



Rangefinding.

Always one step ahead. It's a Leica tradition.



It all began with the idea ...

... of integrating a laser rangefinder into high-performance binoculars. Nothing comparable had ever been produced, and this was uncharted territory for the Leica engineers who embarked on the project in 1992. The results were groundbreaking: the launch of the Geovid proved Leica as a true pioneer of innovative sport optics.

Our passion for hunting drove us to constantly improve these technologies and remain as the leader in range-finding. The Geovid was followed by a suite of new Leica devices for distance measurement. Each one proved to be precise, robust, durable and perfectly matched to the needs of demanding hunters.

In keeping with our tradition of perpetual innovation, we are delighted to present another groundbreaking new development, once again raising the bar in laser range-finding. Our unique, new ballistics system, featured in two remarkable products, allows you to measure distance and prepare your shot with maximum precision and minimal effort. For every type of hunting.

Join us in the following pages on an expedition in the Grossarl Valley in Austria. See our products in action – in challenging, real-world conditions – and discover why our rangefinders continue to win recognition as indispensable tools for a successful, expert hunt.

Your Leica Sport Optics Team

Contents

About us

| | |
|--------------------|----|
| — History | 04 |
| — Product overview | 06 |
| — Welcome | 08 |

Rangefinder products

| | |
|--------------------------|----|
| — ABC® ballistics system | 12 |
| — Geovid HD-B 42 | 14 |
| — Geovid HD 42 | 20 |
| — Geovid HD 56 | 24 |
| — Rangemaster CRF 1600-B | 32 |
| — Rangemaster CRF 1000-R | 40 |

Other products

| | |
|----------------------|----|
| — Leica Sport Optics | 48 |
|----------------------|----|

For us, progress means ...

... never standing still. Instead, we apply our expertise, experience and enthusiasm to developing better products, new ideas and innovative solutions.

Each one of our rangefinders reflects our philosophy: non-stop innovation is the key to making technology more intelligent and more useful. Our designers are always working on new ways to achieve even better optics, more robust mechanics and even more intuitive controls. Because we know that's the best way to create high-precision devices that enable our customers to fully experience those once-in-a-lifetime moments.

- **1992**
Introduction of the world's first binoculars with an integrated rangefinder: the Geovid 7x42. It measures distances up to a maximum of around 1,000 m and has a built-in compass.
- **2000**
The Rangemaster LRF 800 is the first monocular rangefinder to enter the market. Its outstanding optical quality and compact design ensure it becomes an instant classic.
- **2002**
Leica launches two new products: the even more powerful Rangemaster LRF 1200, which measures up to 1,100 m, and the Pinmaster, a rangefinder developed especially for golf, which uses first-target logic to measure the distance to the next pin.
- **2003**
The Rangemaster LRF 900 scan and the LRF 1200 scan offer a new scanning feature that delivers constantly updated measurements whenever the release button is held down.
- **2004**
The Geovid 8 x 42 BRF and 10 x 42 BRF models are still the most compact and easy-to-use binoculars with integrated rangefinders on the market today.
- **2005**
The fast, bright Geovid 8 x 56 BRF and 15 x 56 BRF models are the lightest, most compact rangefinder binoculars in their respective classes.

- **2006**
Launch of the remarkably compact and ergonomic Rangemaster CRF 900 and CRF 1200. Both are held vertically, making them the first rangefinders that can be used equally comfortably by left-handers and right-handers.
- **2009**
The Geovid HD range is launched: fluoride lenses ensure maximum colour fidelity and contrast. The Rangemaster CRF 800 and new Pinmaster are launched.
- **2010**
Introduction of the Rangemaster CRF 1600, setting a new benchmark for performance, precision and reliability.
- **2011**
The Rangemaster CRF 1000 replaces the Rangemaster 800. With its greatly improved LED display and AquaDura® lens coating, it represents the ideal introduction to the premium segment.
- **2012**
An unprecedented level of accuracy becomes possible with the launch of the Rangemaster CRF 1600-B, a high-performance rangefinder with a market-leading intelligent ballistics system.
- **2013**
A revolution in sport optics: the Geovid 8 x 42 HD-B and Geovid 10 x 42 HD-B rangefinder binoculars boast a unique ballistics system and an integrated microSD card slot. For every level of expertise, every type of hunting and every situation, they guarantee maximum precision and maximum flexibility.

