



LEICA CALONOX 2 SIGHT, CALONOX 2 SIGHT LRF and CALONOX SIGHT SE

Technical Data.



Designation	Leica Calonox 2 Sight	Leica Calonox 2 Sight LRF	Leica Calonox Sight SE
Device type	Thermal imaging device	Thermal imaging device	Thermal imaging device
Type No.	1966	1986	1971
Order No.	50 511	50 510	50 504
Scope of delivery	Calonox 2 Sight, cordura case, charging cable, Tenebraex flip cap, rubber eyecup, carry strap, quick start guide, lens cleaning cloth	Calonox 2 Sight LRF, cordura case, charging cable, Tenebraex flip cap, rubber eyecup, carry strap, quick start guide, lens cleaning cloth	Calonox Sight SE, cordura case, charging cable, quick start guide, lens cleaning cloth, certificate
Sensor type		VOx	VOx
Sensor size		640 x 480 px	384 x 288 px
Pixel size		12 µm	17 µm
Screen type		OLED	OLED
Screen diagonal		0.49", active area 0.35"	0.39"
Screen resolution		1280 x 960 px	1024 x 768 px
Image repetition frequency		60 Hz	50 Hz
Lens focal length		42 mm	42 mm
Thermal sensitivity NETD		–	< 50 mK
Optical basic magnification		1x	1x
Digital Zoom		–	no
Field of view		10.3° x 7.7° (18 x 13.5 m/100 m)	8.9 x 6.7° (15.5 m x 11.7 m/100 m)
Diopter adjustment		–	no
Range/Resolution calculated for image subject 1.7 m x 0.5 m (66.9 in x 20.0 in)			
Acquisition range/Resolution		2,210 m/2 px (2,417 yrd/2 px)	2,000 m/2 px (2,187 yrd/2 px)
Detection range/Resolution		770 m/6 px (842 yrd/6 px)	700 m/6 px (766 yrd/6 px)
Identification range/Resolution		390 m/12 px (427 yrd/12 px)	350 m/12 px (383 yrd/12 px)
Laser	–	Eye-safe invisible laser according to EN and FDA class 1	–
Wavelength	–	905 nm	–
Range	–	high-reflection targets: 1,000 m (1,094 yrd) low-reflection targets: 200 m (219 yrd)	–
Adjustment reticle correction		–	1.2 cm/50 m (0.43 in/50 yrd) 2.4 cm/100 m (0.86 in/100 yrd)
Video output		Wi-Fi, USB-C	PAL
Video recording		yes	no
Video/Picture resolution		640 x 480 px	–
Cable socket		USB-C	USB-C
Wireless connection		WiFi (2.4 GHz) + Bluetooth®	no
Internal memory		32 GB	no
Protection class		IP 67, nitrogen-filled	IPX4



LEICA CALONOX 2 SIGHT, CALONOX 2 SIGHT LRF and CALONOX SIGHT SE

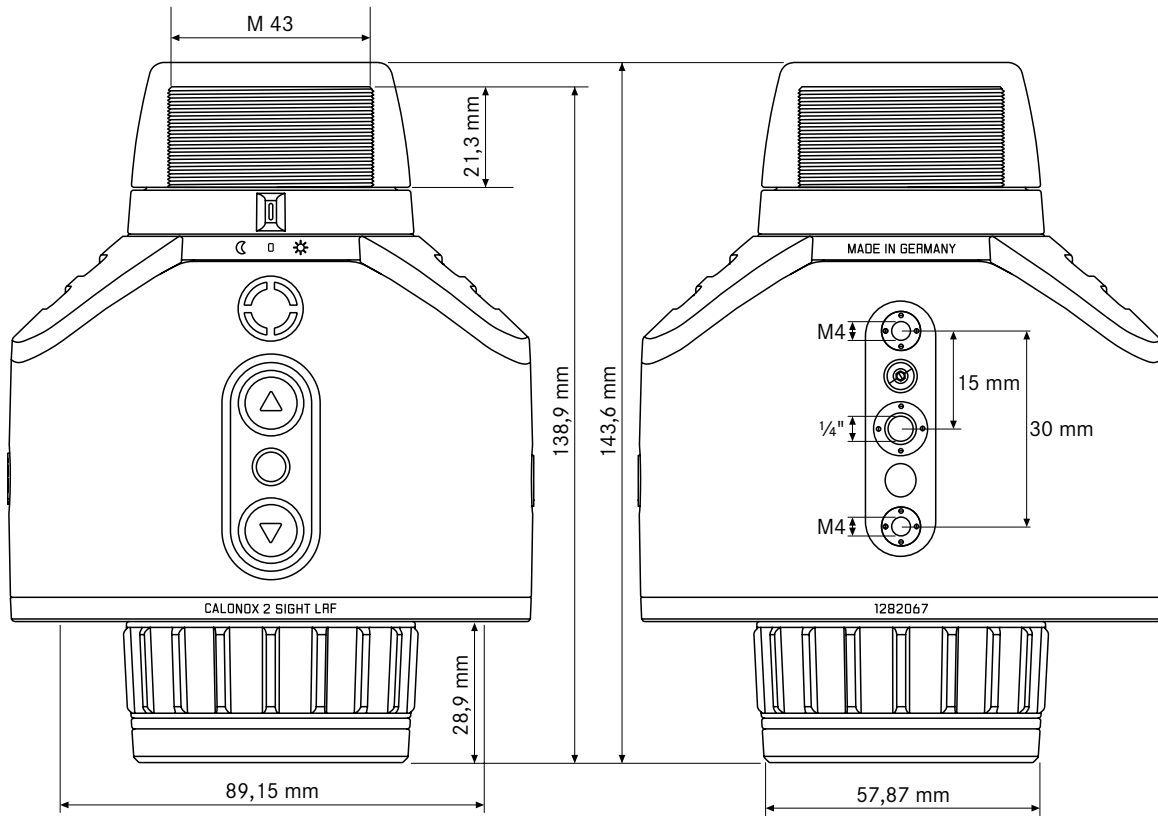
Technical Data.



