



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, certificate	Calonox 2 Sight LRF, cordura case, charging cable, Tenebraex flip cap, rubber eyecup, carry strap, quick start guide, lens cleaning cloth, certificate	Calonox Sight SE, cordura case, charging cable, quick start guide, lens cleaning cloth, certificate
Sensor type		VOx	VOx
Sensor size		640 x 840 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 /1.1	42 mm
Thermal sensitivity NETD		< 40 mK	< 50 mK
Optical basic magnification		1x	1x
Digital Zoom		1x/2x temporary	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	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: 1,200 m (1,312 yrd) low-reflection targets: 500 m (547 yrd)	–
Adjustment reticle correction		not necessary	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



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Technical Data.



Designation	Leica Calonox 2 Sight	Leica Calonox 2 Sight LRF	Leica Calonox Sight SE
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. 8–11 h	approx. 6 h	approx. 8–11 h
Battery	2x 2,420 mA/h not removable	3,500 mA/h not removable	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	fiberglass-reinforced plastic with silicone armoring		Plastic with rubber armoring
Dimensions (LxWxH)	139 x 90 x 61 mm (5.5 x 3.5 x 2.4 in)	139 x 110 x 61 mm (5.5 x 4.3 x 2.4 in)	165 x 65 mm (6.5 x 2.6 in)
Weight (with battery)	approx. 590 g (20.8 oz)	approx. 650 g (22.9 oz)	685 g (24.2 oz)
Shutter	shutterless		mechanical
Additional mounting	Picatinny		–
Bulletproof	up to .50 caliber		
Accessories			
Remote control (mountable button)	59 083		–



LEICA CALONOX 2 VIEW und CALONOX 2 VIEW LRF

Technical Data.



Bezeichnung	Leica Calonox 2 View	Leica Calonox 2 View LRF
Device type	Thermal imaging device	Thermal imaging device
Type No.	1966	1986
Order No.	50 513	50 512
Scope of delivery	Calonox 2 View, cordura case, charging cable, Tenebraex flip cap, carry strap, quick start guide, lens cleaning cloth, certificate	Calonox 2 View LRF, cordura case, charging cable, Tenebraex flip cap, carry strap, quick start guide, lens cleaning cloth, certificate
Sensor type	VOx	
Sensor size	640 x 840 px	
Pixel size	12 µm	
Screen type	OLED	
Screen diagonal	0.49", active area 0.35"	
Screen resolution	1280 x 960 px	
Image repetition frequency	60 Hz	
Lens focal length	42 mm /1.1	
Thermal sensitivity NETD	< 40 mK	
Optical basic magnification	2,5 x	
Digital Zoom	1 x/2 x/3 x/4 x	
Field of view	10.3° x 7.7° 18 x 13,5 m/100 m	
Diopter adjustment	±4 dpt	
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)	
Detection range/Resolution	770 m/6 px (842 yrd/6 px)	
Identification range/Resolution	390 m/12 px (427 yrd/12 px)	
Laser	–	Eye-safe invisible laser according to EN and FDA class 1
Wavelength	–	905 nm
Range	–	high-reflection targets: 1,200 m (1,312 yrd) low-reflection targets: 500 m (547 yrd)
Video output	Wi-Fi, USB-C	
Video recording	yes	
Video/Picture resolution	640 x 480 px	
Cable socket	USB-C	
Wireless connection	WiFi (2,4 GHz) + Bluetooth®	
Internal memory	32 GB	
Protection class	IP 67, nitrogen-filled	



