



LEICA D-LUX 7

Technical data.



Camera	Leica D-Lux 7
Order no.	19115 (E-Version), 19116 (U-Version), 19117 (TK-Version), 19118 (IN-Version)
Lens	Leica DC Vario-Summilux 10.9-34 f/1.7-2.8 ASPH., 35mm camera equivalent: 24 - 75mm, aperture range: 1.7 - 16 / 2.8 - 16 (at 10.9 / 34mm)
Optical image stabilization	Optical compensation system
Digital zoom	Max. 4x
Focusing range	
AF	0.5m / 1'6" to ∞
AF Macro / MF / Snapshot Modes / Motion Pictures	Maximum wideangle setting: 3cm / 1 ³ / ₁₆ " to ∞ Maximum telephoto setting: 30cm / 11 ⁷ / ₈ " to ∞
Image sensor	4/3" MOS sensor, total pixel number: 21,770,000, effective pixels: 17,000,000, primary color filter
Minimum illuminance	approx. 5lx (when i-Low light is used, the shutter speed is 1/30 s)
Shutter system	Electronically and mechanically controlled
Shutter speeds	
Still pictures	T (max. approx. 30min), 60 - 1/4000 s (with the mechanical shutter) 1 - 1/16000 s (with the electronic shutter function)
Motion pictures	1/25 - 1/16000 s (When [4K/100M/24p] is set in [Rec Quality]) 1/2 - 1/16000 s (When Manual Exposure Mode is set and [MF] is selected) 1/30 - 1/16000 s (Other than the above) Continuous recordable time: - When the resolution for [Rec Quality] is set to [FHD]: 29 minutes - When the resolution for [Rec Quality] is set to [4K]: 15 minutes
Series exposure	
Continuous series exposure frequency	Electronic / mechanical shutter: 2fps (L) / 7fps (M) / 11fps (H)
Number of serially recordable pictures	With RAW files: 32 or more* Without RAW files: 100 or more* * Based on CIPA standards and a card with a fast read/write speed
Exposure	
Exposure control modes	Program (P), Aperture-priority (A), Shutter-priority (S), Manual setting (M)
Exposure compensation	±5EV in 1/3 EV steps (±3EV dial setting range)
Exposure metering modes	Multi-zone, center-weighted, spot
Recording file formats	
Still pictures	RAW/JPEG (based on "Design rule for Camera File system" and on the "Exif 2.31" standard)

Motion pictures (with audio)	[MP4] 3840a2160/30p (100 Mbit/s) 3840a2160/24p (100 Mbit/s) 1920a1080/60p (28 Mbit/s) 1920a1080/30p (20 Mbit/s) 1280a720/30p (10 Mbit/s)
Audio recording format	AAC (stereo)
Monitor	3.0" TFT LCD, resolution: approx. 1,240,000 dots, field of view: approx. 100%, aspect ratio: 3:2, touch screen functionality
Viewfinder	0.38" LCD viewfinder, resolution: approx. 2,760,000 dots, field of view: approx. 100%, aspect ratio: 16:9, with diopter adjustment -4 to +3 diopters, Magnification: approx. 0.7x (35mm camera equivalent), eye sensor
Flash CF D	External flash unit (included in scope of delivery)
Attachment	In the camera's hot shoe
Guide number	10 / 7 (with ISO 200 / 100)
Flash range (with ISO AUTO and no ISO limit set)	Approx. 0.6 - 14.1m/2 - 46' / 0.3 - 8.5m/1 - 27' (at shortest / longest focal length)
Illumination angle	Matched to cover the lens' shortest focal length of 10.9mm
Flash modes (set on camera)	AUTO, AUTO/Red-Eye Reduction, ON, ON/Red-Eye Reduction, Slow Sync., Slow Sync./Red-Eye Reduction, OFF
Dimensions (W x H x D)	Approx. 31 x 41.5 x 30mm / 1 ⁷ / ₃₂ x 1 ⁵ / ₁₆ x 1 ¹¹ / ₆₄ "
Weight	Approx. 25g / 0.05lb
Microphones	Stereo
Speaker	Monaural
Recording media	SD / SDHC* / SDXC* memory cards, (*UHS-I/UHS Speed Class 3)
Wi-Fi	
Compliance standard	IEEE 802.11b/g/n (standard wireless LAN protocol)
Frequency range used (central frequency)	2412- 2462MHz (1 to 11ch), maximum output power: 13dBm (EIRP)
Encryption method	Wi-Fi compliant WPA™ / WPA2™
Access method	Infrastructure mode
Bluetooth function	
Compliance standard	Bluetooth Ver. 4.2 (Bluetooth low energy (BLE))
Frequency range used (central frequency)	2402 to 2480MHz, maximum output power: 10dBm (EIRP)
Operating temperature/humidity	0 - 40°C (32 - 104°F) / 10 - 80% RH
Power Consumption	2.1W/2.8W (When recording with monitor/viewfinder) 1.7W/1.9W (When playing back with monitor/viewfinder)
Terminals / Interfaces	[HDMI]: Micro HDMI Type D [USB/CHARGE]: USB 2.0 (High Speed) Micro-B
Dimensions (W x H x D)	approx. 118 x 66 x 64mm / 4 ²¹ / ₃₂ x 2 ⁴¹ / ₆₄ x 2 ⁹ / ₁₆ "
Weight	approx. ca. 403g / 14,2 oz / 361g / 12,7 oz