



my point of view



LEICA DIGILUX 2

The “analog” digital camera



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LEICA



LEICA DC VARIO-SUMMILUX

1:2.0-2.4 17-22.5 ASPH

FLASH EVF/LCD DISPLAY EV

FUNCTION

MENU

LEICA CAMERA GERMANY

Digital photography in a new light Leica Camera AG

forges ahead with an independent position in the digital era by combining the current best of two worlds : The new LEICA DIGILUX 2 features modern digital technology and the proven concepts of analog photography in a splendid combination. It is the first digital camera that can be operated like a classic professional camera. With the shutter speed dial on the top cover, the focusing ring and the setting rings for aperture and focal length on the lens, its operation is familiar, fast and precise. That makes the LEICA DIGILUX 2 the ideal tool for expressive images in an individual style. And because the results must be brilliant even in poor light situations, its core component is a high-performance lens with 13 elements in ten groups, incorporating valuable optical glasses as well as the legendary optical competence of Leica. That and its optimal harmonization with the sensor and the electronics lead to photographs with extraordinary quality. The LEICA DIGILUX 2 with its ingenious features thus carries on the trend that began so successfully with its predecessor Digilux 1, itself the recipient of many awards. The classic styling with structured rubber covering and the rugged magnesium body furthermore make it a durable reportage camera in our fast-paced era.

“The LEICA DIGILUX 2 is an expression of our loyalty to the craft of photography. At Leica, pictorial results and creativity are the priority, not whether the picture is exposed by digital or analog means. With the Digilux 2 we are providing photographers with a tool that enables them to search for those magic moments as intuitively as they did with their familiar analog professional cameras. The positive respect for tradition, even in product development, is the basis for products with great value retention. Now that the digital photo market has established itself, there is still room for solutions that bring together tradition and modernity.”
H.-P. Cohn, CEO of Leica Camera AG



Scale 1:1

The LEICA DIGILUX 2 New approaches to digital photography



— Distinctive feature

The fast LEICA DC VARIO-SUMMICRON 7–22.5 mm f/2.0–2.4 ASPH. zoom lens (which corresponds to a 28–90 mm zoom lens on a 35 mm camera) offers great photographic latitude. From a large wide-angle shot of a group or an architectural subject, all the way to an ideal focal length in the short telephoto range for portraits. Thanks to the large aperture, outstanding pictures can be achieved at all zoom settings, even in decidedly poor light conditions.

— Stay in control

The clean design elegantly incorporates a 2.5"-display with a detail-rich resolution of 211,000 pixels that is exceptionally large and brilliant for this class. Contrast is high and the image on the display permits optimal evaluation, even at an angle. An electronic magnifier facilitates exact manual focusing.

— Simple familiar operation

The classic operating elements are arranged in a clear manner and similarly to the accustomed 35 mm cameras. In conjunction with comfortable automatic functions, they allow precise and quick operation of the camera. Because of the familiar positioning of the controls, analog photographers will become accustomed to the new camera very quickly. Our goal is to bring the traditional photographic experience to the digital world.

— For comprehensive reportage

A 64 MB SD-Memory Card makes high mobility possible without the need for changing the card. This means that 5 brilliant pictures in the RAW format without compression or up to 484 pictures at the lowest resolution and highest compression can be stored on this memory card. And the powerful lithium battery provides continuous operating readiness for up to 3 hours.

— Large viewfinder image

The high-resolution electronic viewfinder was chosen over an optical viewfinder: All display indicators as well as the electronic magnifier are available in the viewfinder. The viewfinder image with its 235,000 pixels delivers the same 100 % of the subject being photographed as the display.



A summary of the features The combination of ease of use and optimal harmonization of all the components makes the LEICA DIGILUX 2 a digital photojournalistic camera.

As spontaneous a moment might be, and even when light conditions are poor – the Digilux 2 enables every photographer to inconspicuously capture extraordinary moments with brilliant photographs.



