



LEICA SL2

NEW: LEICA **SL2**

Building on the foundation established in 2015 with the visionary Leica SL-System, Leica Camera proudly introduces the Leica SL2, the storied brand's new icon and next evolutionary step towards building the perfect all-purpose camera.

By listening closely to the valued feedback of photographers and existing SL owners, Leica made many efforts to push the envelope of technological innovation and performance while respecting its heritage of design and legacy. In addition to a technical marvel of pure performance and unmatched build quality, the Leica SL2 is also a joyous experience to use with improved ergonomics and more comfortable grip married to the well-established, simplified three-button control layout, further unifying the Leica design language across multiple product lines. While cutting-edge new features such as in-body image stabilization unlocks newfound potential from legendary Leica M-Lenses, it simultaneously augments the growing selection of SL-Lenses which are some of the finest optics Leica has ever produced.

The Leica SL2 is the natural evolution of the innovative Leica SL, serving as a groundbreaking embrace of the future of digital photography and videography while paying homage to its respected history and lineage.



LEICA SL2



IMPROVED ERGONOMICS FOR STRESS-FREE SHOOTING IN ANY SITUATION

Despite significant technical improvements, and the presence of in-body stabilization, the Leica SL2 has kept the same size than its predecessor and feels particularly compact to handle. Improved body design paired with increased durability make the SL2 the perfect companion for all forms of shooting. The SL2's IP54 certification ensures an elevated weather sealing for more rugged situations, while a new option to turn off noise reduction during long exposures allows for more hands-free shooting. Less worry about the weather and environmental situations means photographers can focus more on getting the shot. Overall the design of the SL2 recalls more of the iconic Leica identity and traditional design DNA elements that the brand has become known and loved for.

CMOS SENSOR WITH 47 MEGAPIXELS FOR SUPERIOR IMAGE QUALITY

The unprecedented resolution of the SL2's CMOS image sensor in full-frame format results in an unparalleled level of detail rendition and image quality. Enormous dynamic range, a color depth of 14 bits per RGB channel and a sensitivity of up to ISO 50,000 enable outstanding image quality in all lighting conditions. Even when combined with Leica TL lenses, which are designed for the smaller sensor format of the Leica TL2 and CL, the SL2's sensor still delivers an excellent image resolution of over 20 megapixels.

