiIMAGE G600 to a PictBridge*-compliant printer, printouts can be made easily without going through a computer. The user can check which image they want to print on the LCD monitor.

**PictBridge is an industry standard established by the Camera & Imaging Products Association (CIPA).*

Long Lasting Battery

Super long-lasting lithium-ion battery, in conjunction with a design that conserves power, enables extensive operation on one charge.

Email Photo Creation

Resizing feature converts images to an ideal size for e-mail attachments or cell phone posting. Two sizes are available: 640x480 pixels (VGA) and 320x240 pixels (QVGA).

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DiIMAGE G600 – TECHNICAL SPECIFICATIONS

Number of Effective Pixels	6.0 million
CCD	1/1.76-type interlaced primary-color CCD
Total Pixels	6.40 million
Camera Sensitivity	Auto, ISO 50, 100, 200, 400 equivalents
Focal Length	8 – 24mm (35mm equivalent: 39-117mm)
Lens Construction	7 elements in 6 groups
Maximum Aperture	f/2.8 – f/4.9
Minimum Focus Distance	
Wide	0.5m / 1.6 ft. from front of lens
Telephoto	0.8m / 2.6 ft. from front of lens
Minimum Macro Distance	
Wide	6 cm / 2.4 in. from front of lens
Telephoto	50cm / 19.7 in. from front of lens
Viewfinder Type	Optical real-image zoom viewfinder
LCD Monitor	3.8cm (1.5 inch) TFT colour monitor
Total Pixels	117,000
Shutter	CCD electronic shutter and mechanical shutter
Shutter Speed Range	
Programmed AE	1 – 1/2000 s
Manual Exposure Mode	15 – 1/1000 s
Autofocus System	Video AF
Metering	Center-weighted average, Spot
Exposure Modes	Programmed AE, Manual
Exposure Compensation	± 1.5 Ev in 0.3 increments
Flash Range	
Wide	0.5 – 3.03m / 1.6 – 9.9ft. (approx.)
Telephoto	0.8 – 1.7m / 2.6 – 5.7ft. (approx.)
Flash Modes	Autoflash, Autoflash with red-eye reduction, Fill-in, Slow-sync, Macro-photo, Distant view, Self-timer, Fixed focus
Continuous Advance	Available
Self-Timer	10 s., 2 s., (approx.)
Movie Recording	Recording time: 30s (max.) with monaural audio
Frames	15 fps
Audio Recording	30 s (max.) of audio can be recorded with and without an image. Audio can be recorded and attached to a playback image. Monaural audio only.
White-balance Control	Automatic, Preset (Daylight, Tungsten, Cloudy, and Fluorescent settings)
Constrast Compensation	Five levels
Colour Saturation Comp.	Five levels
Sharpness Settings	Five levels
Colour Balance	Five levels for each RGB channel
Colour Modes	Colour, Black and white, Sepia
Digital Zoom	2x, 3x
Copy Function	To copy images and audio between memory cards
Resize	To VGA (640x480) from 2816x2112, 2272x1704 or 1600x1200 size images for transmission. To QVGA (320x240) from 2816x2112, 2272x1704, 1600x1200 or 640x480 for transmission

Compression Modes	Fine, Normal			
Number of Recorded Pixels Still Images Movie Clips	2816x2112, 2272x1704, 1600x1200, 640x480 320x240			
Storage Capacity	Approximate storage capacity of a 16MB CompactFlash card (Movie clips recorded with audio) (Actual number of images may vary depending upon subject and memory card used)			
	2816x2112	2272x1704	1600x1200	640x480
Fine	5 frames	8 frames	16 frames	66 frames
Standard	8 frames	16 frames	33 frames	133 frames
Movie Clip	Two 30-second clips			
File Formats	JPEG, Motion JPEG (AVI), WAVE, DCF 1.0 compliant, DPOF-compliant (supported by printing functions in ver. 1.1), Exif 2.2			
Printing Output Control	Exif Print, PictBridge			
Recording Media	SD (Secure Digital) memory cards, MultiMedia Cards, Memory Stick			
Computer Interface	Full-speed 12Mbps USB			
Battery	One NP-600 lithium-ion battery			
Battery Performance Playback Recording	Approximate continuous playback time: 180 min. Approximate number of recorded images: 160 frames Conforming to CIPA			
External Power Source	4.2 V DC with specified AC adapter (sold separately)			
Dimensions (W x H x D)	94 x 56 x 29.5mm / 3.7 x 2.2 x 1.16			
Weight	195 g / 6.88 oz. (approx.) without battery or recording media			
Operating Temperature	0 – 50°C (32 – 122°F)			
Standard Accessories	NS-DG130 Neck Strap, USB-800 USB Cable, 16MB SD Memory Card, NP-600 Lithium-ion Battery, BC600U Lithium-ion Battery Charger, DiMAGE Viewer CD-ROM			
Optional Accessories	AC Adapter AC-8U			

Note: Specifications and accessories are based on the information available at the time of printing and are subject to change without notice

IBM PC/AT compatibles:

Computers: IBM PC/AT compatible computers with preinstalled Windows XP Home, Windows XP Professional, Windows Me, Windows 2000 Professional, Windows 98*, or Windows 98 Second Edition* and with a USB port as standard interface.

RAM: 16MB of RAM (32MB or more recommended)

Monitor: 640x480 monitor capable of displaying 32,000 colors

Others: CD-ROM drive

Apple Macintosh Computers:

Computers: Apple Macintosh computers with preinstalled Mac OS 9.0-9.2.2, and Mac OS X v. 10.1.3-10.1.5, v. 10.2.1-10.2.8, v. 10.3-10.3.2 and with a USB port as standard interface.

CPU: PowerPC

RAM: 16MB of RAM (32MB or more recommended)

Monitor: 640x480 monitor capable of displaying 32,000 colors

Others: CD-ROM drive

- 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 systems must install dedicated driver software included in the DiMAGE G500 package.

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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