



# LEICA V-LUX 1

More performance, more flexibility, more quality



## “All-in-one” : The compact digital camera with the power of a single-lens reflex.

The V-Lux 1 combines top Leica picture quality and performance with the compact size and comfort of a sophisticated all-in-one-solution : Its first-class LEICA DC VARIO-ELMARIT lens offers an extremely wide focal length range of 35-420 mm. The 12 x optical zoom means that you are equipped for every photo situation – without dealing with changing lenses – from fine macro through high-impact wide-angle scenes to super-telephoto shots for nature observation. The CCD sensor with a resolution of 10 million pixels and optical image stabilization technology offers ideal features for brilliant razor-sharp images, even under difficult conditions. The fully swiveling 2.0" display also allows you to discover unusual perspectives and provides for precise image evaluation. Designed solely to cater for the requirements and creativity of the photographer, the LEICA V-LUX 1 offers fast, simple and intuitive operation. With this universal digital camera, photography in the compact class has never been so professional.

— **Everything to handy, everything under control** The LEICA V-LUX 1 takes an extremely good look at the world. From a distance, at very close range, at twilight – it doesn't miss a thing. There is perfect interaction throughout in this compact high-performance camera : the Leica Vario lens, the optical image stabilizer, the fast and accurate autofocus and the high-speed image signal processing. Handy and compact, the LEICA V-LUX 1 is the ideal companion when traveling, for nature observation or at cultural events.



Shown life-size

# LEICA V-LUX 1 The all-purpose camera in the compact digital class.



## — All-purpose lens

The LEICA DC VARIO-ELMARIT 7.4-88.8 mm f/2.8-3.7 ASPH lens brings qualities to digital photography for which Leica has been an authority in the analog world for years. It delivers top-quality pictures as well as offering maximum flexibility, from the wide-angle to the super-telephoto range. This makes the V-Lux 1 an all-purpose camera for universal usage.

## — Compact and powerful

As a true alternative to digital SLR equipment which is often cumbersome and costly, the compact V-Lux 1 leaves nothing to be desired : superb picture quality thanks to 12 x zoom lens and 10 megapixel picture resolution, combined with practicality and comfort.

## — Creativity photography

The LEICA V-LUX 1 is ready for use at all times, offering completely intuitive, fast and reliable operation, also manually. The focusing and zoom ring on the lens allows you to concentrate fully on the scene.





#### — Razor-sharp

The integrated image stabilizer (MEGA O.I.S.) prevents picture shake. Especially in the super-telephoto range, with interiors or at twilight hand-held shots will also be razor-sharp and precise without a tripod.

#### — Faster and more accurate

With the V-Lux 1 you will be ready for action at all times. The autofocus is very fast with extremely precise focusing. The data acquired are processed and stored by the new image signal processor in a flash. Capture those unique moments with spontaneous shots.



#### — Optimum view

Rise above the masses or spring a surprise with unusual perspectives ! The swiveling 2.0" TFT display offers amazing viewing angles. With 207,000 pixels and a high level of brilliance it gives you full control regarding perspective and framing your pictures. In extremely bright situations the high-resolution electronic viewfinder of the V-Lux 1 ensures precise adjustment of subject and focus.





**Excellent reproduction** For the V-Lux 1 virtually nothing is too far or too close for a sharply focused precise picture. Even at night or with poor visibility without a tripod.

**LEICA DC VARIO-ELMARIT 7.4-88.8 mm f/2.8-3.7 ASPH.** The lens used in the LEICA V-LUX 1 complies with the strict standards of Leica Camera AG for development and manufacture. Its lens system consists of 14 lens elements in 10 groups, including 3 aspherical lenses and an ED (extra-low dispersion) lens. The ED lens is manufactured from special optical glass to compensate for chromatic aberration. It prevents color fringing and loss of focus, resulting in clear sharp images. Leica stands for superb picture quality, and this lens system delivers truly breathtaking images with minimal distortion. The aspherical lenses further enhance the outstanding performance of the lens and are also a key factor for the remarkably compact dimensions of the camera.



**Integral flash** The LEICA V-LUX 1 is equipped with a built-in multifunctional flash which offers functions such as Auto, Auto/SlowSync or red-eye reduction. Manual adjustment of the flash power is possible in a range of  $\pm 2$  aperture stops. If wished, external TTL flash units can be used on the flash shoe of the LEICA V-LUX 1. Such versatility makes the V-Lux 1 a true “high-end” camera in the compact camera class.





**Simple handling** With the V-Lux 1 your hands will be in control as zoom and focusing are very natural. Your eyes will see images in a new way with the swiveling display.



