Because precision counts.

I can depend on this.

"Given the extremeness of altitude and temperature, there was a need for ultimate shooting precision."

Simon K. Barr

The challenge
of the Himalayas.

The Himalayas are one of the most extreme hunting destinations on Earth. To find a blue sheep, an elusive, strange-looking creature, you must climb higher than when pursuing any other game species in the world. There is no easy way in. After four brutal days climbing over bare rock and ice, we reached camp three at 4,000 metres. My breath had been wanting and legs straining at the steepness of the terrain.

I'll admit I was concerned and felt emotional. More than half our climb had been on sheer drops that, if fallen from, would result in certain death. It was exhausting, managing this level of risk. Nausea, headaches and dizziness were plaguing me, a sure sign of altitude sickness. The picture of my two young daughters on the lock screen of my phone haunted my mind's eye as I curled into foetal position in the downy folds of my sleeping bag. The next day arrived and with it some positive thinking. I had overcome my inner demons. I suspect this internal challenge is something many battle with in the Himalayas; it would not be the last time for me on this expedition.

Grabbing my Geovid HD-B 3000 and rifle from my tent, I followed one of the guides under the dim light of a headlamp before sunrise. Given the extremeness of altitude, temperature and most probably angle and distance, there was a need for ultimate shooting precision. Guessing would not do. To improve my chances, I had pre-programmed my Geovid with the exact ballistic data of the 300WM cartridge I was using. This information was simply saved to a microSD card and inserted directly into the Geovid, which would provide an uncompromisingly accurate, customised ballistic solution. Brilliantly, this is possible for any cartridge or load. The data was readily available in the Geovid menu when zeroing and setting up a few days prior. My equipment was ready, even if my nerves were not.

We spotted a group of rams as the sun came up. A suitably mature male grazed with them in the first rays of sunlight. We climbed to nearly 5,000 metres. The wind was wrong, but this terrain did not offer many options. We moved as fast as our oxygen-depleted lungs would allow to get to a final firing position. The temperature was -5 degrees, distance to target was 346 metres and at a 17 degree angle. As the ram moved to leave the area, catching our wind, it was finally time for the shot. In a split second, the Geovid calculated angle, temperature, barometric pressure and distance against my custom ballistics. I had a ballistic solution of 16 clicks elevation that I dialled onto the Magnus i turret on top of the rifle. I could concentrate on shooting precisely and with absolute confidence. Despite the severe environmental variables, the shot was perfect to within a centimetre. In the toughest of situations, on a hunt of a lifetime, my Geovid made the difference between success and failure, plain and simple. Thank you, Leica!

#MyGeovidMoment

Geovid HD-B 3000.
The unrivalled pioneer.

The laser rangefinder boasts a reach of 3,000 yards (2,750 metres).

Highest precision.

The Leica Geovid HD-B models offer a worldwide unique combination of ABC® ballistics, optical quality and ergonomic design. The ballistic measurement values are available in three output formats: holdover, click adjustment and equivalent horizontal range (EHR). Barometric pressure, temperature and angle are also included in the measurements, calculating the correct point of aim with the highest precision.

With a microSD memory card and the Leica ballistic calculator, users can import individual ballistic parameters to their Geovid and thus receive measuring data perfectly adjusted to load and calibre. Without any further programming, the calculated ballistic data can be saved on the microSD memory card and applied individually according to the selected load – it's the fastest way to highest precision.

Benefits at a glance

— precise calculation of relevant shooting distance, holdover and click adjustment under consideration of temperature, barometric pressure and angle

— microSD card slot for custom ballistic data input: highest precision and easy handling

— extremely fast scan mode: measuring results every 0.5 seconds – ideal for running game

— precise measurement results in decimal figures up to a distance of 200 m / 200 yds

— new, illuminated LED display with enhanced symbols offering a better overview

Three good reasons for the Geovid.

1. One microSD card per calibre

With the microSD card, users can import individual parameters to their rangefinder. Using real, custom ballistic data guarantees maximum precision.