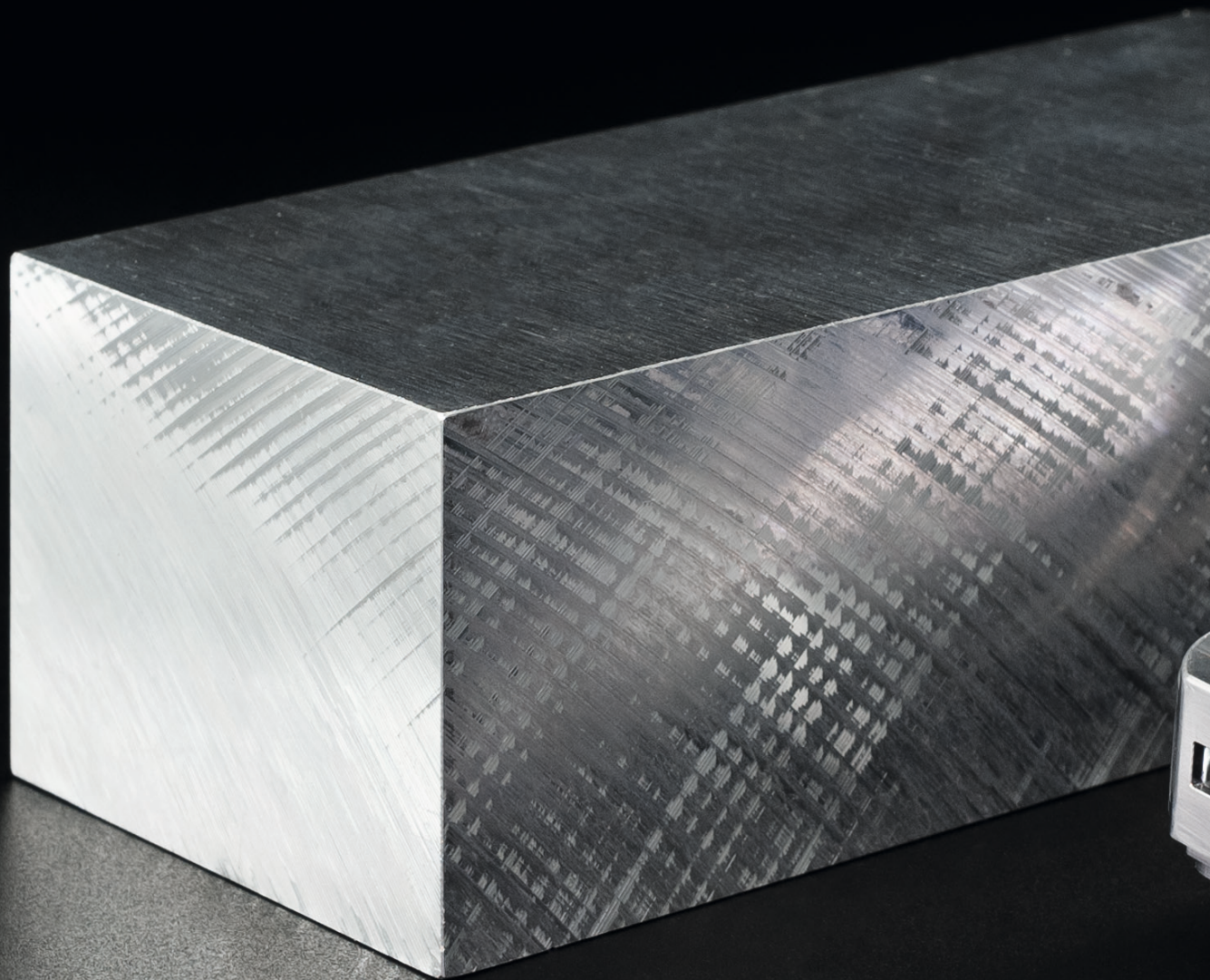


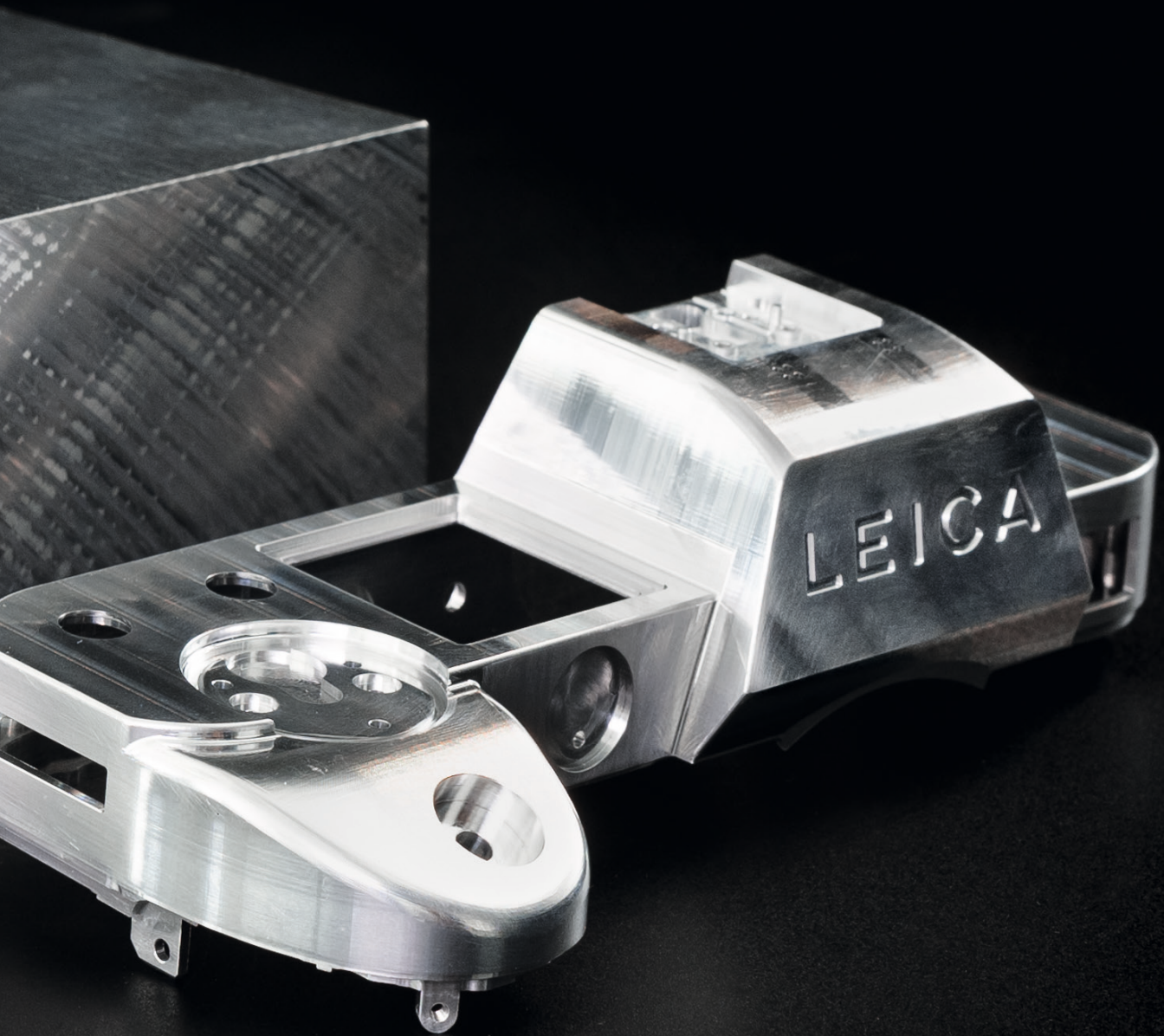
**STREAMLINED DESIGN
WITH NEW STATUS
MENUS**

The Leica SL2 offers an innovative user interface whose efficient design allows photographers to focus their attention on the creative process. The design alignment with the existing M and Q systems makes the adjustment even easier for existing Leica photographers.

The main recording parameters can be viewed on the rear display and adjusted quickly and easily with a simple finger tap. A click wheel, a joystick and three strategically placed, individually configurable buttons also contribute to a straightforward operation. Thanks to two dedicated status menus for stills and video recording, the parameters for either shooting mode can be adjusted entirely separately from each other.

LEICA **SL2**
Made in Germany.





LEICA SL2

Made in Germany.



CRAFTED WITH CONSCIENCE

The SL2 is the only mirrorless camera designed and crafted in Germany, with an unmatched all metal solid construction and elegant leather wrap to withstand the time and deliver years of photographic pleasure, thanks to the sustainability guaranteed by consistent firmware updates.



NEW LEICA OBJECT DETECTION AUTO- FOCUS

The new Leica Object Detection AF ensures a fast and reliable AF. In addition to an array of modes and features, including face recognition, the SL2's high-performance AF system also automatically detects whether a subject is stationary or in motion, and subsequently switches between motion and focus priority.

OPTICAL IMAGE STABILIZATION THROUGH SENSOR- SHIFT TECHNOLOGY

In a major evolution of the SL, the Leica SL2 features a suspended sensor which adjusts its position in order to quickly and efficiently compensate for camera shake. This in-camera method even makes image stabilization available to lenses that are not equipped with their own. Additionally, in multishot mode, the tripod-mounted camera can record up to eight consecutive frames, whereby the sensor is shifted in half-pixel increments in between every exposure. This key feature results in images with an incredible quadrupled resolution of around 187 megapixels, leading to an extreme increase in detail resolution.

