



Press release

Triple top performance in optics, ballistics, and rangefinding: Leica Geovid Pro 42 and 56

Three new rangefinder binoculars in the Leica Geovid Pro series expand Leica's premium portfolio. The universal models Leica Geovid Pro 8x42 and 10x42 and the expert for difficult light conditions, the Leica Geovid Pro 8x56, complement the compact daylight specialists Leica Geovid Pro 8x32 and 10x32. This completes the family of superlative Leica laser binoculars drawing on 30 years of experience. Quality, precision, and speed are united with full connectivity via smartphone and the Leica Ballistics App.

Wetzlar, Germany. December 5, 2022. Leica completes the model series of the revolutionary rangefinder binoculars, the leading pioneer Leica Geovid Pro 32. The Leica Geovid Pro 8x42 offers extra image stability and field of view, while the Leica Geovid Pro 10x42 is suitable for almost any task needing higher magnification. And the Leica Geovid Pro 8x56, a twilight specialist, can be even used in extreme situations and poor weather conditions. The outstanding features of the Leica Geovid Pro models result from their perfectly matched, unrivaled combination of optical quality, unique ergonomic design, highly accurate ballistics calculation, and the fastest reliable measurements. All of these outstanding strengths together put the Leica Geovid Pro models at the top of their class.

The ultimate in high-end optics

The compact, lightweight Leica Geovid Pro binoculars with 42-mm and 56-mm lens diameter offer a superlative level of optical performance previously only known in specialty binoculars without rangefinders. One reason for this high performance is the Perger-Porro prism system used exclusively by Leica. The Leica Geovid Pro 42 and 56 models can be used wherever exact reproduction of detail is required. Brilliant color, contrast, and image sharpness are indispensable, for example, when identifying animal species. With its high light transmission combined with a large field of view, the Leica Geovid Pro 42 and 56 can replace premium binoculars without compromise. The additional, unique ballistics features make for absolutely universal binoculars with unbeatable ballistic rangefinding – for all conceivable hunting and civilian uses.

The pinnacle of ballistics development

The Leica Geovid Pro 42 and 56 models employ the most advanced ballistics program, using a ballistics computer in the binoculars and the Leica Ballistics App in the smartphone. Binoculars and smartphone communicate via Bluetooth®. This way, settings (data configuration) selected in the app can be transferred to the binoculars (computer), and the binoculars can transfer measurement data to the app. Alternatively, instead of the app, a Kestrel® weather meter or a Garmin® smartwatch can be connected to the binoculars.

The Applied Ballistics Ultralight® software supplied with the binoculars offers a database of G1/G7 data and more than 740 factory ammunition cartridges. In addition, the extensive Leica database is available. The basic version of Applied Ballistics Ultralight® calculates trajectories and associated corrections for accurate hold up to 875 yards. An upgrade to the Applied Ballistics Elite® version is very easy to implement. This offers greater calculation distances as well as additional features. The Leica Geovid Pro 42 und 56 models enable accurate shots over short, medium, and long distances. Special requirements can be met by entering wind direction and wind speed. Accuracy of +/- 0.5 yds at distances of up to 200 yds provides the results that especially bow hunters require.

Rangefinding expertise in a nutshell

The laser rangefinder built into the Leica Geovid Pro 42 and 56 draws on 30 years of Leica Sport Optics research and development. By measuring the travel time of a laser beam emitted and reflected at the speed of light, the distance to the target is calculated within minimal tolerances. A single measurement takes only 0.3 seconds, making it suitable even if time is of the essence. The sophisticated Leica laser measurement technology is highly accurate and reliable. The laser in the Leica Geovid Pro 42 and 56 models is safely and durably installed. At close range, objects like blades of grass and branches are masked out to prevent incorrect measurements. At greater distances, the secondary target logic ensures that only the desired object is measured.