2. Measurement range

The powerful laser rangefinder offers accuracy at up to 2,750 metres (3,000 yards).
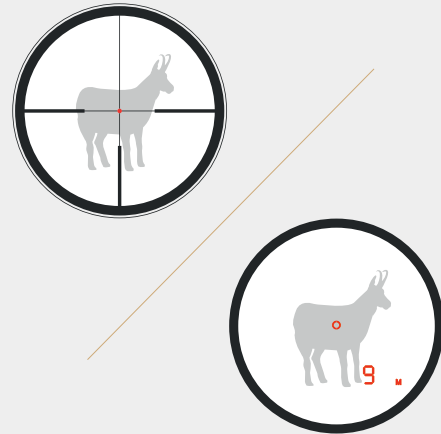

3. Extremely fast scan mode

The enhanced, extremely rapid scan mode displays the required measurements accurately, in decimal figures, up to a distance of 200 metres.
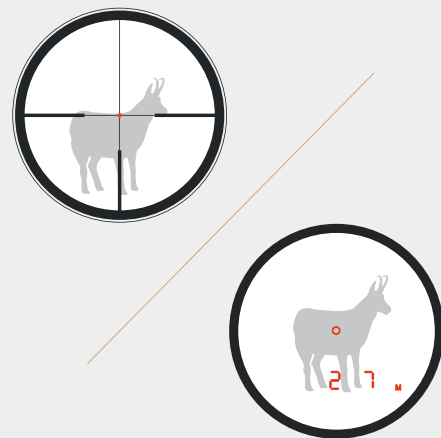
Three output formats for the accurate shot. Leica's ABC® ballistic system.

Regardless of the selected ballistic setting, barometric pressure, temperature and angle are always considered in calculating the point-of-impact correction, and are displayed if desired.
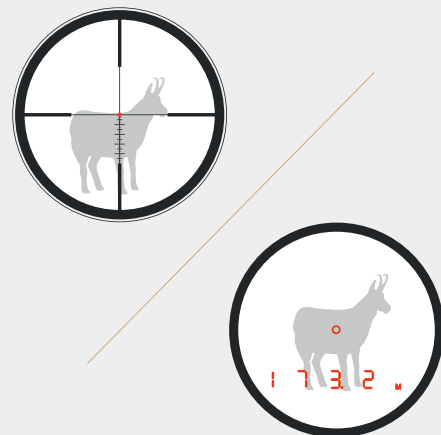
1. Reticle click adjustment

2. Point-of-aim correction in cm or inch

3. Relevant shooting distance (EHR)

The Leica ballistic system
in practice.

With highest precision to hunting success.

There are situations where hunters need physical fitness as well as special knowledge about exotic game species. Apart from that, they must have expertise in long-distance shots under severe environmental conditions. On my hunting trip to Nepal, my guide and I finally spotted a suitable animal after a long stalk – due to the long distance, the shooting conditions were more than difficult. At that moment, I made use of the ABC® ballistic system of my Leica Geovid HD-B 3000. At the press of a button, within fractions of a second, I obtain the relevant ballistic values for rapid reticle adjustment – precisely and easily. The user simply imports the custom calibre data into the Geovid HD-B 3000 with the help of the microSD card. Under consideration of distance, shooting angle, temperature and barometric pressure, the rangefinder then provides the necessary adjustment at the riflescope in clicks. Once pre-programmed with the help of a microSD card, the Leica rangefinder and the Leica riflescope can face any ballistic challenge.

When acting fast is essential.

On my way to the raised hide to hunt boar, I suddenly spot a roebuck in the distance stepping out of the dense undergrowth. This is the first time I spot this huge, unknown buck, but thanks to my Geovid HD-B I am able to identify it safely and determine the distance of 170 metres within fractions of a second. I don't have much time until the buck disappears again. Using point-of-aim correction, the Geovid HD-B gives me the necessary information within seconds. Using the nearest tree as a support, I hold over 15 cm above the buck's shoulder, take aim and shoot. A perfect shot. Without my Geovid HD-B, I would never have attempted to shoot a roebuck with my 9.3 x 62 calibre rifle and the heavy RWS-Evolution cartridge at such a long distance.
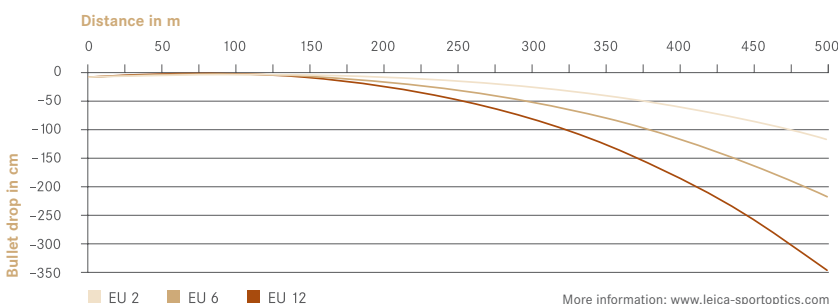
More flexibility.