Classic operation This is unique for a digital camera: On the LEICA DIGILUX 2, the decisive photographic parameters of sharpness, aperture and focal length can be controlled just like they are controlled on a classic single lens reflex camera, i.e. by means of setting rings on the lens and shutter speed. This provides the photographer with great creative freedom. In addition, there are many comfortable automatic functions, all of which can be selected easily and quickly. The menu is multi-lingual (German, English, French, Italian, Spanish, Japanese, Chinese) and all the indicators shown in the display are also available in the viewfinder.

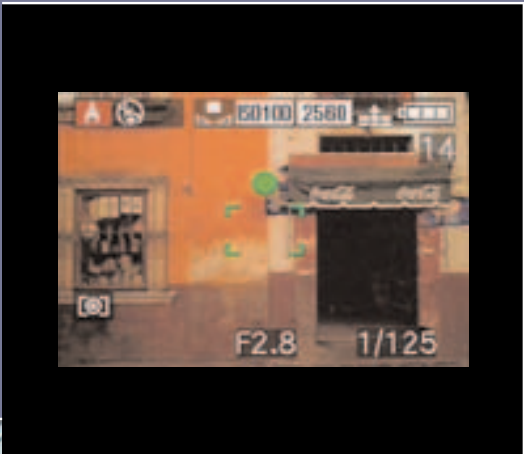
A lens with inner beauty The fast LEICA DC VARIO-SUMMICRON 7–22.5 mm f/2.0–2.4 ASPH. zoom lens corresponds to a 28-90 mm zoom lens for the 35 mm format. It consists of 13 lens elements made exclusively of genuine optical glass with complex coatings. It is arranged in ten groups, two lens elements have aspheric surfaces and several elements are made of high-refraction glass. The first group of lens elements remains stationary over the entire zoom range. This results in high mechanical stability, which in turn results in high focusing accuracy, longevity and precise mechanical movements. Both focusing as well as focal length changes take place exclusively inside the lens. The rear group focusing design makes it possible to focus quickly and without camera shake.

Lens hood A lens hood is supplied with the Digilux 2. We recommend its use at all times, because it further enhances pictorial results and it prevents reflections caused by incident rays of sunlight.



Perfect harmonization With the goal of making the best pictorial result possible, the lens, the sensor and the electronics have been optimally harmonized to one another. The 2/3"-CCD sensor is very large for its resolution of 5 million pixels. The unusually large size of the pixels makes high light sensitivity possible. Larger than normal individual pixels register more light and thus reduce errors. This combination of the high optical quality of the lens and the large sensor surface per pixel that make the extraordinary image quality possible.

A display with magnitude The large 2.5"-display on the LEICA DIGILUX 2 is trans-reflexive: The illumination of the display combines background illumination as well as ambient light, which leads to enhanced brilliance. Disturbing reflections that occur on the display surface under strong ambient light are greatly reduced. The image can be evaluated even when the display is viewed at an angle. The camera's display with its high resolution of 211,000 pixels provides a bright picture that is rich in contrast. A magnifier can be activated that shows an enlarged section of the subject for easier manual focusing.



A viewfinder with the highest resolution The electronic viewfinder renders a high contrast image with a high resolution of 235,000 pixels. The viewfinder image covers 100 % of the subject being photographed and all the indicators shown in the display are also available in the viewfinder. There is no viewfinder vignetting. The viewfinder image corresponds exactly to the coverage of the subject because there is no parallax shift. Stored images can also be viewed in the viewfinder – a distinct advantage in very bright sunlight. The electronic magnifier is also available in the viewfinder. Eyeglass wearers are also accommodated by means of diopter compensation and the large distance of the exit pupil of 15 mm.

Longevity is built in In the DIGILUX 2, the highest quality is maintained in all disciplines : Its special optical performance and the meticulous fabrication of high-grade materials at Leica make it a durable digital camera. One can see and feel it – on the solid metal body made of magnesium ; and one can also read it – in the 3-year guarantee. The styling of the camera is classic and timeless. These three points prove a usefulness that is far longer than that of conventional digital cameras.