LEICA CALONOX 2 VIEW und CALONOX 2 VIEW LRF

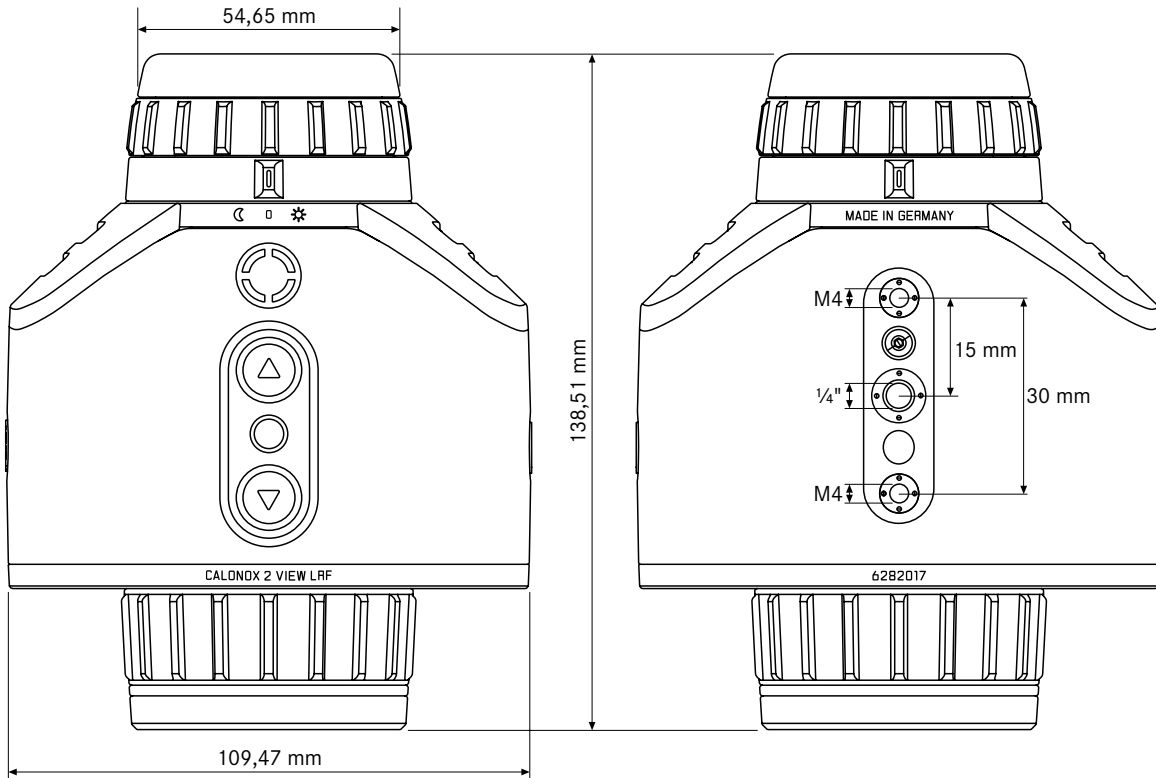
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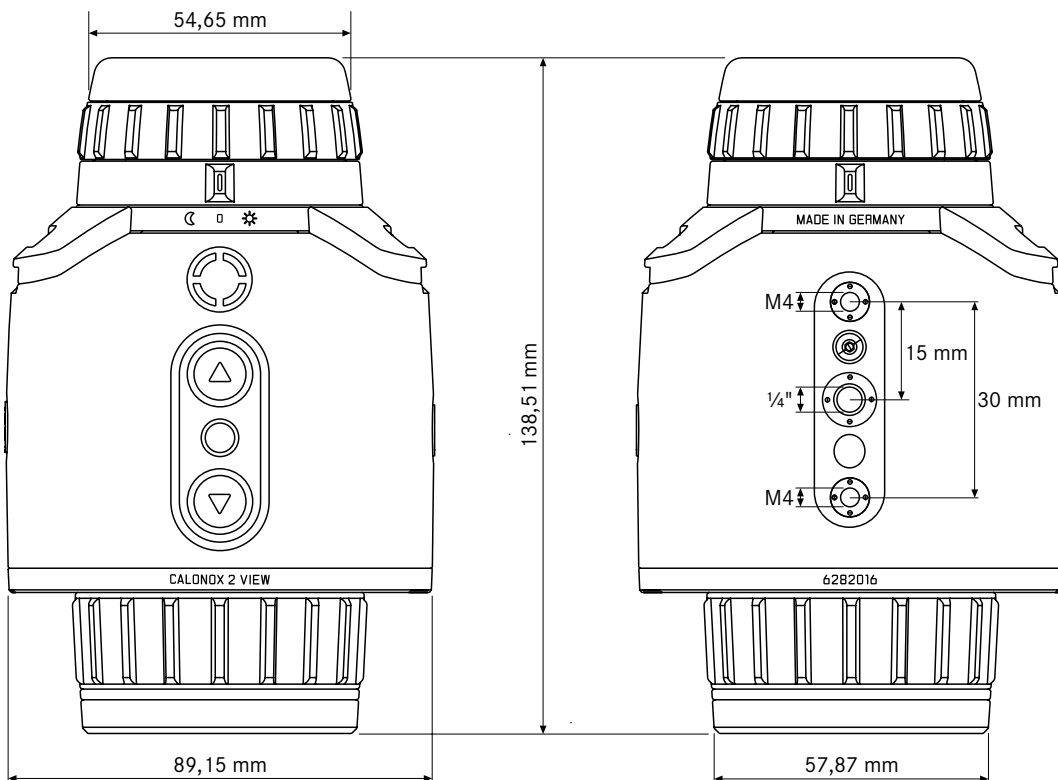
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Battery	2x 2,420 mA/h not removable	3,500 mA/h not removable
Charging options		USB-C, household plug, power bank, car
Accessory thread		M43x0.75
Tripod thread		A ¼ DIN 4503 (¼"), M4 standard thread
Material		fiberglass-reinforced plastic with silicone armoring
Dimensions (LxWxH)	139 x 90 x 61 mm (5.5 x 3.5 x 2.4 in)	139 x 110 x 61 mm (5.5 x 4.3 x 2.4 in)
Weight (with battery)	approx. 590 g (20.8 oz)	approx. 650 g (22.9 oz)
Shutter		shutterless