Mountain hunters, in particular, are familiar with this situation: The group of chamois low on the opposite mountain slope and moving constantly. This is exactly what I experienced on my trip to the Pyrenees. On my first day, I already spotted a suitable buck in the group of chamois. The shooting distance was considerable but still manageable. But the shooting angle was rather steep and I didn't have much time until the buck would move out my sight. That's when I used my Geovid HD-R 2700 rangefinder. At the press of a button, it not only displayed the linear distance to the buck, but also calculated the effects of the declining angle shot. That way my rangefinder provided me with the information of the relevant shooting distance (EHR) to the buck. And all within fractions of a second. With the information on point-of-aim correction, all I had to do was to adjust my riflescope accordingly. As I had already fixed the direct-dial rings for my calibre to the rapid reticle adjustment of my riflescope, I was able to make the correction quickly, and a safe shot.

Precision – safety – speed.

Rangefinder	Data output	Data input via	Correction via
	Click adjustment	microSD card (custom ballistic data), one-time programming via Leica online ballistic calculator, or selection of a pre-programmed ballistic curve (EU 1 – EU 12)	Standard BDC click ring
Geovid HD-B 3000	Holdover	microSD card (custom ballistic data), one-time programming via Leica online ballistic calculator, or selection of a pre-programmed ballistic curve (EU 1 – EU 12)	Ballistic reticle
	EHR (relevant shooting distance)		BDC with EU 1 – EU 12 ring
Geovid HD-R 2700	EHR (relevant shooting distance)		BDC with EU 1 – EU 12 ring

Direct-dial rings for maximum precision.

LEICA BDC direct-dial ring EU 2

For example:
— Calibre .270 Win.
— Cartridge RWS
— EVO green, 96 grain

Precision for the long-distance shot:
Rapid reticle adjustment with individual direct-dial rings.

Distance in m

Bullet drop in cm

EU 2   EU 6   EU 12

More information: www.leica-sportoptics.com

Geovid HD-R 2700.
Measure, adjust, make the shot.

For sharp,
high-contrast images.

For moments when precision counts.

The Leica Geovid HD-R 2700 combines ergonomic design with pin-sharp, high-contrast optics and reliable rangefinding.

Intuitive handling is guaranteed, as the output of the true ballistic range (EHR) doesn't require any prior programming. In steep terrain, the output of the angle-compensated shooting distance provides hunters with more safety and flexibility. Along with linear distance and angle, the algorithm developed by Leica always takes into account a realistic ballistic curve. The result is a highly precise calculation of the relevant shooting distance at a distance of up to 1,100 metres / 1,200 yards.

Thanks to patented Pergor-Porro prisms, optimised coatings and the unique Leica baffle system, the Leica Geovid HD-R 2700 achieves maximum values in contrast, transmission and ambient light suppression – for maximum performance well into dusk.

Benefits at a glance

— integrated laser rangefinder with a range of up to 2,500 m
— output of relevant shooting distance (EHR) of up to 1,100 m at the press of a button
— barometric pressure, temperature sensors and angle measurement for enhanced precision
— Perger-Porro prism system for extremely bright, high-contrast image with unique plasticity (three-dimensionality); efficient false-light suppression eliminates reflections
— secure grip thanks to non-slip rubber armouring, maximum shock resistance
— water and dirt-repellent AquaDura® coating
— nitrogen filling prevents internal fogging
— guaranteed reliability from +55 °C to –25 °C, waterproof up to 5 m

Three good reasons
for the Geovid.

