



LEICA SL2

Technical Data.



Camera	Leica SL2
Camera type	Mirrorless full-frame system camera
Type no.	2998
Order no.	10 854 EU/JP/US (black), 10 856 ROW (black)
Buffer memory	4 GB: DNG™: 78 recordings / JPG: > 100 recordings
Storage medium	UHS-II (recommended), UHS-I, SD/SDHC/SDXC memory card
Material	Full-metal housing made of aluminum and magnesium, leatherette, cover, splash-water protected in compliance with IEC standard 60529 (protection type IP54).
Lens mount	Leica L bayonet with contact strip for communication between lens and camera
Operating conditions	-10 to +40°C
Interfaces	ISO accessory shoe with additional control contacts, HDMI jack 2.0b Type A, USB 3.1 Gen1 Type C, Audio-Out 3.5 mm / Audio-In 3.5 mm, communication interface in the base cover for multifunction hand grip
Tripod thread	A 1/4 DIN 4503 (1/4") with stainless steel in the base
Dimensions (WxHxD)	146 x 107 x 42 mm
Weight	approx. 835 g (without battery)
Sensor	
Sensor size	CMOS sensor, pixel pitch: 4.3 µm / Fullframe (47.3 MP): 8368 x 5584 pixels / APS-C (20.2 MP): 5504 x 3664 pixels
Image Stabilization	5 axis Body Image Stabilization. Camera stabilizes up to 5.5 stops.
Filter	RGB color filter, UV/IR filter, no low-pass filter
Processor	Leica Maestro series (Maestro III)
File formats	Photo: DNG™ (raw data), DNG + JPG, JPG (DCF, Exif 2.31) Video: MP4: H.264/MPEG-4 AVC (Audio Format: 2ch 48 kHz/16 bit, AAC), MOV: H.264/MPEG-4 AVC (Audio Format: 2ch 48 kHz/16 bit, AC-3)
Picture resolution	DNG™: 8368 x 5584 pixels (46.7 MP) JPG: 8368 x 5584 pixels (46.7 MP), 6000 x 4000 pixels (24 MP), 4272 x 2848 pixels (12 MP)
Color depth	DNG™: 14 bit, JPG: 8 bit
Color space	Picture: sRGB, ECI-RGB v2.0, Adobe RGB Video: Rec. 709/Rec. 2020 (HLG)/L-Log
File size	DNG™: 84.4 MB JPG: depending on resolution and image content Video: max. length: 29 min, max. file size: 96 GB
Recording Mode Video	Video mode: P - A - S - M / Cine mode: M
Video resolution/frame rate	MOV 5K: 29.97 fps, 25 fps, 23.98 fps / MOV C4K: 59.94 fps, 50 fps, 29.97 fps, 25 fps, 24 fps / MOV 4K: 59.94 fps, 50 fps, 29.97 fps, 25 fps, 23.98 fps / MOV FHD: 180 fps, 150 fps, 120 fps, 100 fps, 59.94 fps, 50 fps, 29.97 fps, 25 fps, 23.98 fps / MP4 4 K: 59.94 fps, 50 fps, 29.97 fps, 25 fps, 23.98 fps / MP4 FHD: 180 fps, 150 fps, 120 fps, 100 fps, 59.94 fps, 50 fps, 29.97 fps, 25 fps, 23.98 fps
Bit Rate	8/10 bit for recordings on SD card, 10 bit via HDMI output
Video Gamma	Rec. 709, L-Log Rec. 2020, HLG Rec. 2020
Viewfinder (EVF)	Resolution: 5,760,000 dots, 120 fps, magnification: 0.78x, aspect ratio: 4:3, frame coverage: 100%, exit pupil position: 21 mm, setting range +2/-4 diopters, with eye sensor for automatic switchover between viewfinder and LCD panel, time delay 0.005 s
LCD panel	3.2" (backlight LED) with anti-fingerprint and anti-scratch coating, 2,100,000 pixels (dots), format 3:2, touch control available

