



# LEICA GEOVID HD-B 42 mm

## Technical Data



Binocular	LEICA GEOVID 10 x 42 HD-B	LEICA GEOVID 8 x 42 HD-B
<b>Order No. Product</b>	40 049	40 047
<b>Delivery scope</b>	Contoured neoprene carrying strap, lens caps, eyepiece covers, Cordura case, LI battery type CR2	Contoured neoprene carrying strap, lens caps, eyepiece covers, Cordura case, LI battery type CR2
<b>Magnification</b>	10 x	8 x
<b>Front lens diameter</b>	42 mm	42 mm
<b>Exit pupil</b>	4.2 mm	5.2 mm
<b>Twilight factor</b>	20.5	18.3
<b>Field of view at 1,000 m</b>	114 m	130 m
<b>Field of view at 1,000 yds</b>	374 ft	427 ft
<b>Eye-relief</b>	20 mm	18 mm
<b>Objective angle of view</b>	6.5°	7°
<b>Close focusing distance</b>	5 m/ 16.5 ft	5 m/ 16.5 ft
<b>Diopter compensation</b>	± 4 diopters	± 4 diopters
<b>Distance measurement</b>		
Range	10 m up to approx. 1,825 m/10 yds to approx. 2,000 yds	10 m up to approx. 1,825 m/10 yds to approx. 2,000 yds
Accuracy	± 10 m/yd up to 1,830 m/2,000 yds ± 1 m/yd up to 500 m/550 yds ± 2 m/yds up to 1,000 m/1,100 yds ± 0.5 % beyond 1,000 m/1,100 yds	± 10 m/yd up to 1,830 m/2,000 yds ± 1 m/yd up to 500 m/550 yds ± 2 m/yds up to 1,000 m/1,100 yds ± 0.5 % beyond 1,000 m/1,100 yds
<b>Display</b>	4-digit LED display and ambient light based brightness adjustment	4-digit LED display and ambient light based brightness adjustment
<b>Eyepieces for eyeglass wearers</b>	yes	yes
<b>Sliding eyecups</b>	yes, removable, with 4 detent positions	yes, removable, with 4 detent positions
<b>Adjustable interpupillary distance</b>	56–74 mm	56–74 mm
<b>Focusing</b>	Internal focusing unit using center spindle	Internal focusing unit using center spindle
<b>Coating</b>	HDC® multi-layer coating, Leica AquaDura™ coating	HDC® multi-layer coating, Leica AquaDura™ coating
<b>Prism system</b>	Perger-Porro prism	Perger-Porro prism
<b>Watertightness</b>	Impermeable to water up to 5 m/16.5 ft depth	Impermeable to water up to 5 m/16.5 ft depth
<b>Housing</b>	Magnesium, nitrogen-filled	Magnesium, nitrogen-filled
<b>Dimensions (W x H x D)</b>	125 x 174 x 70 mm / 4¾ x 6¾ x 2¾ in	125 x 178 x 70 mm / 4¾ x 7 x 2¾ in
<b>Weight</b>	approx. 945 g/34.7 oz incl. battery	980 g/34.6 oz incl. battery
<b>Meter / Yard selector</b>	yes, by software	yes, by software
<b>Laser</b>	Invisible, safe for eyes in compliance with EN and FDA class 1	Invisible, safe for eyes in compliance with EN and FDA class 1
<b>Laser beam divergence</b>	2.7 x 1.5 mrad	2.7 x 1.0 mrad
<b>Measuring time</b>	max. 0.3 s	max. 0.3 s
<b>Measuring functions</b>	Single mode, scan mode	Single mode, scan mode
<b>Ballistic functions</b>	Equivalent horizontal range (EHR), point of aim correction, number of clicks required on elevation turret	Equivalent horizontal range (EHR), holdover, number of clicks required on elevation turret
<b>Bullet trajectories</b>	12 fixed pre-installed curves Integration of custom data using microSD card	12 fixed pre-installed curves Integration of custom data using microSD card
<b>Power supply</b>	1 x 3V/lithium circular cell CR2	1 x 3V/lithium circular cell CR2
<b>Battery lifetime</b>	approx. 2,000 measurements at 20°C/68°F	approx. 2,000 measurements at 20°C/68°F