1. Precision

Easy, precise calculation of the relevant shooting distance (EHR) at up to 1,100 metres, at the press of a button.
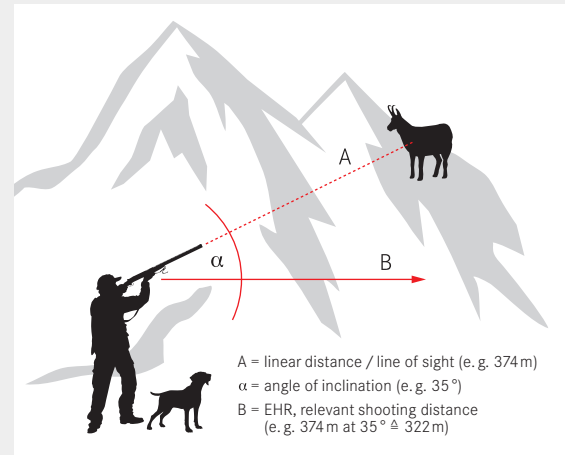

2. Enormous range

The integrated, powerful laser rangefinder allows distance determination of up to 2,500 metres.

3. Short measuring times

The enhanced, extremely fast scan mode displays the required measuring results precisely, within fractions of a second.

Precise measuring with relevant shooting distance (EHR = equivalent horizontal range).

A = linear distance / line of sight (e. g. 374 m)
α = angle of inclination (e. g. 35°)
B = EHR, relevant shooting distance (e. g. 374 m at 35° ≙ 322 m)

At angle shots within a range of 10 to 1,100 metres the ballistic function (EHR) calculates the relevant shooting distance from the hunter to the targeted animal. Along with linear distance and angle, the algorithm developed by Leica always takes into account arealistic ballistic curve. It also includes barometric pressure and temperature – for fast, precise and easy calculation of the right point of aim in the mountains.

Rangemaster 2700-B.
A true all-rounder.

Crucial information for
a safe and precise shot.

Fast and precise.

With its range of 2,500 metres / 2,700 yards and its high-precision laser at close range, the Leica Rangemaster CRF 2700-B sets a new standard among compact laser rangefinders. For the first time, it features a microSD card slot for custom ballistic data. The data are produced once for each load and calibre with the Leica ballistic calculator. They are then saved on a microSD card and can be uploaded to the Rangemaster CRF 2700-B – without further programming. The newly designed LED display shows the measured data in decimal figures even more clearly at a glance. The extremely fast scan mode of under 0.5 seconds, in combination with its compact design, makes the new Leica Rangemaster CRF 2700-B the specialist among the all-rounders.

Benefits at a glance

— output of relevant shooting distance (EHR) under consideration of barometric pressure and temperature

— holdover/point-of-aim display under consideration of barometric pressure and temperature

— number of clicks (click adjustment, BDC) under consideration of barometric pressure and temperature

— integrated microSD card, allowing users to import custom ballistic data and to read out measurements in a format of their choice

Technical data.
Geovid and Rangemaster.

Rangefinder	Leica Geovid HD-B 3000	Leica Geovid HD-R 2700	Rangemaster 2700-B
Models	8 x 42, 10 x 42, 8 x 56	8 x 42, 10 x 42, 8 x 56	
Use of own ballistic data with microSD card	yes	no	yes
Output "holdover"	yes	no	yes
Output "click adjustment"	yes	no	yes
Output "relevant shooting distance"	10 m up to 1,100 m	10 m up to 1,100 m	10 m up to 1,100 m
Max. range	2,750 m / 3,000 yds	2,500 m / 2,700 yds	2,500 m / 2,700 yds
Max. measuring time	0.3 s	0.3 s	0.3 s
Open Ergonomic Bridge	yes	yes	no
Perger-Porro prism system	yes	yes	no
Magnesium housing	yes	yes	no
Barometric pressure sensor	yes	yes	yes
Temperature sensor	yes	yes	yes
Angle sensor	yes	yes	yes
ABC® ballistic system	yes	no	yes