LEICA EYERES[®] VIEWFINDER WITH 5.7MP

The camera's electronic viewfinder now boasts a resolution of 5.76 megapixels, allowing for a large, entirely natural-looking viewfinder image. Simultaneously, the experience is further enhanced when using the touchscreen, which has increased in size to a 3.2-inch diagonal, and now offers a significantly higher resolution of 2.1 megapixels.

MAESTRO III PROCES- SOR FOR ULTRA-FAST OPERATION

The new Maestro III processor facilitates a superior operating speed that shines in many aspects of the SL2's performance. The autofocus is significantly faster and allows for a virtually lag-free shutter release in any shooting situation, which is further complemented by the new Smart AF mode, which autonomously switches between focus priority and shutter release priority. Full-resolution recordings of consecutive images are possible at 10 frames per second with the focal plane shutter, and 20 frames per second with the electronic shutter. Thanks to two UHS-II-compatible SD card slots, raw files can be saved simultaneously in DNG and JPEG format.



LEICA SL2

Perfect tool for cinematographers.

In addition to its great appeal for photographers, the Leica SL2 speaks the language of cinematographers, as the camera is able to record up to 60 frames per second in Cine 4K mode, and up to 180 frames per second in Full-HD mode.

Activating Cine mode transforms the SL2 into a manually controlled cine camera as ISO becomes ASA, the shutter speed is marked in degrees on the rotary disk shutter, and the f-stops indicating the aperture ratio are replaced by T-stops, which measure the actual amount of light transmitted through the lens. Connecting audio equipment to the Leica SL2 no longer requires the use of adapters, as the camera now features a built-in headphones and mic jack, complemented by a fully-fledged HDMI connector for external monitors.





STEVE MCCURRY

Steve McCurry has been traveling and taking photographs for almost 40 years.

Leica chose him as the first recipient of the Leica Hall of Fame Award in 2011, and kept since then, despite Steve using other brand's camera, a mutual respect and friendship which early in 2019 created the opportunity for Steve to switch to a Leica camera. First the SL, as a base to understand the potential of the system, and then the new SL2 which he – as an early tester – put at work during his summer assignments to China, India and Cuba. He decided to have China as the first place to thoroughly use the SL2.

With the new camera and the legendary Leica lenses, for Steve it's been a kind of love at first sight. "Many of my friends have been using Leica cameras, and I've always been intrigued by the quality. It seemed now like the perfect time to choose it myself. I think I owed to my art, to my photography to use the best equipment, and this in my view is. I actually have tested the SL2 with other cameras, and to me there was no comparison, the quality is unparalleled. The really great German manufacturing, and the simplicity of the system, how you operate the buttons and the menu. Everything seemed really logical and very simple to use. But the main reason really was this incredible, unbelievable picture quality, you really have to see it to believe it..."









LEICA **FOTOS 2.0**

Seamless. Instant. Everywhere.

Revolutionize your mobile workflow with Leica FOTOS App 2.0. Edit your images fast and comfortable like never before thanks to a unique innovation: the seamless integration of Adobe Lightroom straight into the app. Supporting all your devices, including iPad, Leica FOTOS 2.0 enables you to stay connected at all times.

LEICA ACCOUNT

Login to Leica FOTOS with your Leica Account to stay in touch with the Leica community.

MADE FOR IPAD*

Leica FOTOS for iPad is made for iPadOS supporting Split View and Drag & Drop.

MUCH FASTER

With Leica FOTOS 2.0 loading the gallery and downloading photos will be up to 2x faster.

LIGHTROOM*

Leica FOTOS has the first integration into Lightroom to Edit photos seamless.

MORE STABLE

Leica FOTOS 2.0 has a new connectivity stack which makes the connection more reliable.

VIDEO SUPPORT*

Leica FOTOS Pro supports video control to create footage from interesting angles.

Get the app and visit:

fotosapp.leica-camera.com



The L-Mount, developed by Leica Camera, marks the start of a new era of creative freedom. Never before has one lens mount standard allowed for an almost limitless array of options in combining different interchangeable lenses with cameras featuring different sensor formats.