Flash with an IQ The powerful built-in flash, with a guide number of 10 (meters) or 33 (feet), has a range of 4.5 m or 15 feet in the wide-angle setting, and 4.0 m or 13 feet in the telephoto setting. For the first time, the flash head can be tilted. That makes it possible, for example, to use the built-in flash for indirect flash by bouncing it off the ceiling. That results in smoothly balanced illumination without red eyes and with all the advantages of indirect flashlighting.





LEICA SF 24D Flash Unit for the LEICA DIGILUX 2 With the dedicated SF 24D Flash Unit, the camera fully automatically controls the amount of light emitted by the flash unit, just as it does with the built-in flash. Precisely exposed flash pictures with balanced illumination can be taken by means of the guide number control. The ‘SLOW’ mode, which can also be synchronized to the second shutter, expands the creative possibilities. Even with fill-in flash, the natural light mood is preserved by means of longer shutter speed. Furthermore, the external flash shoe provides a connection to SCA flash units.

Software for wide ranging possibilities The LEICA DIGILUX 2 has very useful software : For studio or lab photography, all functions can be controlled with a PC or a Mac by means of a USB connection. In addition, there is a preview window, a histogram and an interval setting, with which the number of images is limited only by the capacity of the hard disk of the computer that is being used.



A memory card is included The LEICA DIGILUX 2 is supplied with a 64 MB SD-Memory Card. Depending on the image quality that is selected, this memory card can store up to 484 pictures



Case Of course the leather case for the LEICA DIGILUX 2 camera too, is crafted with meticulous workmanship. The fine leather is tanned and dyed with pure vegetable solutions. The vegetable treatment of the leather gives the camera case its exquisite high-grade appearance. The roomy interior will also readily accommodate the Digilux 2 camera with an attached lens hood. Several built-in compartments conveniently hold accessories like a spare battery and a memory card.



Underwater Housing Those who wish to use their Digilux 2 while scuba diving can do so to a depth of 80 m or 260 feet by using the submarine housing made of solid lightweight metal. The large window allows the subject to be photographed to be evaluated without parallax on the camera’s display. All functions can also be controlled under water. For further information please contact www.hugyfot.de

The passion for photography already gripped California native David Alan Harvey when he was only ten years old. At age twelve he bought a Leica III f and later on he studied art and journalism. As a Magnum photographer he has published many color photographic essays from around the world in magazines such as National Geographic. His particular interest in the Spanish speaking world has led to two books : “Cuba” and “Divided Soul”. He conducts frequent seminars in which he describes how he observes and how he builds trusting relationships with the people he photographs. He used the LEICA DIGILUX 2 to record his impressions of San Miguel De Allende, Mexico.