Top display	1.28" highly reflective trans-reflective monochrome LCD, 128 x 128 pixels, viewing angle 120°; anti-fingerprint coating
Shutter	
Shutter type	Electronically controlled focal plane shutter/electronic shutter
Shutter speeds	Mech. shutter: 30 min to 1/8000 s / Electr. shutter function: 1 s to 1/40000 s / Flash Synch: up to 1/250 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
Picture Series	Single Continuous Low Speed (3 fps), Continuous Medium Speed (6 fps), Continuous High Speed (10 fps without AFc/AE/WB), Continuous Super Speed (20 fps with electr. shutter function without AFc/AE/WB), Interval Shooting, Exposure Bracketing, Multishot
Multishot	Generates 2 DNGs: 1x 47 MP, 1x 187 MP (8 pictures are combined into one high-res image)
Focusing	
Focus Mode	Automatic (Autofocus in modes iAF/AFs/AFc/Touch AF) or manual. With manual setting: Auto Magnification and Focus Peaking optionally available as focus aids
Autofocus system	Based on contrast metering and depth mapping
Autofocus modes	Smart AF (autonomously selects AFs and AFc), AFs (picture taken only after successful focusing), AFc (picture can be taken at any time), AF setting can be saved
Autofocus Metering Methods	Spot (can be shifted), Field (can be shifted), Multi-Field, Zone, Face detection, object Tracking, optional Touch AF
Autofocus Metering Fields	225
Exposure	
Exposure metering	TTL (,Through The Lens' exposure metering)
Exposure Metering Methods	Spot, Center-Weighted, Multi-Field
Exposure modes	Automatic program (P), Aperture priority (A): manual aperture setting, Shutter priority mode (S): manual shutter speed setting Manual (M): manual setting for shutter speed and aperture
Exposure Compensation	±3 EV in 1/3 EV increments or 1/2 EV increments
Automatic bracketing	3 or 5 exposures, up to ±3 EV, in 1/3 EV increments Shift function: up to ±3 EV
ISO sensitivity range	Auto ISO: ISO 100 to ISO 50000, Manual: ISO 50 to ISO 50000
White balance	Automatic (Auto), Daylight 5200 K, Cloudy 6000 K, Shadow 7000 K, Tungsten 3200 K, HMI 5600 K, Fluorescent Warm 4000 K, Fluorescent Cold 4500 K, Flash 5400 K, Gray Card Live View, Gray Card, Color Temperature 2000 K to 11500 K
Flash	
Flash unit connector	About the accessory shoe
Flash sync time	↔ : 1/250 s, slower shutter speeds available, automatic changeover to TTL linear flash mode with HSS-compatible Leica flash units if sync time is undercut
Flash exposure metering	Using center-weighted TTL pre-flash metering with Leica flash units (SF 26, 40, 58, 60, 64) or with system-compatible flash units, flash remote control SF C1
Flash exposure compensation	SF 40: ±2 EV in 1/2 EV increments, SF 60: ±2 EV in 1/3 EV increments
Equipment	
Microphone	Stereo internal + microphone input 3.5 mm stereo jack
Speaker	Mono internal + headphones output 3.5 mm stereo jack
WLAN	The Leica FOTOS app is required to use the WLAN function. The Leica app is available from the Apple App Store™ or the Google Play Store™. Compliant with Wi-Fi IEEE802.11b/g/n, 2.4 GHz, channel 1-11 (2412-2462 MHz) and Wi-Fi IEEE802.11ac, 2.4 GHz & 5 GHz, channel 39-48 (5180-5240 MHz), channel 52-64 (5260-5320 MHz), channel 100-140 (5500-5700 MHz) (standard WLAN protocol), encryption method: WLAN-compatible WPA™/WPA2™
Bluetooth	Bluetooth v4.2 (Bluetooth Low Energy (BLE)), 2402 to 2480 MHz
GPS	Via Leica FOTOS app
Menu languages	English, German, French, Italian, Spanish, Russian, Japanese, Simplified Chinese, Traditional Chinese, Korean

Power supply

Rechargeable battery (Leica BP-SCL4)	Lithium-ion rechargeable battery, rated voltage: 7.2V (DC); capacity: 1860 mAh (min.), approx. 370 recordings (based on CIPA standard, without EVF); charging time: approx. 140 min (after deep discharge); manufacturer: Panasonic Energy (Wuxi) Co. Ltd., Made in China
USB Power Supply	USB charger function in standby mode or when switched off, USB power supply when switched on
Charger (Leica BC-SCL4)	Input: AC 100–240 V, 50/60 Hz, 0.25 A, automatic switchover; Output: DC 8.4 V 0.85 A; Manufacturer: Salom Electric (Xiamen) Co., Ltd., Made in China
