LEICA **TL**

Technical data.

Camera	Leica TL black anodised	silver anodised	titanium colored
Order no.	18 146	18 147	18 112
Lens connection	Leica L bayonet fitting with contact strip for communication between lens and camera.		
Lens system	Leica TL lenses and Leica M lenses using Leica M Adapter L.		
Sensor	CMOS sensor, size APS-C (23.6 x 15.7 mm) with 16.5/16.3 million pixels (total/effective), format aspect ratio 3:2.		
Resolution	JPEG: 4928 x 3264 Pixel (16 megapixels), 4272 x 2856 Pixel (12.2 megapixels), 3264 x 2160 Pixel (7 megapixels), 2144 x 1424 Pixel (3 megapixels), 1632 x 1080 Pixel (1.8 megapixels), DNG: 4944 x 3278 Pixel.		
Picture data file formats/ compression rates	Selectable: JPG Superfine, JPG Fine, DNG + JPG Superfine, DNG + JPG Fine.		
Video recording format	MP4.		
Video resolution/ frame rate	Selectable: 1920 x 1080 pixels, 30 fps or 1280 x 720 pixels, 30 fps.		
Video recording time	Uninterrupted video recordings are possible up to a maximum length of 29 minutes.		
Storage media	32 GB internal memory; SD/SDHC/SDXC memory cards, multimedia cards.		
ISO Range	Automatic, ISO 100 to ISO 12500.		
White balance	Automatic, presets for daylight, cloud, halogen lighting, shade, electronic flash, two manual settings, manual color temperature setting.		
Autofocus system	Contrast-based.		
Autofocus metering methods	Single point, multiple point, spot, face detection, touch AF.		
Exposure modes	Automatic program, aperture priority, shutter speed priority, manual setting. Scene exposure modes: Fully automatic, sport, portrait, landscape, night portrait, snow/beach, fireworks, candlelight, sunset.		
Exposure metering	Multi-field, center-weighted, spot.		
Exposure compensation	±3 EV in 1/3 EV increments.		
Automatic bracketing	Three pictures in graduations up to ± 3 EV, adjustable in 1/3 EV increments.		
Shutter speed range	30 s to 1/4000 s.		
Picture series	Approx. 5 fps, 12 pictures with constant picture frequency, then depending on memory card properties.		
Flash modes	Automatic, automatic/red eye reduction, always on, always on/red eye reduction, slow sync, slow sync/red eye reduction.		
Flash exposure compensation	± 3 EV in 1/3-EV increments.		
Flash synchronization	Sync time: 1/180 s		
Guide number built-in flash unit	For ISO 100: 4.5.		
Recovery time of built-in flash unit	Approx. 5 s with fully charged battery.		

Monitor	3.7" TFT LCD, 1.3 million pixels, 854 x 480 pixel per color channel.
Self timer	Selectable delay time 2 or 12 s.
WLAN	Complies with IEEE 802.11 b/g/n standard (standard WLAN protocol), channel 1-11, encryption method: WiFicompatible WPA™/WPA2™, access method: Infrastructur operation.
Power supply	Leica BP-DC 13 lithium ion battery, rated voltage 7.2 V, capacity 985 mAh (Min.) (based on CIPA standard): approx. 400 pictures, charging time (after total discharge): approx. 160 min. Manufacturer: Shenzen Eng Electronics Co., Ltd., Made in China.
Connections	Micro USB port (2.0 High Speed), Leica flash interface with integrated connection for optional accessories; battery charging via USB connection possible with max. 1 A.
Charger	Leica BC-DC13, input: AC 100–240 V, 50/60 Hz, 0.145 A (100 V)–0.08 A (240 V), automatic reversing, output: DC 8.4 V 0.65 A, weight: approx. 90 g, dimensions: approx. 96 x 68 x 28 mm. Manufacturer: Panasonic Energy (Wuxi) Co., Ltd.
Body	Leica Unibody solid aluminum design, two removable dummy plugs for carrying strap and other accessories, ISO flash shoe with center and control contacts for connection of more powerful external flash units or for attaching the Leica Visoflex electronic viewfinder.
Tripod thread	A 1/4 DIN 4503 (1/4").
Dimensions (W x H x D)	134 x 69 x 33 mm / 5.3 x 2.7 x 1.3 in.
Weight	Approx. 384/339 g / 13.5/11.9 oz (with/without battery).
Items supplied	Camera body, carrying strap, 2 carrying strap release pins for detaching the carrying strap, battery (Leica BP-DC 13), charger (Leica BC-DC 13) with 6 adapter plugs, USB cable.
Software	Leica App (free download remote control and picture transfer in Apple™ App Store™/Google™ Play Store™).