



LEICA D-LUX 6

Technical data.



Product	Leica D-Lux 6
Order no.	18 460 (E-version), 18 461 (U-version), 18 462 (TK-version).
Lens	Leica DC Vario-Summilux 4.7 – 17.7mm f/1.4 – 2.3 ASPH. (corresponds to 24 – 90 mm, 35 mm equivalent focal length range), 11 elements in 10 groups, aspherical lenses: 9 surfaces in 5 elements.
Zoom	
Optical/digital	3.8 ×/4 ×.
Focusing	
Modes	Normal/Macro.
Metering modes	Face detection, AF tracking, 23 field, 1 field (flexible/scalable).
Focusing range	
P/A/S/M	50 cm – ∞ (20 in).
Macro/intelligent/ auto/movie	1 cm (wide angle)/30 cm (tele) – ∞ (0.4/11.8 in).
Sensor	1 / 1.7" CMOS with 12.7 MP (effective 10.1 MP).
Resolution	
Still pictures	4:3 format: 3648 × 2736 pixels (10 MP), 3072 × 2304 pixels (7 MP), 2560 × 1920 pixels (5 MP), 2048 × 1536 pixels (3.1 MP), 1600 × 1200 pixels (1.9 MP), 640 × 480 pixels (0.3 MP). 3:2 format: 3776 × 2520 pixels (9.5 MP), 3168 × 2112 pixels (6.7 MP), 2656 × 1768 pixels (4.7 MP), 2112 × 1408 pixels (3 MP), 2048 × 1360 pixels (2.8 MP), 640 × 424 pixels (0.3 MP). 16:9 format: 3968 × 2232 pixels (8.9 MP), 3228 × 1872 pixels (6 MP), 2784 × 1588 pixels (4.4 MP), 2208 × 1248 pixels (2.8 MP), 1920 × 1080 pixels (2.1 MP), 640 × 360 pixels (0.2 MP). 1:1 format: 2736 × 2736 pixels (7.5 MP), 2304 × 2304 pixels (5.3 MP), 1920 × 1920 pixels (3.7 MP), 1536 × 1536 pixels (2.4 MP), 480 × 480 pixels (0.2 MP).
Movies	16:9 format AVCHD: 60p: 1920 × 1080 pixels, 60 fps, 60i: 1920 × 1080 pixels, 60 fps, 60p: 1280 × 720 pixels, 60 fps. MP4: 16:9 format: 1920 × 1080 pixels, 1280 × 720 pixels, 4:3 format: 640 × 480 pixels.
3D	16:9 format: 1920 × 1080 pixels (MPO format).
Recording file format	
Still pictures	JPEG (fine/standard) (DCF/Exif 2.3), RAW+fine, RAW+standard.
Movies	AVCHD/MP4.
Movie recording time	Max. 29 min. per clip (only E-version).
Exposure control	
Exposure modes	Program mode (P), Aperture priority (A), Shutter speed priority (S), Manual setting (M), Intelligent-Auto.
Exposure compensation	Increments: 1/3 EV steps, setting range: ± 3 EV.
Scene modes	Portrait, Soft skin, Scenery, Panorama shot, Sports, Night portrait, Night scenery, Food, HDR, Baby 1, Baby 2, Pet, Sunset, High sens., 3D Photo, Glass through, Handheld night shot.
Metering modes	Intelligent multiple, Center-weighted, Spot.

White balance	Auto, Daylight, Cloudy, Shade, Incandescent, Flash, Color temperature, Manual setting.
Sensitivity	Auto/i. ISO/80, 100, 200, 400, 800, 1600, 3200, 6400, 12,800* (*by pixel mixed readout).
Shutter speeds	250 s – 1 / 4000 s, f/1.4 – 8.0 (wide angle), f/2.3 – 8.0 (tele), ND-filter (3 steps).
Continuous shooting	(burst frequency: max. number of pictures/max. resolution) 2 fps: 100/10 MP, 5 fps: 100/10 MP, 11 fps: 12/10 MP, 40 fps: 40/5 MP, 60 fps: 60/2.5 MP.
Flash	
Modes	AUTO, AUTO with pre-flash (to reduce red-eye effect), AUTO with slower shutter speeds and pre-flash, On, Off.
Range	80 cm – 8.5 m (W/ISO auto), 0.3 – 5.2 m (Tele/ISO auto).
Selftimer	2/10 s delay.
Monitor	3.0" TFT-LCD, ca. 920,000 pixels, AR coating.
Microphone/ Speaker	Stereo/mono.
Recording media	
Internal memory	Approx. 70 MB.
Memory cards	SD: 8 MB – 2GB, SDHC: 4 GB – 32 GB, SDXC: 48 GB – 64 GB.
Interfaces	Digital: USB, Mini-HDMI cable (Type C), Analogue video/audio: NTSC, dedicated jack (8-pin).
Printer compatibility	PictBridge.
Operating temperature/ humidity	0 – 40° C / 10 – 80 %.
Battery (lithium-ion)	
Voltage/capacity	3.6 V / 1.250 mAh (330 pictures according to CIPA standards).
Dimensions (W×H×D)	110.5 × 67.1 × 46.6 mm (4.35 × 2.64 × 1.84 in).
Weight	296 g (10.44 oz) with memory card and battery.
Scope of delivery	Camera with lens cap, battery charger (Leica BC-DC 10), battery (Leica BP-DC 10), hot shoe cover, AV cable, USB cable, shoulder strap, CD with long instructions (PDF).
Software	Adobe® Photoshop® Lightroom® 4.