



LEICA CL

Technical Data.



Camera name	Leica CL
Camera type	Digital APS-C system camera
Type-No.	7323
Order no.	19 301 (black)
Lens mount	Leica L bayonet with contact strip for communication between lens and camera
Compatible lenses	Lenses with Leica L-Mount, Leica M/R lenses using the Leica M-Adapter L/R-Adapter L
Sensor	APS-C sized CMOS sensor (23.6 x 15.7 mm) with 24.96/24.24 million pixels (total/effective), aspect ratio 3:2
Photo Resolution	DNG: 6016 x 4014 Pixels (24 Megapixels), JPEG: optional 6000 x 4000 Pixels (24 Megapixels), or 4272 x 2856 Pixels (12 Megapixels), or 3024 x 2016 Pixels (6 Megapixels)
Photo file formats/compression rates	Optional: DNG, JPG, or DNG + JPG
Video recording format	MP4
Video resolution/frame rate	Optional: 3840 x 2160 p (4K) 30 fps, 1920 x 1080 p (FHD) 60 fps, 1920 x 1080 p (FHD) 30 fps or 1280 x 720 p (HD) 30 fps
Video recording time	Depending on ambient or housing temperature video recordings are possible up to a maximum length of 29 minutes, maximum file size is 4 GB, if a recording exceeds this limit, the respective part is automatically stored in another file
Processor	MAESTRO II Generation
Storage media	SD/SDHC/SDXC memory cards, multimedia cards, UHS II-standard is supported
ISO range	Automatic, ISO 100 to ISO 50000
White balance	Automatic, presets for daylight, cloudy, halogen lighting, shadow, electronic flash, two memory slots for manually metered settings, manual color temperature setting
Autofocus system	Contrast-based
Autofocus metering methods	Single point, multi-zone, spot, face detection, touch AF
Exposure modes	Automatic program, aperture priority, shutter speed priority, and manual setting, Fully automatic, sport, portrait, landscape, night portrait, snow/beach, fireworks, candlelight, sunset, digiscoping
Scene Modes	Fully automatic, sport, portrait, landscape, night portrait, snow/beach, fireworks, candlelight, sunset, digiscoping, miniature, panorama, HDR
Exposure metering methods	Multi-zone, center-weighted, spot
Exposure compensation	±3 EV in 1/3 EV increments
Automatic exposure bracketing	Three pictures in graduations up to ± 3EV, adjustable in 1/3 EV increments
Shutter speed range	30 s to 1/25000 s (up to 1/8000 s with mechanical, beyond that with electronic shutter)
Picture series	Max. approx. 10 fps with mechanical shutter/ 10 fps with electronic shutter function, max. approx. 33 pictures (DNG+JPG) and max. approx. 140 pictures (JPG only) at full speed, then depending on memory card properties

Flash modes	Adjustable with attached, system compatible flash
Flash exposure compensation	±3 EV in 1/3 EV increments
Flash synchronization	1/180 s
Monitor	3" TFT LCD, 1.04MP, touch and gesture control possible
Viewfinder	Resolution: 1024 x 768 pixels (2.36 MP), enlargement: 0.74x, aspect ratio: 4:3, eye relief: 20 mm, eyepiece: adjustable ± 4 dioptres, with eye sensor for automatic switching between viewfinder and monitor
Top-Display	Resolution: 128 x 58 pixels
ISO Accessory shoe	ISO accessory shoe with center and control contacts for Leica flash units
Tripod thread	A 1/4 DIN 4503 (1/4")
WLAN	Complies with IEEE 802.11b/g/n standard (standard WLAN protocol), channel 1-11, encryption method: WiFi-compatible WPA™/WPA2™
Power supply	Leica BP-DC12 lithium ion battery, rated voltage 7.2 V (7.2 V D.C.), capacity 1200 mAh, (based on CIPA standard): approx. 220 pictures, charging time (after total discharge): approx. 140 min manufacturer: Panasonic Energy (Wuxi) Co., Ltd. made in China
Charger	Leica BC-DC12, input: AC 100-240 V, 50/60 Hz, automatic switching, output: DC 8.4 V 0.65 A, manufacturer: Shin Tech Engineering Ltd., Made in China
Body	Top and bottom covers: milled and anodized Aluminum, front and rear body shells: Magnesium
Body dimensions (WxHxD)	131 x 78 x 45 mm
Weight	Approx. 403 g/353 g (with/without battery)
Scope of delivery	Camera body, bayonet cap, carrying strap, accessory shoe cover, battery (Leica BP-DC12), charger (Leica BC-DC 12), mains cables (EU, US, local mains cable)
Software	Leica CL App (remote control and picture transfer, free download in Apple™ App-Store™ / Google™ Play Store™)

Subject to changes in design and production.