UNLIMITED SCOPE

Due to its diameter of 51.6 millimetres, the L-Mount is suitable for cameras with a full-frame sensor as well as cameras with an APS-C sensor. Equally, L-Mount lenses are compatible with both types of camera.

SHORT FLANGE DISTANCE

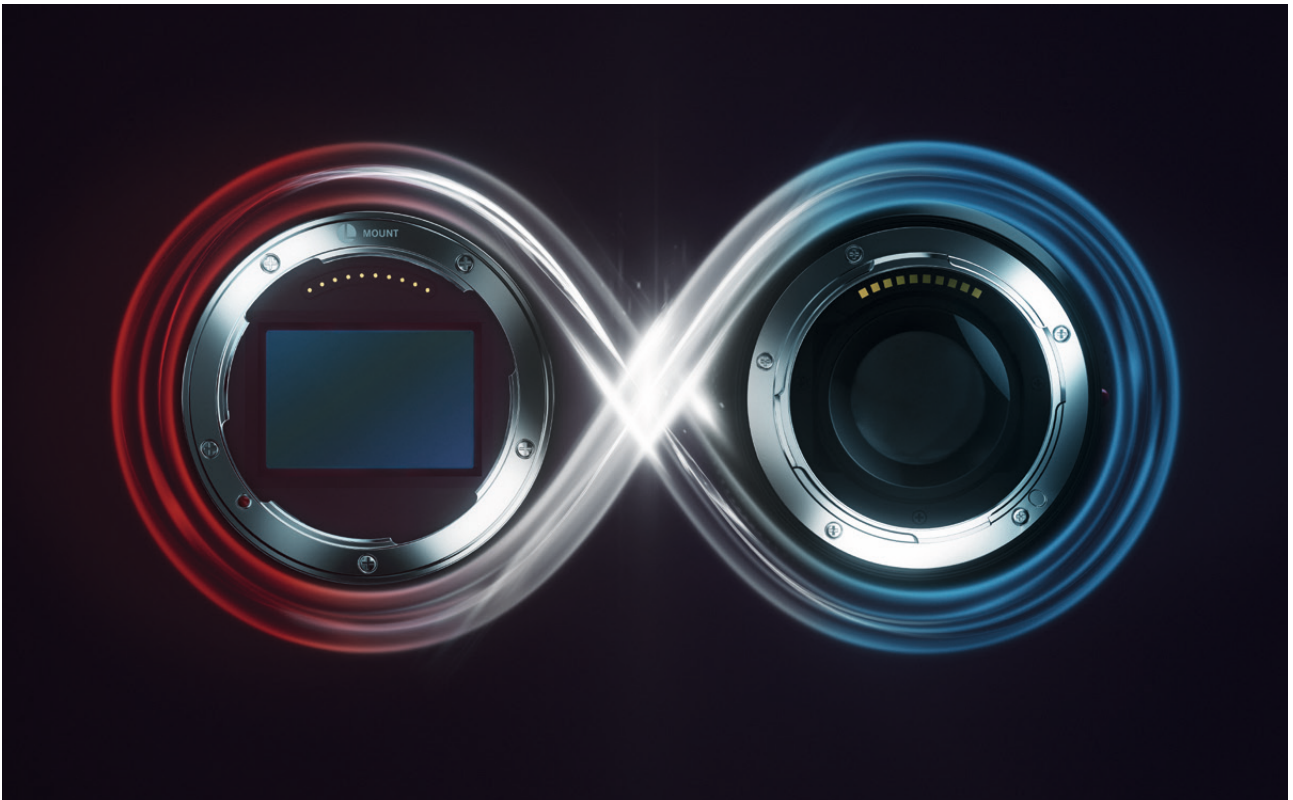
The very short flange distance of 20 millimetres leads to a minimal distance between lens and sensor. The short flange distance also enables the straightforward application of adaptors for lenses with different bayonet mounts.

