



## Press Information

### **Leica D-Lux 7: compact size meets high performance.**

**Wetzlar, 20 November 2018.** Leica Camera AG presents a new model in the Leica D-Lux line. The high-performance compact camera features a fast Leica DC Vario-Summilux 10.9–34 mm f/1.7–2.8 ASPH. zoom lens (equivalent to 24–75 mm in 35 mm format) that, in combination with the camera's new, higher-resolution four-thirds sensor, delivers outstanding picture quality in all shooting situations. A performance profile extended by numerous new functions and features such as a touchscreen display, Bluetooth connectivity and USB charging capability makes the new Leica D-Lux 7 an ideal everyday companion and an extremely versatile camera that offers a maximum of photographic freedom for capturing unique moments in impressive picture quality.

The familiar comprehensive features package of the Leica D-Lux line, with automatic exposure mode, manual setting options and a range of video functions, is ideally complemented by an integrated, 2.8-megapixel high-resolution electronic viewfinder, a WiFi module and Bluetooth connectivity. On the back of the Leica D-Lux 7, a 1.24-megapixel 3" LCD touchscreen display not only makes the assessment of pictures much easier, but also allows fingertip control of the camera. For example, in addition to menu control, the focusing point can be set with a simple tap on the screen and pictures can be taken without having to touch any of its other controls.

The Leica DC Vario-Summilux 10.9–34 mm f/1.7–2.8 ASPH. zoom lens of the Leica D-Lux 7 (equivalent to 24–75 mm in 35 mm format) is perfectly matched to the camera's new sensor. The fast initial aperture and the range of focal length make the camera particularly versatile in every situation – from portraits and landscapes to architecture, macro close-ups and street photography. With its 17-megapixel resolution and a maximum ISO sensitivity of 25600, the four-thirds sensor of the Leica D-Lux 7 is also ideal for capturing

memorable moments in low ambient light in highest-quality pictures with natural colours and fine rendition of details.

Improvements to the camera's hardware also include various additions to its range of functions. For example, the focus point of an exposures can be changed after shooting, or several exposures with different focus points can be superimposed on each other and merged with the aid of Focus Stacking, for instance to create a greater depth of focus in macro exposures. The camera's capabilities have also been expanded to include video recording in 4K resolution – at a frame rate of up to 30 frames per second and 100 Mbit and in MP4 and AVCHD-format.

The Leica D-Lux 7 is the first camera of the D-Lux line that can be used together with the free Leica FOTOS App. This enables remote control of the camera from a smartphone and fast and easy wireless transfer of pictures from the Leica D-Lux 7 to iOS or Android devices for assessment. Photographers can then make use of numerous options for sharing their pictures directly in social media or after processing them with an image editing or postprocessing app.

As perfect complements to the classic looks of the Leica D-Lux 7, its users can choose from a collection of equally stylish and practical accessories such as exquisite cases, high-quality carrying straps and a practical handgrip.



# LEICA D-LUX 7

## Technical data.



<b>Camera</b>	<b>Leica D-Lux 7</b>
<b>Order no.</b>	19115 (E-Version), 19116 (U-Version), 19117 (TK-Version), 19118 (IN-Version)
<b>Lens</b>	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)
<b>Optical image stabilization</b>	Optical compensation system
<b>Digital zoom</b>	Max. 4x
<b>Focusing range</b>	
AF	0.5m / 1'6" to ∞
AF Macro / MF / Snapshot Modes / Motion Pictures	Maximum wideangle setting: 3cm / 1 <sup>3</sup> / <sub>16</sub> " to ∞ Maximum telephoto setting: 30cm / 11 <sup>7</sup> / <sub>8</sub> " to ∞
<b>Image sensor</b>	4/3" MOS sensor, total pixel number: 21,770,000, effective pixels: 17,000,000, primary color filter
<b>Minimum illuminance</b>	approx. 5lx (when i-Low light is used, the shutter speed is 1/30 s)
<b>Shutter system</b>	Electronically and mechanically controlled
<b>Shutter speeds</b>	
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
<b>Series exposure</b>	
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
<b>Exposure</b>	
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
<b>Recording file formats</b>	
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)
<b>Monitor</b>	3.0" TFT LCD, resolution: approx. 1,240,000 dots, field of view: approx. 100%, aspect ratio: 3:2, touch screen functionality
<b>Viewfinder</b>	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
<b>Flash CF D</b>	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 <sup>7</sup> / <sub>32</sub> x 1 <sup>5</sup> / <sub>16</sub> x 1 <sup>11</sup> / <sub>64</sub> "
Weight	Approx. 25g / 0.05lb
<b>Microphones</b>	Stereo
<b>Speaker</b>	Monaural
<b>Recording media</b>	SD / SDHC* / SDXC* memory cards, (*UHS-I/UHS Speed Class 3)
<b>Wi-Fi</b>	
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
<b>Bluetooth function</b>	
Compliance standard	Bluetooth Ver. 4.2 (Bluetooth low energy (BLE))
Frequency range used (central frequency)	2402 to 2480MHz, maximum output power: 10dBm (EIRP)
<b>Operating temperature/humidity</b>	0 - 40°C (32 - 104°F) / 10 - 80% RH
<b>Power Consumption</b>	2.1W/2.8W (When recording with monitor/viewfinder) 1.7W/1.9W (When playing back with monitor/viewfinder)
<b>Terminals / Interfaces</b>	[HDMI]: Micro HDMI Type D [USB/CHARGE]: USB 2.0 (High Speed) Micro-B
<b>Dimensions (W x H x D)</b>	approx. 118 x 66 x 64mm / 4 <sup>21</sup> / <sub>32</sub> x 2 <sup>41</sup> / <sub>64</sub> x 2 <sup>9</sup> / <sub>16</sub> "
<b>Weight</b>	approx. 403g/14,2 oz / 361g/12,7 oz