

LEICA SL-SYSTEM

Technical Data.

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| Camera Type | LEICA SL (Typ 601) | Order No. 10850 |
| Lenses | | |
| Lens Mount | Leica L-Mount | |
| Applicable lenses | Leica Vario-Elmarit-SL 24–90 mm f/2.8–4 ASPH. Leica Apo-Vario-Elmarit-SL 90–280 mm f/2.8–4 Leica Summilux-SL 50 mm f/1.4 ASPH. Lenses from the Leica T Camera System, Leica M-Lenses with Leica M-Adapter T, Leica S-Lenses with Leica S-Adapter L, Leica R-Lenses with Leica R-Adapter L and Leica Cine lenses with Leica PL-Adapter L. | Order No. 11 176 Order No. 11 175 Order No. 11 180 |
| Sensor | | |
| Type | 24-MP-CMOS-Sensor (24×36 mm) | |
| Resolution | Full Frame (24 MP): 6000×4000 Pixel, APS-C (10 MP): 3936×2624 Pixel | |
| Filter | IR-Filter, no Lowpass Filter | |
| ISO | ISO 50–ISO 50000 | |
| Sensor Cleaning | Provided | |
| Processor | | |
| Type | Leica Maestro II Family | |
| Internal RAM | 2 GB: 33 DNGs or 30 JPEGs and DNGs | |
| Image | | |
| Image Data Format | JPEG, DNG | |
| Colordepth | 14 bit (DNG), 8 bit (JPEG) | |
| JPEG Color Space | Adobe RGB, ECI RGB, sRGB | |
| Motion | | |
| File Format | MP4, MOV | |
| Resolution | 4K (4096×2160) @ 24fps; 4K (3840×2160) @ 25 and 30fps; 1080 @ 24, 25, 30, 50, 60, 100 and 120fps; 720 @ 24, 25, 30, 50, 60, 100 and 120fps | |
| Bitrate | 8 bit (recording); 10 bit (HDMI not recording) | |
| Color sampling | 4:2:2 / 10 bit (HDMI only); 4:2:0 / 8bit (recording on SD card) | |
| Video | V-Log L gamma selectable | |
| Audio | Manual/Auto; Stereo microphone, 48 kHz, 16 bit; Wind elimination | |
| Audio external via Audio-Adapter | Audio-In (3.5 mm phone jack), Audio-Out (3.5 mm phone jack) | |
| Movie Length | Max. duration: 29 min, Max. size: 4 GB | |
| EVF | | |
| Resolution | SXAG, 4.4 MP | |
| Size | 0.66" | |
| Eye Point | 20 mm | |
| Field of View | 37° | |
| Magnification | x0.80 (With 50 mm lens at infinity, –1 dpt) | |
| Frame coverage | 100% | |
| Dioptr correction | –4 to +2 | |
| Eye Sensor | Yes | |

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| Live View | Operating Modes: Video- and Photo-Live-View separated; Frame rate: up to 60 fps; Exposure simulation available, Optional information: Focus Peaking, Histogram, Clipping/Zebra, Level, Grid Overlay (3×3, 6×4), Aspect Ratio (1.33:1; 1.66:1; 1.78:1; 1.85:1; 2.35:1; 2.4:1), Safe Area (80%; 90%; 92.5%; 95%) |
| Storage | SD 1 slot (UHS II) with maximum writing speed 100 MB/s, SD 2 slot (UHS I) with maximum writing speed 30 MB/s |
| Focussing | |
| Type | Contrast AF |
| Focus Modes | AF-S (focus priority), AF-C (shutter priority), MF, Touch-AF |
| AF Modes | Static, Tracking, Auto (face detection) |
| AF Size | Point, Field, Zone (9 Fields) |
| AF Steps | 37 or 49 Fields |
| AF Assist Lamp | Built in |
| Exposure | |
| Exposure Modes | Program Mode (P), Shutter speed priority mode (T), Aperture priority mode (A) and manual mode (M) |
| Exposure Metering Modes | Center weighted, Multi zone, Spot |
| Exposure Compensation | ±3 EV in 1/3 or 1/2 EV-steps |
| Exposure Bracketing | 3/5/7 images in 1/2/3 aperture steps; additional direct JPEG-HDR |
| White Balance | Preset AUTO, Daylight 5200 K, Cloudy 6000 K, Shade 7000 K, Tungsten 3200 K, HMI 5600 K, Fluorescent warm 4000 K, Fluorescent cool 4500 K, Flash 5400 K, Greycard, Manual color temperature 2000 K to 11500 K |
| Shutter | |
| Type | Focal plain shutter |
| Drive Modes | Single, Continuous slow S (4fps), Continuous medium M (7fps), Continuous fast F (11fps), Self timer 2s, Self timer 12s, Interval, Exposure Bracketing, Time exposures up to 30 min |
| Shutter speed | 1/8000 s to 60 s, time exposures up to 30 min, Max. frame rate 11 fps, |
| Warranty | 2 years or 200,000 releases |
| Flash | |
| Interface | Standard X-jack, Hot shoe with Sync. and TTL-Mode contacts |
| X-Synchronization | 1/250 s |
| Wi-Fi | Built in, IEEE 802.11 b/g/n (2.5 GHz) |
| GPS | Built in, Automatic time and date, Sensitivity < 1° |
| Power supply | Rechargeable Lithium-Ion battery, Nominal voltage 8.4 V, Capacity at least 1860 mAh; Lifetime per charge (CIPA): approx. 400 shoots; Charging time: approx. 180 min; Charger: 100–240V 50/60 Hz 0.25 A with adapters |
| Touch Screen | 2.95" Touch Back light LED with Anti-fingerprint and Anti-scratch coating; 1.04 Mio. pixels; Format 3:2; View angle: 170°; Colors: 16 Million; Frame coverage: 100% |
| Top Display | 1.28" highly reflective monochrome LCD; 128×128 dots; View angle 120°; Anti-fingerprint coating |
| Housing | |
| Material | Milled Aluminium |
| Dust/Spray water sealing | Provided |
| Interfaces | USB 3.0 Micro Type B; HDMI Type A; Multi connector adapter for Audio-Out 3.5 mm/Audio-In 3.5 mm; Multi Connector cable release; ISO accessory shoe with center and control contacts for flash units; Standard X-jack; Multifunctional interface in baseplate for optional handgrip |
| Tripod thread | A 1/4 DIN 4503 (1/4") with anti-twist locking pin |
| Dimensions/Weight | 147×104×39 mm (W×H×D)/approx. 771/847 g (with/without battery) |
| Working conditions | Approx. 0°–40 °C, max. 85 % humidity |
| Scope of delivery | Camera body, Camera strap, Lens mount cap, Battery, Battery Charger with international adapter, USB 3.0-cable, Manual, Warranty Card, Leica Lens cleaning tissue |
| Software | Remote Control (USB): Leica Image Shuttle SL; Remote Control (Wi-Fi): Leica SL app (Android/iOS) |