**Swiveling display** The 2.0 inch LCD with its high resolution of 207,000 pixels can swivel through 180° both horizontally and vertically. This makes photography easier – even with a worm’s or bird’s eye view. The LEICA V-LUX 1 is also equipped with a high-resolution electronic viewfinder (235,000 pixels). The advantage this electronic viewfinder has over the optical viewfinder is that key functions such as white balance, depth of field and even a real-time histogram appear directly in the field of vision before taking the picture. Particularly with bright ambient light it is easy to see the image on the LCD without impairment.

**Intuitive handling with manual zoom and focusing** The LEICA V-LUX 1 is a digital compact camera with the creative options of a professional camera. The user enjoys a high level of mobility and flexibility without having to make compromises in terms of quality or performance. Thanks to the successful combination of practicality and picture quality the V-Lux 1 is a camera which represents a real alternative to digital SLR cameras, offering major benefits regarding mobility and price. For all its compact handy dimensions the LEICA V-LUX 1 fits into your hand perfectly and is characterized by intuitive, fast and reliable handling due to the traditional operating concept. The focusing and zoom ring on the lens simplifies handling, allowing you to concentrate fully on the scene.







**Always ready for action** A lightning response. In series. Thanks to high-speed image processing. Razor-sharp clear pictures. Even when in a rush. Such quality is assured by the integrated image stabilizer of the V-Lux 1.

**High-speed image processing** With its high-performance image signal processor the LEICA V-LUX 1 offers a very short shutter delay of just 9 milliseconds pre-focused and 0.8 seconds between 2 pictures. In combination with the short switch-on delay of some 0.7 seconds the V-Lux 1 provides for truly spontaneous shots. You will never miss the right moment again.



**Ideal for nature observation** With its magnification in the super-telephoto range the LEICA V-LUX 1 corresponds to the 10x magnification of binoculars, making it an ideal addition for nature observation. The binoculars offer a maximum level of detail and great comfort when observing nature for long periods while the V-Lux 1 delivers high-quality shots in the same range of magnification. Here the integrated image stabilization system is a major advantage.

**MEGA O.I.S. image stabilization** The LEICA V-LUX 1 is equipped with an integrated optical image stabilization system, which enhances the outstanding lens performance even further. It compensates for blur from shake, caused by the natural movement of the hand. Even very minor movements of the hand are detected with a scanning frequency of 4000 hertz. This means that the V-Lux 1 can also deliver razor-sharp images without a tripod in many situations.

**Noise reduction** The LEICA V-LUX 1 is equipped with a new integrated image processor so that pictures can be taken with a film speed of max. ISO 1600 with full resolution. The noise reduction system combats picture noise in several processing stages. In the first stage the critical noise is identified and separated into chrominance and luminance noise. The remaining noise is then minimized in a noise reduction process. Chromatic aberration is also reduced, producing brilliant results right into the corners of pictures.







**Accessories** An all-purpose camera like the V-Lux 1 can also cater for special requirements with special accessories. Not just for professionals.



**Cordura case** Depending on style and personality, the V-Lux 1 is always perfectly protected in the sporty-look Cordura case whatever the situation. **Order No. 18 666**



**Neoprene case** If you prefer a more low-key functional image, the new Neoprene case will do sterling service in protecting this valuable camera. **Order No. 18 665**



**Spare battery** Taking pictures uses up energy. Albeit very slowly and economically. To be on the safe side it is a good idea always having a spare lithium-ion battery if you are planning a long night or there is no end to your perfect day.

**AC adapter** To conserve the battery, you can work with the ACA-DC 5 power supply unit directly from the power plug.

**Miniature tripod** Compact, practical and stable. An indispensable aid with long exposure times. Including three folding legs and 1/4" tripod bushing. **Order No. 14 100**