Tracking assistance to targets with LPT™ (Leica ProTrack)

In addition to the rangefinder, the Leica Geovid Pro 42 and 56 models also have a built-in compass. In conjunction with the ballistics calculator, the binoculars can thus determine geographical positions in the terrain. With GPS tracking, the coordinates of the last five distance measurements are automatically stored and can be accessed for navigation. Thus, the Leica Geovid Pro 42 and 56 are able to guide hunters safely to the target or to another previously-measured point in the field. This is done via the smartphone display, using a simple compass needle or terrain maps. With the compass needle, the direction of travel can be clearly determined. In Google Maps®, the target point is set by a pin, and the

BaseMap® app can also be used for tracking. The hunter can even see the position of the target embedded in a graphical terrain. This makes the approach easy and safe, even under challenging conditions. With this GPS tracker function, named LPT™ (Leica ProTrack), Leica addresses the need for a tool to quickly and ethically locate shot game.

Ergonomics for a reliable grip

An open bridge design makes the Leica Geovid Pro models 42 and 56 very easy to grip. This allows the binoculars to be held with one hand, firmly yet relaxed. Even prolonged observation is possible without fatigue. The number of controls is kept to a minimum and the buttons are placed within easy reach. The Leica Geovid Pro 42 and 56 can be easily operated with gloves, as well. The gently curved design, compact overall dimensions, and relatively low weight make the Leica Geovid Pro 42 and 56 models ideal companions for stalking as well as for the raised hide.

Practically unlimited applications

Thanks to their convenient shape, precise rangefinding, and top optical performance – comparable to premium binoculars without rangefinders – the Leica Geovid Pro 42 and 56 models are truly universal. Especially when stalking and in the raised hide, hunters can rely on top performance under all conditions. The precise ballistics calculation and the rapid rangefinder ensure hunting success at home and abroad. The larger Leica Geovid Pro models 42 and 56 are particularly valuable at dusk. With them, hunters are optimally prepared for any hunting situation, anywhere in the world. The high light transmission and exceptional contrast are unprecedented in Leica laser binoculars of this class. In complete darkness, the Leica Calnox thermal cameras tie in and, together with the Leica Geovid Pro 42 or 56, form an unbeatable duo for unrestricted 24-hour observation at the very highest level.

Benefits of the Leica Geovid Pro 42 and 56 models – at a glance

- + laser rangefinder binoculars with unique ergonomic design
- + easy-grip construction with an open bridge
- + outstanding ease of use
- + elegant design
- + exact rangefinding up to 2950 meters
- + measuring accuracy +/- 0.5 m at 10–200 m
- + time needed per measurement: 0.3 seconds
- + premium ballistics calculator in Leica Ballistics App and in the binoculars
- + binoculars and app are linked via Bluetooth®

- + a Kestrel® weather meter can be integrated
- + different profiles can be created (e.g. also for bow hunters)
- + localization of measured points in the terrain
- + tracking via BaseMap®, Google Maps®, compass
- + high light transmission
- + exceptional color fidelity, extremely high-contrast image
- + unique performance thanks to Perger-Porro prisms
- + large field of view for maximum overview
- + comprehensive customer service

Recommended retail price (RRP) for the Leica Geovid Pro 42 and 56 models

Leica Geovid Pro 8x42: 3300 euros (3299 dollars)

Leica Geovid Pro 10x42: 3300 euros (3299 dollars)

Leica Geovid Pro 8x56: 3500 euros (3599 dollars)

The delivery start for the new Leica Geovid Pro models is April 2023.

Note for journalists

Image material for download: <https://extranet.leica-camera.com/s/rXLPSkjNyYbm86r>