SMOOTH COMMUNICATION

The L-Mount lens contacts ensures smooth communication between the electronic components of camera and lens-including the lens-to-camera transfer of digital compensation values, and the camera-to-lens transfer of firmware updates.

OPTIMAL FOCUS RESULTS

The cameras' bayonet mount is made of welded stainless steel to ensure exceptional resilience to wear-and-tear. Featuring four tabs, the L-Mount prevents tilting and ensures a particularly tight and flush coupling of camera and lens.



LEICA SL-SYSTEM



SL-Vario lenses

There is one all-important factor in the everyday work of professional photographers: flexibility. When pressures of time or limited accessibility to subjects make it impossible to change your position or lens, you can always rely on the variable focal lengths and outstanding imaging performance of the SL-Vario lenses. In combination, the newly defined focal length ranges of 24-90 mm and 90-280 mm and unusually short close focusing distances cover the greatest possible spectrum of photographic situations.

With their precise and reliable autofocus, almost indestructible construction, and the typical Leica picture quality, they are ideal for mastering all photographic challenges in which speed and utmost precision are essential.



SL-Prime lenses

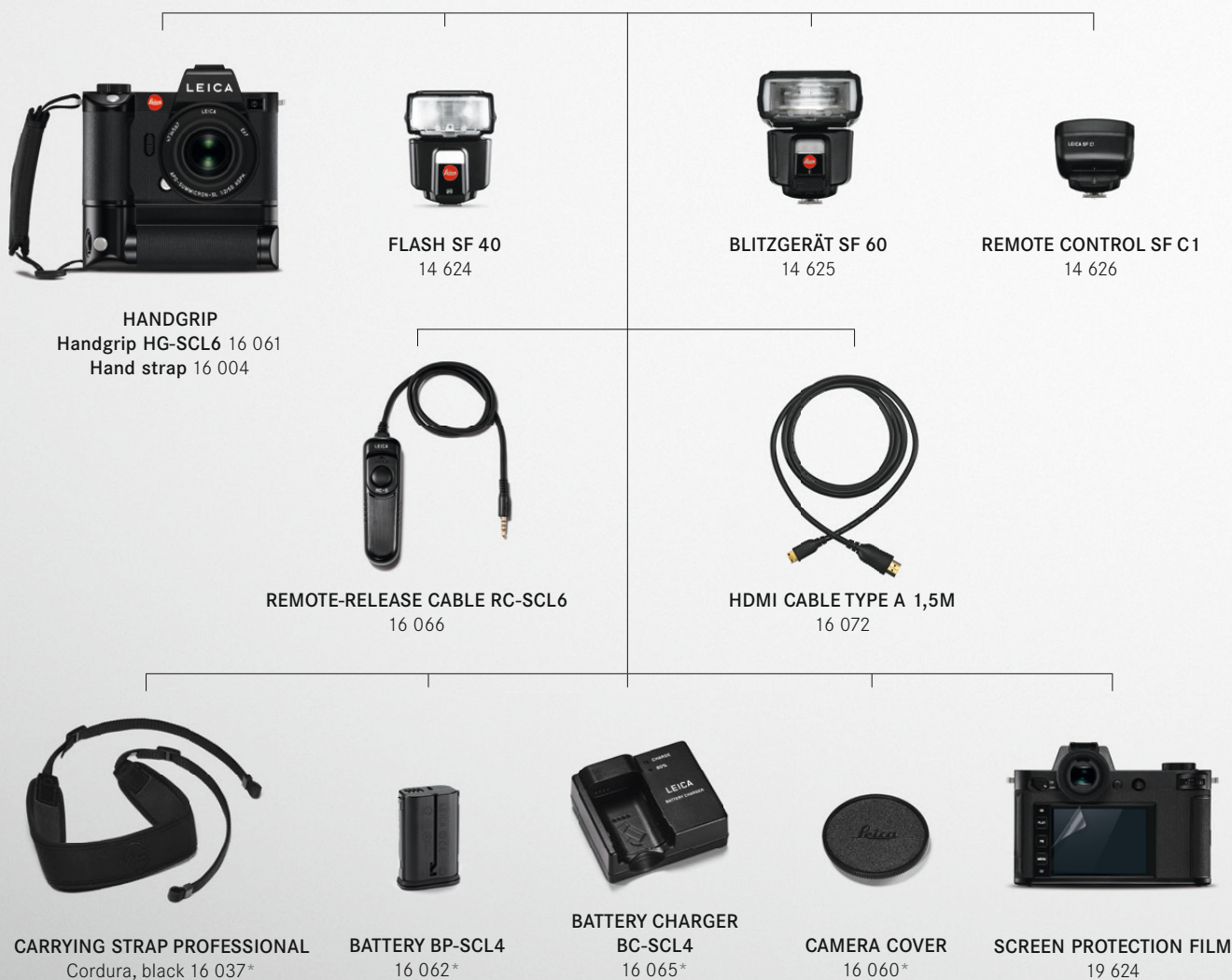
SL-Prime lenses are compact and fast, and deliver outstanding performance. Their speed enables a wide range of photographic options, for instance the creative use of depth of field to isolate subjects from the foreground and background. Pictures captured with SL-prime lenses also reveal the unmistakable bokeh for which Leica lenses are renowned.