Technical Data / Accessories



Camera	LEICA DIGILUX 2
File formats	RAW, JPEG (very low, low and normal compression/SUPER FINE, FINE, STANDARD), Motion-JPEG
Storage media	SD-Memory Card and MultiMedia-Card (the camera is supplied with a 64 MB SD-Memory Card)
Color display	Trans-reflexive 2.5" color display with 211,000 pixels
Viewfinder	Electronic viewfinder with 235,000 pixels and diopter compensation (± 4 diopter), suitable for eyeglass wearers
Image sensor	2/3" CCD sensor with 5.24 million total pixels and 5 million effective pixels, primary color filters
Sensitivity	ISO 100, 200, 400
Image sizes	2,560 x 1,920, 2,048 x 1,536, 1,600 x 1,200, 1,280 x 960, 640 x 480, 1,920 x 1,080 (HDTV), 320 x 240 for video sequences
Storage capacity on a 64 MB Memory Card	JPEG 15 to 484 images, RAW 5 images
Lens	LEICA DC VARIO-SUMMICRON 7–22.5 mm f/2.0–2.4 ASPH. zoom lens (corresponds to a 28–90 mm zoom lens for the 35 mm format), 13 lens elements in 10 groups
Nearest focusing distance	30 cm or 11 1⁄4 inches
Digital focal length extension	2x / 3x
Exposure	Exposure control Program (P) with program shift ; Aperture priority (A) ; Shutter priority (T) ; Manual control (m). Shutter speeds from 8 seconds to 1/2000 second. Exposure metering modes Multi-field, center-weighted or spot. Metering A gentle pressure on the shutter release button stores the metered distance and exposure settings. Exposure compensation ±2 EV in 1/3 steps ; Automatic exposure sequences (Bracketing) of 3 or 5 exposures in 1/3 EV, 2/3 EV or 1 EV steps
Exposure series	2.7 or 1.0 exposures per second; maximum: 3–137 exposures with low/normal data compression
Flash	Built-in flash with a guide number of 10 (metric) or 33 (feet) ; Range: 4.5 m or 15 feet with the wide-angle setting and 4 m or 13 feet with the telephoto setting (all at ISO 100) ; Flash functions Automatic flash activation, flash ON, flash OFF, pre-flash for red-eye reduction, SLOW (for long shutter speeds, SLOW with synchronization at the end of the exposure) ; Flash exposure compensation ± 2 EV in 1/3 EV steps ; External flash unit Accessory shoe with contacts for the control of an external flash unit type SCA 3502 Standard (such as the new LEICA SF 24D)
White balance	Automatic, manual setting, preset light conditions (daylight, overcast sky, incandescent light, flash) with fine adjustment capability (± 1500 K max.)
Connections	USB 2.0 (high speed), DC IN, AV output with PAL/NTSC options, remote release cable
Tripod socket	A 1/4 DIN 4503 (1/4")
Additional functions	Video recording (max. 6 minutes on a 64 MB-Memory Card) ; sound recording is possible for every picture (during and after the exposure) ; trick film mode ; connection for remote release cable ; the camera can be controlled remotely via the USB connection with LEICA USB Remote Control Software (supplied with the camera) ; focusing magnifier for more precise manual focusing ; multi-language menu (German, English, French, Italian, Spanish, Japanese, Chinese) ; black-and-white mode ; selftimer with a choice of 2 or 10 seconds delay time
Compatibility	ExiF-JPEG 2.2, EPSON Print Image System V2.5 (PIM), Digital Print Order Format V1.1 (DPOF), USB-Direct Print, USB 2.0 HighSpeed
Power supply	Lithium-Ion battery 1400 mAh, 7.2 V, or external electrical mains connector/battery charger (ACA-DC3) (supplied with the camera), charging time approximately 2 hours with the ACA-DC3 battery charger
Operating conditions	Temperature range : 0°–40°C or 32°–104°F ; relative humidity range : 10%–80%
Dimensions (W x H x D)	135 x 82 x 103 mm or 5 5⁄16 x 3 1⁄4 x 4 1⁄16 in)
Weight	Approximately 630/705 grams or 22/25 oz (with/without battery)
Supplied with	Electrical mains connector/battery charger ; Lithium-Ion battery 1400 mAh 7.2 V ; 64 MB SD-Memory Card ; lens cover ; lens hood with cover ; AV cable ; USB cable ; carrying strap ; Adobe Photoshop Elements 2.0 (Windows/Mac) ; ACDSee 6 PowerPack (Windows)/ACDSee 1.65 (Mac) ; LEICA USB Remote Control Software ; SilverFast 6 DCSE with Virtual Light Table ; Apple QuickTime 6 (Windows) ; USB driver for Windows 98SE
Accessories	
Cable Release	CR-DC1 Order No. 18 626
Lithium-Ion Battery	LEICA BP-DC1
Mains Connector/Battery Charger	(as a replacement) ACA-DC3 Order No. 18 607
Leather Case	Black, Order No. 18 627
E69 Filters	UVa Filter Order No. 18 630 , ND Filter 4x Order No. 18 631 , Circular Polarizing Filter Order No. 18 632
E72 Filter Holder	Order No. 18 634

“With a camera like this I set out and slip into this kaleidoscope of smells, sounds and light. I am an observer who is intensively curious, but not an equal. I do not find the pictures, the pictures find me. Sometimes many photographs leap out of the whirl of impressions, but often there are only a few.” David Alan Harvey