For more information

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Technical data

Binoculars

Leica Geovid Pro 8x42 / 10x42 / 8x56

Lens diameter	42 mm / 42 mm / 56 mm
Magnification	8x / 10x / 8x
Field of view at 1,000 m	130 m (405 ft) / 114 m (342 ft) / 118 m (387 ft)
Exit pupil	5.25 mm / 4.2 mm / 6.9 mm
Diopter compensation	+/- 4 dpt
Lens coating	Aquadura [®] , HDC [®]
Light transmission	> 91%
Laser	Class 1 laser (eye-safe as per EN, FDA)
Measurement range	2,950 m (approx. 3,200 yds)
Sensors	air pressure, temperature, angle, compass
Displayed values	Range, EHR, holdover, number of clicks, units
Tracking	Compass, Google Maps [®] , BaseMap [®] (App), LPT [™] (Leica ProTrack)
Ballistics calculator	Leica Ballistics App for smartphone, integrated in binoculars
Ballistics software	Applied Ballistics Ultralight [®] (Bluetooth [®]) / upgrades
External devices	Kestrel [®] 5700 (Bluetooth [®]), Garmin tactix [®] Delta, Foretrex 701
Special programs	Correction of wind direction, wind speed
Dimensions	125 x 178 x 70 mm (4.9 x 7 x 2.8 in) / 125 x 174 x 70 mm (4.9 x 6.9 x 2.8 in) / 153 x 187 x 90 mm (6.02 x 7.36 x 3.54 in)
Weight without battery	1,000 g / 970 g / 1,195 g (approx. 35.6 oz / 34.5 oz / 42.5 oz)
Housing	Magnesium, nitrogen-filled
Battery	1 x 3 V / Lithium type CR2
Scope of delivery	Carrying strap, protective caps, case, battery

Order no.

Leica Geovid Pro 8x42	40815
Leica Geovid Pro 10x42	40816
Leica Geovid Pro 8x56	40817

A BRIEF HISTORY OF LEICA SPORT OPTICS BINOCULARS

30 years of Leica rangefinders – from pioneer to market leader

In 1907, when “Optische Werke Ernst Leitz” in Wetzlar launched its first binoculars, probably no one in the company, previously specialized in microscopes, could imagine a future model with electronic inner workings. Ernst Leitz II was not only a photographer, but above all a passionate hunter. Thus, after the first Binocle 6x18, more innovations quickly followed. 1956 brought the Amplivid wide-angle binoculars with a 212-meter field of view at 1000 meters – a popular collector’s item today. Two years later, the first Trinovid went into production. These binoculars featured a slim design and internal focusing. What’s more, they were waterproof.

The binocular division repeatedly set milestones. After the development of many hunting and military binoculars, a monocular based on a weight-reduced Trinovid was used for the Apollo 11 moon landing in 1969. This was both an honor and a confirmation for Leitz. Following three generations of Trinovid binoculars, the Ultravid series was developed in 2003. The glass used for the High Definition (HD) lenses is particularly time-consuming to process. Color defects are minimized, making the image even more lifelike and brilliant.

The real revolution in Leica binoculars, however, was the combination of optics and electronics. A glass that offers more than “only” perfect observation would have been a dream for the hunter Ernst Leitz II. As the Geovid series began to be developed, this dream came within reach. But nothing comparable existed anywhere in the world, and so the Leica engineers had to courageously break new ground. The goal: Binoculars that would calculate “distance to target” at the push of a button.

Ernst Leitz’s dream of accurate rangefinding did become a reality, generations later – with the Geovid binoculars. This is now some 30 years ago. The still relatively bulky Geovid BD binoculars were followed by the monoculars of the LRF series. The further developed Geovid BRF models and the HD versions, as well as the CRF monoculars, represent perfected designs for hunting practice – under adverse light conditions as well as for stalking, alpine hunts, and hunting trips.

Leica’s Geovid.COM models ushered in the era of digitally-networked binoculars. Now the binoculars communicated with computers and could be configured for even more specialized tasks. The topics of ballistics and shot correction moved to the fore. Today, Leica Sport Optics offers a complete product range: from compact monocular rangefinders to binoculars of various lens diameters for multifunctional use.

The Leica Geovid Pro series with its models 32, 42, and 56 sets a new benchmark, drawing on all of Leica’s innovations and experience: well over 100 years of developing binoculars and around 30 years of laser rangefinding. It’s the ergonomically perfected combination of precise mechanics, high-performance optics, optoelectronics, and digital technology.