**Large ball joint with tripod bushing** A 1/4, DIN 4503 (1/4"). **Order No. 14 110**



# Technical Data



<b>Camera</b>	LEICA V-LUX 1
<b>Image type/format</b>	1:1.8" CCD sensor with 10.4 million total pixels and 10.1 million effective pixels.
<b>Resolution</b>	<b>In 4:3 format</b> choice between 3648 x 2736 pixels, 2560 x 1920 pixels, 2048 x 1536 pixels or 1600 x 1200 pixels ; <b>In Leica 3:2 format</b> choice between 3600 x 2400 pixels, 3248 x 2160 pixels, 2560 x 1712 pixels or 2048 x 1360 pixels ; <b>In 16:9 format</b> choice between 3584 x 2016 pixels, 3072 x 1728 pixels or 1920 x 1080 pixels (corresponds to HDTV standard).
<b>Video recording</b>	<b>In 4:3 format</b> choice between 848 x 480 pixels 30 B/s, 10 B/s, 640 x 480 pixels 30 B/s, 10 B/s or 320 x 240 pixels 30 B/s, 10 B/s Limited only by memory card capacity, recording with audio.
<b>Data recording</b>	<b>File formats</b> Still : RAW, JPEG (Fine/Standard), Movie : QuickTime Motion JPEG.
<b>Storage media</b>	SD memory card (also SDHC cards) and multimedia card (512 MB SD card included in scope of supply).
<b>Sensitivity setting</b>	Choice between automatic or manual ISO 80, ISO 100, ISO 200, ISO 400, ISO 800, ISO 1600, ISO 3200 (in high-sensitivity mode).
<b>White balance</b>	Choice between automatic for daylight, cloudy skies, shadow, halogen light, flash as well as 2 manual settings, white balance fine tuning from -1500 to +1500 K in 150 K steps (also available with automatic setting).
<b>Lens</b>	LEICA DC VARIO-ELMARIT 7.4-88.8 mm f/2.8-3.7 ASPH. (equivalent to 35-420 millimeters for 35 mm format), 12 x optical zoom, focal length adjustment via zoom ring on lens.
<b>Aperture</b>	F 2.8 - F11.0 (WW), F 3.7 - F11.0 (tele)
<b>Digital zoom</b>	4 x
<b>Optical image stabilizer</b>	Two operating modes : either only for picture-taking or for both monitor and picture-taking.
<b>Distance adjustment range</b>	Choice between normal : 0.5 m (with WW)/2 m (with tele) to infinity, or macro : 0.05 m (with WW)/0.3 m (with tele) to infinity.
<b>Focus setting</b>	Choice between autofocus (either entire focusing area or for macro), or manual, setting can be saved. AF operating modes / measuring field Choice between 9 areas (entire picture field), fast AF with 3 areas (middle transverse) or with 1 middle area, 1 area, or spot.
<b>Exposure</b>	<b>Metering</b> Choice between multiple field measurement, emphasis on middle integral measurement, spot measurement, setting can be saved ; <b>Exposure modes</b> Choice between program automatic, aperture automatic, automatic mode (time) and manual setting ; <b>Exposure compensation</b> ±2 EV in stages, settings from 1/3 EV.
<b>Shutter speed range</b>	With full automatic : 1 s - 1/2000 s, with program automatic : 1 s - 1/2000 s, with aperture and automatic mode (time) : 8 s - 1/2000 s, with manual setting : 60 s - 1/2000 s.



<b>Flash</b>	<b>Flash modes</b> Choice between automatic ON with or without preflash (red-eye reduction), manual ON (fill-in flash) with or without preflash, SLOW sync for longer shutter speeds (with preflash), flash OFF ; <b>Range wide</b> (sensitivity to Auto) : 0.3 – 7 m (with WW), 0.3 – 5.3 m (with tele). Flash shoe for external flash units ; <b>Flash output adjustment</b> $\pm 2$ EV in stages, settings from 3 EV.
<b>Motif programs</b>	Portraits, sport, night scenes, night portraits, fireworks, parties, snow, self-portraits, food, high-sensitivity mode, Baby 1, Baby 2, soft skin, candlelight, starry skies, landscapes.
<b>Color effects</b>	Choice between cool, warm, B/W or sepia.
<b>Monitor/EVF</b>	Swiveling 2.0" TFT color display with 207,000 pixels, electronic viewfinder with 235,000 pixels.
<b>Automatic timer</b>	Either 2 s or 10 s self-timer.
<b>Connections</b>	USB 2.0 full speed, DC in (power supply) and AV out.
<b>Picture characteristics</b>	Contrast, color saturation, sharpness and noise reduction are adjustable.
<b>Printer compatibility</b>	PictBridge, DPOF
<b>Power supply</b>	Lithium-ion rechargeable battery (710 mAh ; 7.2 V) or optional power supply unit/charger.
<b>Dimensions (W x H x D)</b>	141 mm x 85 mm x 142 mm (5.5 x 3.3 x 5.6 inch)
<b>Weight</b>	668 g/734 g (23.6/25.9 oz) without/with battery, memory card and lens cap.
<b>Scope of supply</b>	Camera with lens cap, carrying strap, lens hood, 512 MB SD card, charger, lithium-ion rechargeable battery, A/V cable, USB cable, extensive software package (Adobe Photoshop Elements 4.0 (PC)/3.0 (Mac), Quicktime Movie Player).



my point of view

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