



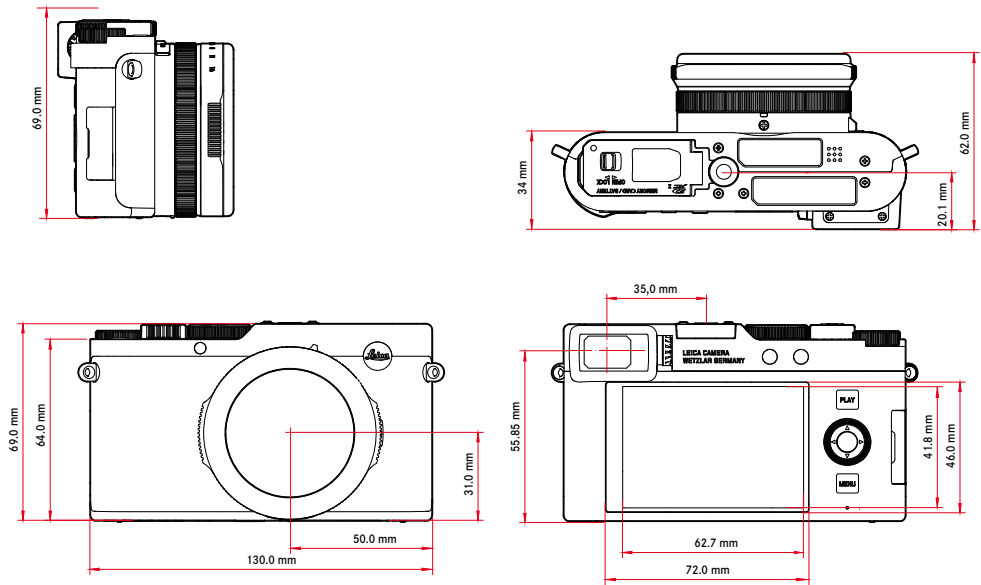
LEICA D-LUX 8

Technical Data.



Designation	Leica D-Lux 8																
Camera type	Digital Micro Four Thirds compact camera																
Type No.	3952A																
Order No.	19191																
Buffer memory	DNG™: 14 or higher*, JPG: 100 or higher*																
	<table><tr><th></th><th>DNG</th><th>DNG + JPG</th><th>JPG</th></tr><tr><td>11fps</td><td>12</td><td>12</td><td>100</td></tr><tr><td>7fps</td><td>13</td><td>13</td><td>100</td></tr><tr><td>2fps</td><td>23</td><td>14</td><td>100</td></tr></table>		DNG	DNG + JPG	JPG	11fps	12	12	100	7fps	13	13	100	2fps	23	14	100
	DNG	DNG + JPG	JPG														
11fps	12	12	100														
7fps	13	13	100														
2fps	23	14	100														
	*Based on CIPA standards and a memory card with high read/write speed. Capacity, depending on frame rate and picture format, estimated quantity (number of possible images in the buffer memory)																
Storage medium	UHS-II (recommended), UHS-I, SD/SDHC/SDXC memory card																
Material	Full metal housing: magnesium die-cast, leatherette covering																
Operating conditions	0°C to +40°C																
Interfaces	ISO accessory shoe with additional control contacts for Leica flash units, HDMI jack Type D, USB 3.1 Gen I Type C																
Tripod thread	A 1/4 DIN 4503 (1/4") with stainless steel in the base																

Dimensions



Weight	Approx. 397 g/357 g (with/without battery)
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LEICA D-LUX 8

Sensor

Sensor size 4/3" CMOS sensor, 21,77 MP/17 MP (total/effective)

Filter RGB color filter, UV/IR filter

File formats Photo: DNG™ (raw data), DNG + JPG, JPG (DCF 2.0, Exif 2.31)
Video: MP4, H.264, AAC stereo

Image resolution

	Aspect ratio	RESOLUTION		Aspect ratio	RESOLUTION
DNG™	16:9	5152 x 2904 (15 MP)	M-JPG	16:9	3840 x 2160 (8.3 MP)
	3:2	4928 x 3288 (16.2 MP)		3:2	3504 x 2336 (8.2 MP)
	4:3	4736 x 3552 (16.8 MP)		4:3	3360 x 2520 (8.5 MP)
	1:1	3552 x 3552 (12.6 MP)		1:1	2528 x 2528 (6.4 MP)
L-JPG	16:9	5152 x 2904 (15 MP)	S-JPG	16:9	1920 x 1080 (2.1 MP)
	3:2	4928 x 3288 (16.2 MP)		3:2	2496 x 1664 (4.2 MP)
	4:3	4736 x 3552 (16.8 MP)		4:3	2368 x 1776 (4.2 MP)
	1:1	3552 x 3552 (12.6 MP)		1:1	1776 x 1776 (3.2 MP)

File size DNG™: approx. 31 MB, depending on resolution and image content
JPG: depending on resolution and image content
Video: max. length: 29 min

Color depth DNG™: 12 bit
JPG: 8 bit

Color space Photo: sRGB

Video Resolution

	RESOLUTION
4K	3840 x 2160
Full HD	1920 x 1080
HD	1280 x 720

Video frame rate/bit rate

4K 30 p	29.97 fps	4K 4:2:0 / 8 bit	h.264	L-GOP	100 Mbps
4K 24 p	23.98 fps	4K 4:2:0 / 8 bit	h.264	L-GOP	100 Mbps
FHD 60 p	59.94 fps	FHD 4:2:0 / 8 Bit	h.264	L-GOP	28 Mbps
FHD 30 p	29.97 fps	FHD 4:2:0 / 8 Bit	h.264	L-GOP	20 Mbps
HD 30 p	29.97 fps	HD 4:2:0 / 8 Bit	h.264	L-GOP	10 Mbps