LEICA CALONOX 2 VIEW LRF

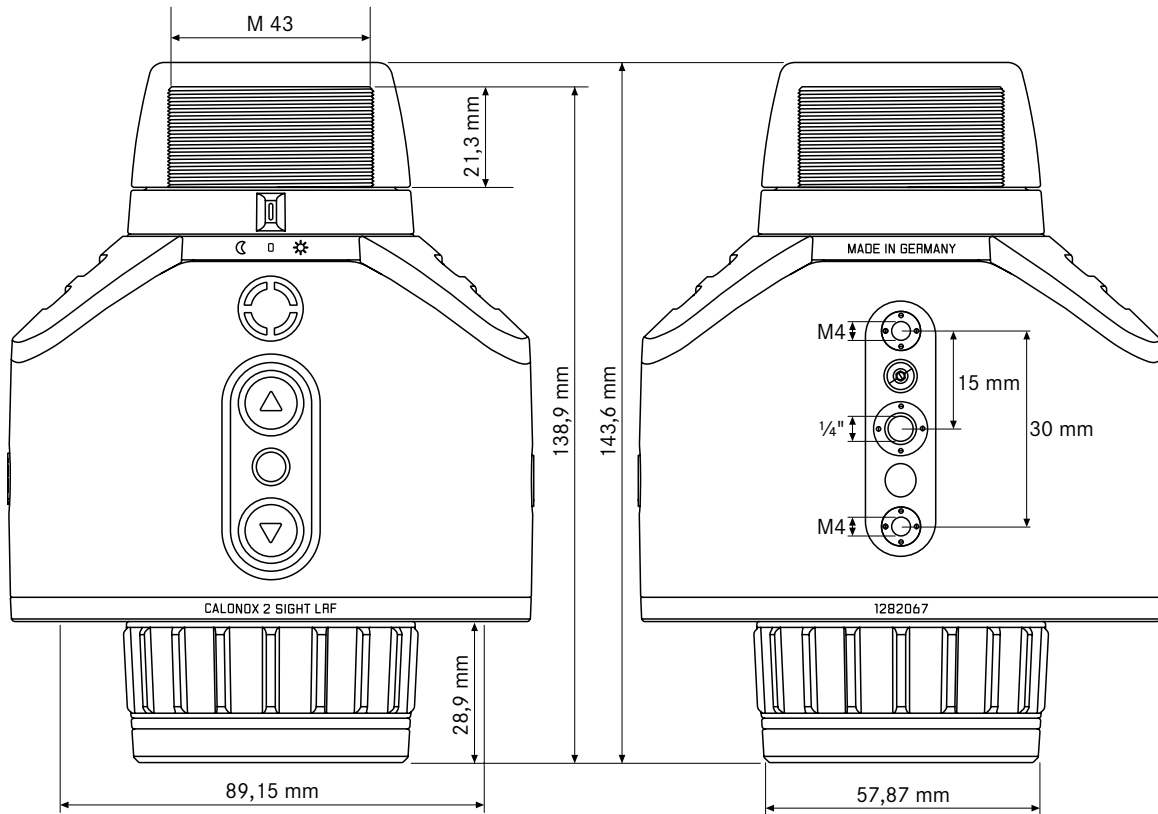


LEICA CALONOX 2 VIEW

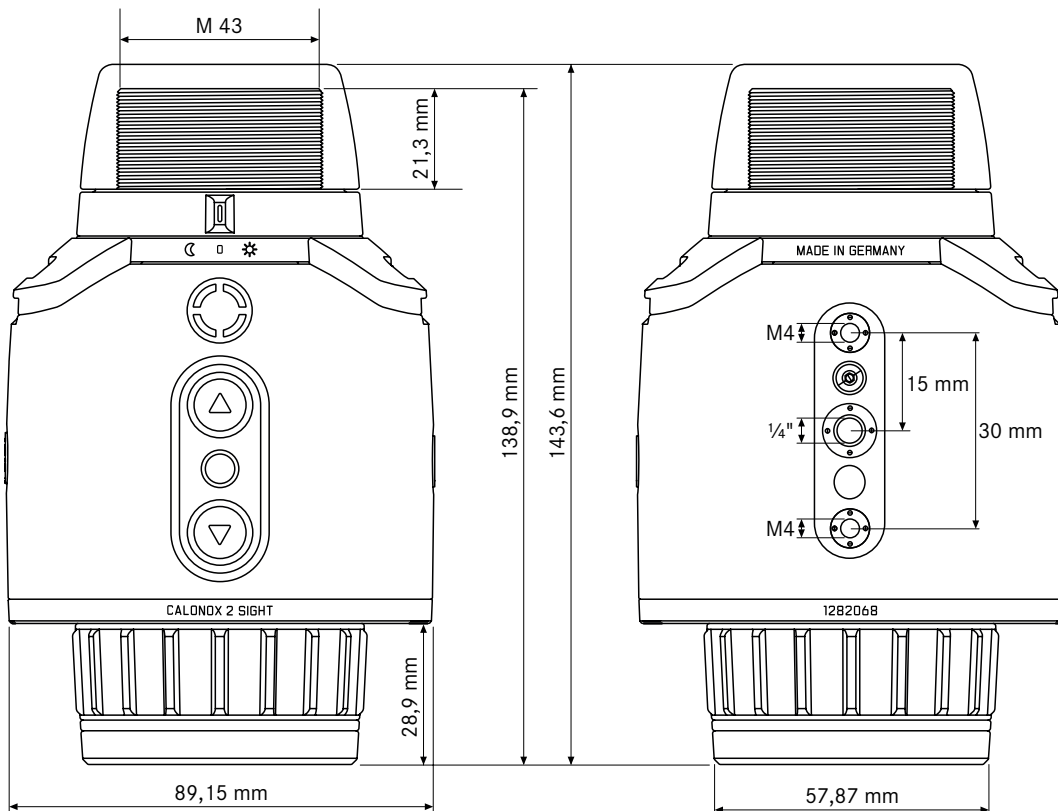




LEICA CALONOX 2 SIGHT LRF



LEICA CALONOX 2 SIGHT





LEICA CALONOX SIGHT SE

