LEICA V-LUX 30

Technical data.

Product	**Leica V-Lux 30**
Order no.	18162 (E version), 18163 (U version), 18164 (TK version).
Lens	Leica DC Vario-Elmar 4.3-68.8 mm f/3.3-5.9 ASPH. (corresponds to 24-384 mm, 35 mm equivalent focal lengths), 12 elements 10 groups; aspherical lenses: 6 surfaces in 3 elements.
Optical Image Stabilisation	Yes.
Zoom	
Optical/digital	16 x/4 x.
Focusing	
Modes	Normal/macro, continuous focusing (on/off).
Metering modes	Face Detection, AF tracking, multi-zone, 1 point, Spot, Touch field.
Focusing range	
P/A/S/M	50 cm (19.7 in) (wide-angle)/2 m (79 in) (tele) – ∞.
Macro/intelligent/ auto/movie	3 cm (1.2 in) (wide-angle)/1 m (39.3 in) (tele) – ∞.
Sensor	1/2.33" CMOS with 15.1 MP (effective 14.1 MP).
Resolution/recording file format	
Still pictures	16:9 format: 4320 x 2432 pixels, 3648 x 2056 pixels, 3072 x 1728 pixels, 2560 x 1440 pixels, 1920 x 1080 pixels, 640 x 360 pixels. 3:2 format: 4320 x 2880 pixels, 3648 x 2432 pixels, 3072 x 2048 pixels, 2560 x 1712 pixels, 2048 x 1360 pixels, 640 x 424 pixels. 4:3 format: 4320 x 3240 pixels, 3648 x 2736 pixels, 3072 x 2304 pixels, 2560 x 1920 pixels, 2048 x 1536 pixels, 640 x 480 pixels. 1:1 format: 3232 x 3232 pixels, 2736 x 2736 pixels, 2304 x 2304 pixels, 1920 x 1920 pixels, 1536 x 1536 pixels, 480 x 480 pixels.
Movies	16:9 format AVCHD: 1080i: 1920 x 1080 pixels (max. 60 min. per clip), 720p: 1280 x 720 pixels (max. 60 min. per clip). Motion JPEG: 16:9 format: 1280 x 720 pixels (max. 30 min. per clip), 4:3 format: 640 x 480 pixels, 320 x 240 pixels (max. 30 min. per clip).
3D photo function	16:9 format: 1920 x 1080 (MPO format).
Exposure control	
Exposure modes	Program mode (P), Aperture priority (A), Shutter speed priority (S), Manual setting (M).
Exposure compensation	Increments: 1/3 EV steps, setting range: ±2 EV.
Scene modes	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Panorama Assist, Sports, Night Portrait, Night Scenery, Handheld Night Shot, Food, Party, Candlelight, Baby 1, Baby 2, Pet, Sunset, High Sensitivity, High-Speed Burst, Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial Photo, Pin Hole, Film Grain, Photo Frame, High-Speed Movie.
Metering modes	Multi-zone, Center-weighted, Spot.
White balance	Auto, Daylight, Cloudy, Shade, Halogen, Manual setting.
Sensitivity	Auto/i.ISO 100, 200, 400, 800, 1600.

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Shutter speeds	60 s-1/4000 s (Starry Sky mode: 15 s, 30 s, 60 s).
Continuous shooting mode	Burst frequency: max. number of pictures/max. resolution 2 p/s: 100/14 MP, 5 p/s: 100/14 MP, 10 p/s: 15/14 MP, 40 p/s: 50/5 MP, 60 p/s: 60/3.5 MP.
Flash	
Modes	Auto, Auto with pre-flash (to reduce red-eye effect), Auto with slower shutter speeds and pre-flash, On, Off.
Range	60 cm–5.0 m (W/ISO Auto), 1.0–2.8 m (Tele/ISO Auto).
Self-timer	2/10 s delay.
Monitor	3.0" TFT LCD, approx. 460,800 pixels, Touch screen functionality.
Microphone/speaker	Stereo / Mono.
Recording media	
Internal memory	Approx. 18 MB.
Memory cards	SD: 8 MB–2 GB, SDHC: 4 GB–32 GB, SDXC: 48 GB–64 GB.
Interfaces	
HDMI	Mini-HDMI cable (type C).
AV OUT/DIGITAL	Digital: USB 2.0 (High-Speed).
Dedicated jack (8-pin)	Analogue video/audio: NTSC/PAL Composite (switchable in menu), Audio-line out (mono).
GPS	Geodetic Data System: WGS84.
Database	1 million Points of Interest.
Operating temperature/ humidity	0–40 °C (32–104 °F)/10–80%.
Battery (lithium-ion)	BP-DC 7.
Voltage/capacity	3.6 V/895 mAh (260 pictures according to CIPA standards).
Dimensions (W x H x D)	104.9 x 57.6 x 33.4 mm (4.13 x 2.27 x 1.31 in).
Weight	219 g (7.72 oz) with memory card and battery.
PictBridge	Yes.
Scope of delivery	Camera, battery charger (Leica BC-DC 7), lithium-ion battery (Leica BP-DC 7), carrying strap, AV cable, USB cable, Software DVDs, CD with long instructions (PDF), printed short instruction manuals, touch pen.
Software	Adobe® Photoshop® Elements 9, Adobe® Premiere® Elements 9.

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