Lens

Designation Leica DC Vario-Summilux 1:1.7–2.8/10.9–34 ASPH., 35 mm equivalent: 24–75 mm, aperture range: 1.7–16/2.8–16 (at 10.9/34 mm)

Lens filter thread E43

Image stabilization Visual compensation system for photos and video recordings

Aperture range Depending on zoom level, F1.7 to F16 in 1/3 EV increments (wide angle) F1.7 to F16; (tele zoom) F2.8 to F16 in 1/3 EV increments

Viewfinder/LCD panel

Viewfinder (EVF) OLED, Resolution: 2,360,000 dots, 60 fps, magnification: 0.74x, at aspect ratio: 4:3, exit pupil position: 20 mm, setting range -4/+4 dpt, with eye sensor for automatic switchover between viewfinder and LCD panel, time delay 0.005 s

LCD panel 3" TFT LCD, approx. 1,843,200 dots, 384 ppi, aspect ratio 3:2, touch panel

Shutter

Shutter type Mechanical central shutter or optional electronic shutter

Shutter speeds Mechanical shutter: 60 s to 1/4000 s
Electronic shutter function: 1 s to 1/16000 s

Shutter button Two-stage
(1st stage: Activation of the camera electronics including autofocus and exposure metering, 2nd stage: Taking the picture)

Self-timer Delay time: 2 s or 12 s



LEICA D-LUX 8

Drive Mode

Single, Interval Shooting, Exposure Bracketing

Continuous shooting:

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Continuous Shooting - 2 fps, 12 bit, AF, Continuous Shooting - 7 fps, 10 bit, Continuous Shooting - 11 fps, 10 bit

Focusing

Focus range

50 cm to ∞

With macro setting: from 3 cm (wide angle), from 30 cm (tele zoom)

Focus mode

Automatic, Automatic (macro), or Manual

Autofocus system

Contrast detection

Autofocus modes

Intelligent AF (autonomously selects AFs and AFc), AFs, AFc

Autofocus metering methods

Spot (can be shifted), Field (can be shifted and scaled), Multi-Field, Zone (can be shifted), Eye / Face, Tracking

Autofocus metering fields

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Exposure

Exposure metering

TTL (exposure metering through the lens), with working aperture

Metering principle

Exposure metering is done by the image sensor for all exposure metering methods

Exposure metering methods

Spot, Center-Weighted, Multi-Field

Exposure modes

Program AE mode (P)
Aperture-priority mode (A): manual aperture setting
Shutter-priority mode (S): manual shutter-speed setting
Manual (M): manual setting for shutter speed and aperture
Various fully automatic variants (Scene Mode):
Auto, Portrait, Landscape, Night Scenery, Miniature Effect, One Point Color, HDR

Exposure compensation

±3 EV in 1/3 EV increments

Automatic bracketing

3, 5 or 7 frames, graduations between shoots up to 1 EV, in 1/3 EV increments
additional optional exposure compensation: up to ±3 EV

ISO sensitivity range

	Photo	Video
Auto ISO	ISO 100–ISO 25 000	ISO 100–ISO 6 400
Manual	ISO 100–ISO 25 000	ISO 100–ISO 6 400

White balance

Automatic (Auto), default (Daylight, Cloudy, Shadow, Tungsten, Flash), manual metering (Gray Card), manual color temperature settings (Color Temperature, 2500 K to 10000 K)

Flash

Flash unit

Included in the delivery: Leica CF D

Flash angle

Aligned with the shortest focal length of the lens of 10.9 mm

Guide number

10/7 (at ISO 200/100)

Flash range

Approx. 0.6–14.1 m/0.3–8.5 m (at shortest/longest focal length)

Flash unit connector

Via the accessory shoe

Flash sync time

⚡ : 1/4000 s, slower shutter speeds available

Flash exposure compensation

±3 EV in 1/3 EV increments

Equipment

Microphone

Stereo

Speaker

Mono

WLAN

WLAN function for connecting to the Leica FOTOS app. The Leica app is available from the Apple App Store™ or the Google Play Store™.
IEEE802.11b/g/n Channel 1–11 (2412–2462 MHz), maximum output (e.i.r.p.): 5.9 dBm, encryption method: WLAN-compatible WPA™/WPA2™

Bluetooth

Bluetooth 5.0 LE: Channel 0–39 (2402–2480 MHz), maximum output (e.i.r.p.): 1.2 dBm

GPS

Not available everywhere due to country-specific legislation; can be added via the Leica FOTOS app. Data is written to Exif header of the picture files.

Menu languages

English, German, French, Italian, Spanish, Portuguese, Russian, Japanese, Traditional Chinese, Simplified Chinese, Korean



LEICA D-LUX 8

Power supply

Rechargeable battery (Leica BP-DC15)	Lithium-ion rechargeable battery, rated voltage: 7.2 V (DC), capacity: 1025 mAh (min.), manufacturer: Panasonic Energy (Wuxi) Co. Ltd., Made in China
Charging via USB	With camera switched off: 5 V/1500 mA (2.5 W or greater)
Rated values for input voltage/power	7.2 V $\Rightarrow$ 0.9 A (battery), 5 V $\Rightarrow$ 1.0 A (USB)
