



LEICA V-LUX 1

Technical Data



Camera	LEICA V-LUX 1
Image type/format	1:1.8" CCD sensor with 10.4 million total pixels and 10.1 million effective pixels.
Resolution	In 4:3 format choice between 3648 x 2736 pixels, 2560 x 1920 pixels, 2048 x 1536 pixels or 1600 x 1200 pixels ; In Leica 3:2 format choice between 3600 x 2400 pixels, 3248 x 2160 pixels, 2560 x 1712 pixels or 2048 x 1360 pixels ; In 16:9 format choice between 3584 x 2016 pixels, 3072 x 1728 pixels or 1920 x 1080 pixels (corresponds to HDTV standard).
Video recording	In 4:3 format 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.
Data recording	File formats Still : RAW, JPEG (Fine/Standard), Movie : QuickTime Motion JPEG.
Storage media	SD memory card (also SDHC cards) and multimedia card (64 MB SD card included in scope of supply).
Sensitivity setting	Choice between automatic or manual ISO 80, ISO 100, ISO 200, ISO 400, ISO 800, ISO 1600, ISO 3200 (in high-sensitivity mode).
White balance	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).
Lens	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.
Aperture	F 2.8 – F11.0 (WW), F 3.7 – F11.0 (tele)
Digital zoom	4 x
Optical image stabilizer	Two operating modes : either only for picture-taking or for both monitor and picture-taking.
Distance adjustment range	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.
Focus setting	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.
Exposure	Metering Choice between multiple field measurement, emphasis on middle integral measurement, spot measurement, setting can be saved ; Exposure modes Choice between program automatic, aperture automatic, automatic mode (time) and manual setting ; Exposure compensation ±2 EV in stages, settings from 1/2 EV.
Shutter speed range	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.
Flash	Flash modes 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 ; Range wide (sensitivity to Auto) : 0.3 – 7 m (with WW), 0.3 – 5.3 m (with tele). Flash shoe for external flash units ; Flash output adjustment ±2 EV in stages, settings from 1/2 EV.
Motif programs	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.
Color effects	Choice between cool, warm, B/W or sepia.
Monitor/EVF	Swiveling 2.0" TFT color display with 207,000 pixels, electronic viewfinder with 235,000 pixels.
Automatic timer	Either 2 s or 10 s self-timer.
Connections	USB 2.0 full speed, DC in (power supply) and AV out.
Picture characteristics	Contrast, color saturation, sharpness and noise reduction are adjustable.
Printer compatibility	PictBridge, DPOF
Power supply	Lithium-ion rechargeable battery (710 mAh ; 7.2 V) or optional power supply unit/charger.
Dimensions (WxHxD)	141 mm x 85 mm x 142 mm (5.5 x 3.3 x 5.6 inch)
Weight	668 g/734 g (23.6/25.9 oz) without/with battery, memory card and lens cap.
Scope of supply	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).
Accessories	
Camera cases	Neoprene case Order No. 18665 , Cordura case Order No. 18666
Spare battery	Lithium-Ion-Battery
Miniature tripod	(tripod bushing A 1/4) Order No. 14100
Large ball joint	(for tripod bushing A 1/4) Order No. 14110
AC adapter	Direct mains connector ACA-DC5 with power cord