



LEICA CALONOX 2 SIGHT, CALONOX 2 SIGHT LRF & 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	1920 x 1080 px		1024 x 768 px
Image repetition frequency	60 Hz		50 Hz
Lens focal length	42 mm		42 mm
Optical basic magnification	1 x		1 x
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)
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



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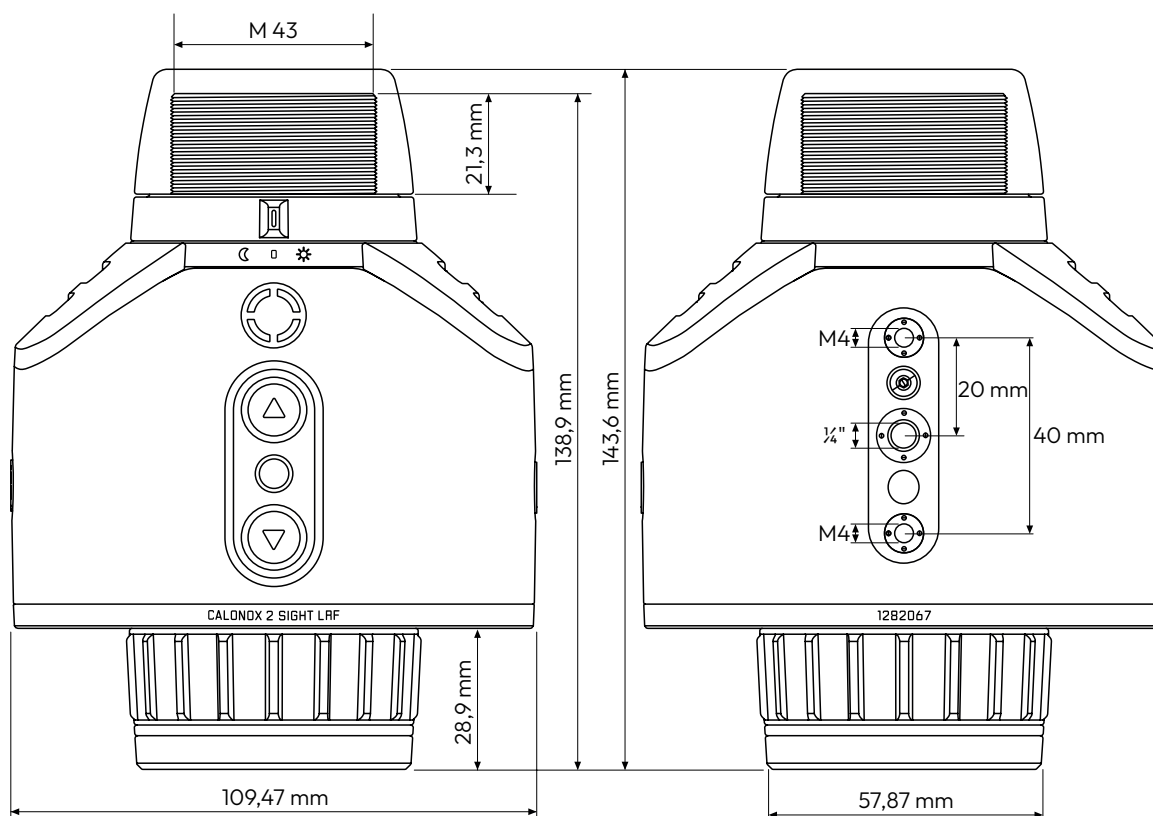
Technical Data.



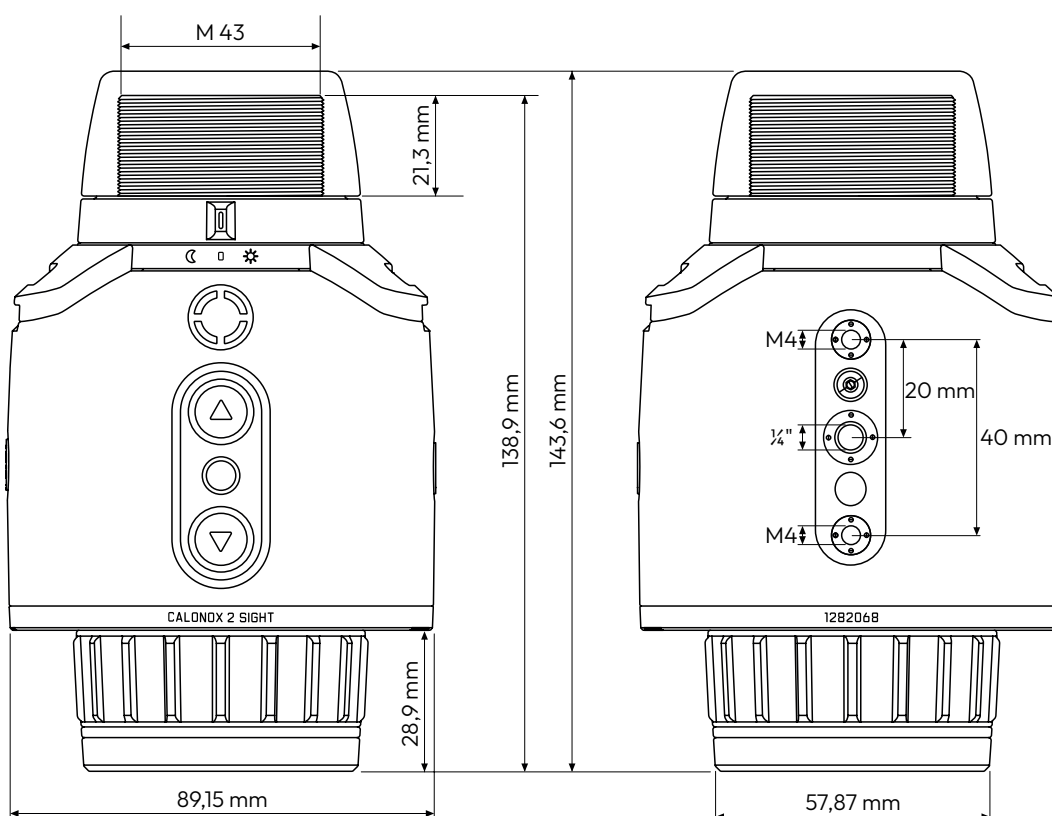
Designation	Leica Calonox 2 Sight	Leica Calonox 2 Sight LRF	Leica Calonox Sight SE
Wireless connection	WiFi (2.4 GHz) + Bluetooth®		no
Internal memory	32 GB		no
Protection class	IP 67, nitrogen-filled		IPX 4
Operating temperature	-20°C to +50°C (-4°F to 122°F)		-20°C to +50°C (-4°F to 122°F)
Operating 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
Charging options	USB-C, household plug, power bank, car (cigarette lighter)		
Accessory thread	M43 x 0.75		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 (L x W x H)	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. 620 g / 21.9 oz (without eyecup) approx. 653 g / 23.0 oz (with eyecup)	approx. 656 g / 23.1 oz (without eyecup) approx. 689 g / 24.3 oz (with eyecup)	685 g / 24.2 oz
Accessories			
Remote control (mountable button)	59 083		—
Picatinny mount set	59 085		—
Adapter ring	59 082		—



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