



# LEICA GEOVID HD 42 mm

## Technical Data



Binocular	LEICA GEOVID 10 x 42 HD	LEICA GEOVID 8 x 42 HD
<b>Order No. Product</b>	40 038 (Meter-Version) 40 039 (Yard-Version)	40 036 (Meter-Version) 40 037 (Yard-Version)
<b>Delivery scope</b>	Neoprene carrying strap, eyepiece cover, protective front lens cover, battery, Cordura case	Neoprene carrying strap, eyepiece cover, protective front lens cover, battery, Cordura case
<b>Magnification</b>	10 x	8 x
<b>Front lens diameter</b>	42 mm	42 mm
<b>Exit pupil</b>	4.2 mm	5.3 mm
<b>Twilight factor</b>	20.5	18.3
<b>Field of view at 1,000 m</b>	110 m	125 m
<b>Field of view at 1,000 yds</b>	331 ft	368 ft
<b>Eye-relief</b>	15.6 mm	18 mm
<b>Objective angle of view</b>	6.3°	7°
<b>Close focusing distance</b>	approx. 5.6 m/ 18.4 ft	approx. 5.6 m/ 18.4 ft
<b>Diopter compensation</b>	± 3.5 diopters	± 3.5 diopters
<b>Distance measurement</b>		
<b>Range</b>	10 m to approx. 1,300 m/10 yds to approx. 1,400 yds	10 m up to approx. 1,300 m/10 yds to approx. 1,400 yds
<b>Accuracy</b>	± 1 m/yd up to 350 m/380 yds ± 2 m/yds up to 700 m/763 yds ± 0.5 % beyond 700 m/763 yds	± 1 m/yd up to 350 m/380 yds ± 2 m/yds up to 700 m/763 yds ± 0.5 % beyond 700 m/763 yds
<b>Read-outs</b>	LED display with four digits, easily legible in any light	LED display with four digits, easily legible in any light
<b>Eyepieces for eyeglass wearers</b>	yes	yes
<b>Sliding eyecups</b>	yes, removable, with two click stops	yes, removable, with two click stops
<b>Adjustable interpupillary distance</b>		
<b>distance</b>	56–74 mm	56–74 mm
<b>Focusing</b>	Internal focusing via central focusing device	Internal focusing via central focusing device
<b>No. of lens elements (each side)</b>		
	7, with Leica AquaDura™ coating	7, with Leica AquaDura™ coating
<b>Prism system</b>	Roof prism with phase correction coating P40	Roof prism with phase correction coating P40
<b>Watertightness</b>	Watertight to a depth of 5 m/16.5 ft	Watertight to a depth of 5 m/16.5 ft
<b>Housing</b>	Die-cast aluminium, nitrogen-filled	Die-cast aluminium, nitrogen-filled
<b>Dimensions (W x H x D)</b>	125 x 168 x 70 mm / 4¾ x 6¾ x 2¾ in	125 x 173 x 70 mm / 4¾ x 6¾ x 2¾ in
<b>Weight</b>	approx. 945 g/33.3 oz incl. batteries	approx. 950 g/33.5 oz incl. batteries
<b>Meter / Yard selector</b>	no	no
<b>Laser</b>	Eye-safe invisible laser according to EN and FDA class I	Eye-safe invisible laser according to EN and FDA class I
<b>Laser beam divergence</b>	2.5 x 0.5 mrad	2.5 x 0.5 mrad
<b>Measuring time</b>	max. approx. 1.4 s	max. approx. 1.4 s
<b>Measuring mode</b>	Scanning mode	Scanning mode
<b>Power supply</b>	1 x 3V/Lithium-type C2R	1 x 3V/Lithium-type C2R
<b>Battery lifetime</b>	approx. 2,000 measurements at 20°C/68°F	approx. 2,000 measurements at 20°C/68°F
<b>Order No. Accessories</b>		
<b>Neopren carrying strap, contoured</b>	included	included
<b>Floating carrying strap, orange</b>	42 163	42 163
<b>Tripod adapter</b>	42 220	42 220