Another advantage of fast prime lenses is that they allow the use of faster shutter speeds, either to capture fast-moving action or to prevent visible camera shake in pictures when shooting handheld in low light.

LEICA SL-SYSTEM OVERVIEW



LEICA SL2
10 854 (EU/JP/US) | 10 856 (ROW)





APO-SUMMICRON-SL
35 f/2 ASPH.
11 184



APO-SUMMICRON-SL
50 f/2 ASPH.
11 185



APO-SUMMICRON-SL
75 f/2 ASPH.
11 178



APO-SUMMICRON-SL
90 f/2 ASPH.
11 179

LENS HOODS

APO-SUMMICRON-SL 35 f/2 ASPH. 12 306*
APO-SUMMICRON-SL 50 f/2 ASPH. 12 302*
APO-SUMMICRON-SL 75 f/2 ASPH. 12 302*
APO-SUMMICRON-SL 90 f/2 ASPH. 12 302*

FILTERS

Filter E67 ND 16x 13 071
Filter UVa II E67 13 040
Filter P-cir E67 13 049

LENS CAPS

Lens cap E67 16 045*
Rear lens cap 16 064*



SUMMILUX-SL
50 f/1.4 ASPH.
11 180



SUPER-VARIO-ELMAR-SL
16-35 f/3.5-4.5 ASPH.
11 177



VARIO-ELMARIT-SL
24-90 f/2.8-4 ASPH.
11 176



APO-VARIO-ELMARIT-SL
90-280 f/2.8-4
11 175

LENS HOODS

SUMMILUX-SL 50 f/1.4 ASPH. 12 303*
SUPER-VARIO-ELMAR-SL 16-35 f/3.5-4.5 ASPH. 12 304*
VARIO-ELMARIT-SL 24-90 f/2.8-4 ASPH. 12 301*
APO-VARIO-ELMARIT-SL 90-280 f/2.8-4 12 300*

FILTERS

Filter E82 ND 16x 13 059
Filter UVa II E82 13 042
Filter P-cir E82 13 052

LENS CAPS

Lens cap E82 16 019*
Rear lens cap 16 064*



M-ADAPTER L
Compatible with Leica
M-System lenses
black 18 771 | silver 18 765



S-ADAPTER L
Compatible with Leica
S-System lenses 16 075



PL-ADAPTER L
Compatible with
PL-mount lenses
Direct Order: Ernst Leitz Wetzlar GmbH



R-ADAPTER L
Compatible with Leica
R-System lenses 16 076

LEICA SL-SYSTEM

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, 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

LEICA SL-SYSTEM

Technical Data.

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: 7.2 V (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





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