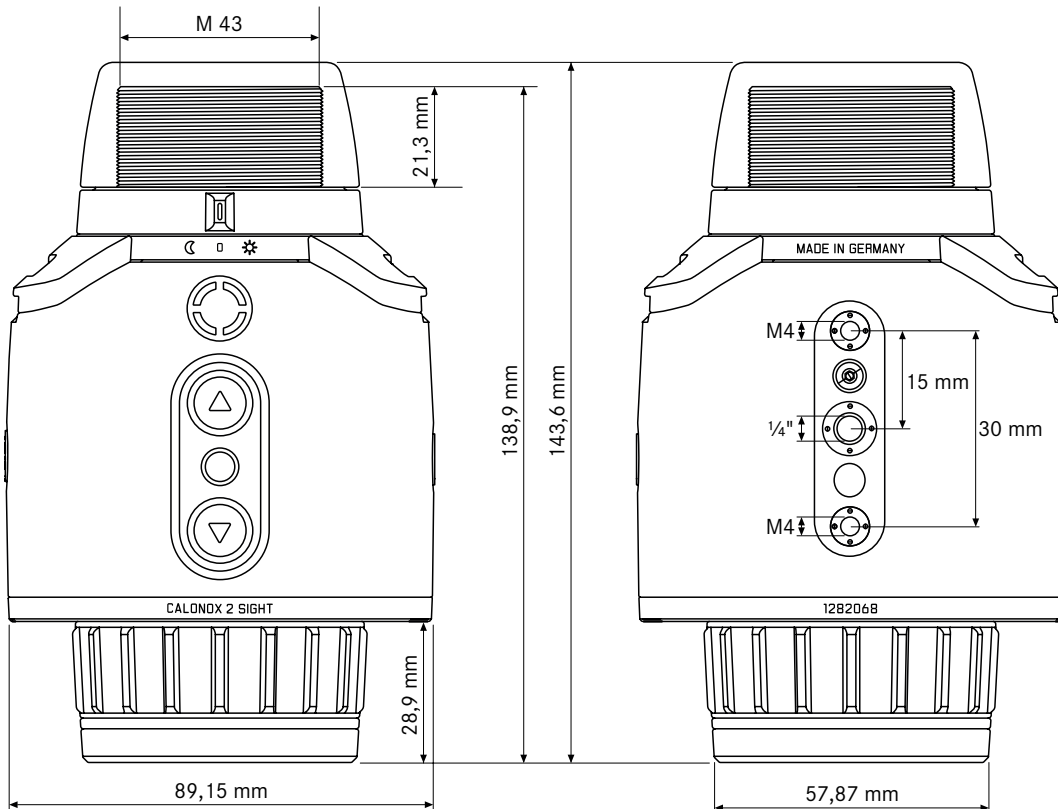
Designation	Leica Calonox 2 Sight	Leica Calonox 2 Sight LRF	Leica Calonox Sight SE
Operating temperature		-20 °C to +50 °C (-4°F to 122°F)	-20 °C to +50 °C (-4°F to 122°F)
Operating temperature (charge battery)		+10 °C to +30 °C (50°F to 86°F)	+10 °C to +30 °C (50°F to 86°F)
Battery life	approx. 6:45 h	approx. 5 h	approx. 8–11 h
Battery		–	3,820 mA/h not removable
Charging options		USB-C, household plug, power bank, car (cigarette lighter)	
Accessory thread		M43x0.75	M52 x 0.75
Tripod thread		A ¼ DIN 4503 (¼”), M4 standard thread	A ¼ DIN 4503 (¼”), M5 standard thread
Material		Silicone armoring	Plastic with rubber armoring
Dimensions (LxWxH)	139 x 89 x 61,5 mm (5.5 x 3.5 x 2.4 in)	139 x 109 x 61,5 mm (5.5 x 4.3 x 2.4 in)	165 x 65 mm (6.5 x 2.6 in)
Weight (with battery)	approx. 613 g (21.6 oz, without eyecup)	approx. 658 g (23.2 oz, without eyecup)	685 g (24.2 oz)
Shutter		–	mechanical
Bulletproof		–	up to .50 caliber
Accessories			
Remote control (mountable button)		59 083	–



LEICA CALONOX 2 SIGHT LRF



LEICA CALONOX 2 SIGHT





LEICA CALONOX SIGHT SE