Thanks to its integrated basic ballistics feature, the Rangemaster CRF 1000-R wins a place on the must-have list for successful hunting in mountainous terrain.

Our rangefinders. From 1992 to today.



2013: LEICA GEOVID 8x42 HD-B



2013: LEICA GEOVID 10x42 HD-B



2009: LEICA GEOVID 8x42 HD



2009: LEICA GEOVID 8x56 HD



2009: LEICA GEOVID 15x56 HD



2009: LEICA GEOVID 10x42 HD



2005: LEICA GEOVID 8x56 BRF



2005: LEICA GEOVID 15x56 BRF



2004: LEICA GEOVID 8x42 BRF



2004: LEICA GEOVID 10x42 BRF



1992: LEICA GEOVID 7x42 BDA



1992: LEICA GEOVID 7x42 BD



2013: LEICA RANGEMASTER CRF 1000-R



2012: LEICA RANGEMASTER CRF 1600-B



2011: LEICA RANGEMASTER CRF 1000



2011: LEICA PINMASTER II



2010: LEICA RANGEMASTER CRF 1600



2009: LEICA RANGEMASTER CRF 800



2009: LEICA PINMASTER



2006: LEICA RANGEMASTER CRF 900



2006: LEICA RANGEMASTER CRF 1200



2003: LEICA RANGEMASTER LRF 1200 SCAN



2003: LEICA RANGEMASTER LRF 900 SCAN



2002: LEICA RANGEMASTER LRF 1200



2002: LEICA PINMASTER



2000: LEICA RANGEMASTER LRF 800



Rising up into the clouds ...

... the magnificent mountains of Austria's Grossarl Valley glow in the morning sun. Invigorating mountain air, lush green meadows and rugged cliffs give the region its distinctive character.

The 'Valley of the Alms' rolls down from the entrance of the Hohe Tauern National Park, 70 kilometres south of Salzburg, Austria. Throughout the year, this remarkable landscape attracts ardent sportsmen and women with the promise of challenging mountain hunting. Within the dense pine forests wait chamois, deer and grouse, while marmots burrow beyond the treeline.

Successful hunting demands the help of a reliable rangefinder. You need precise measurements that you can count on without question, whatever demands and challenges you face. Leica Sport Optics creates rangefinders you can trust. They are perfectly matched to the needs of discerning hunters like you: robust and durable, they're always ready to go to work. That's why Leica Sport Optics rangefinders have been part of successful mountain hunts for more than 20 years.

WELCOME





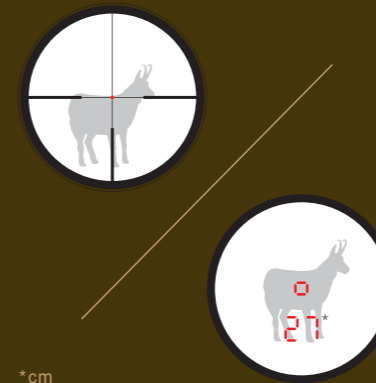
It's still early on this autumn morning in October, the air is cold and damp. It rained last night and the first snowflakes fell. Max, the experienced stalking leader and Thomas, a hunter from the town of Erding in Bavaria, travel up to the hunting ground. They're accompanied by their reliable companion, Elli the Labrador. She's full of energy, but is always alert and ready to obey.



The new ABC[®] ballistics system. A revolution in rangefinding.

ABC[®] – Advanced Ballistic Compensation

Tailored to the individual needs of the hunter, ABC[®] offers three ballistic applications to choose from:

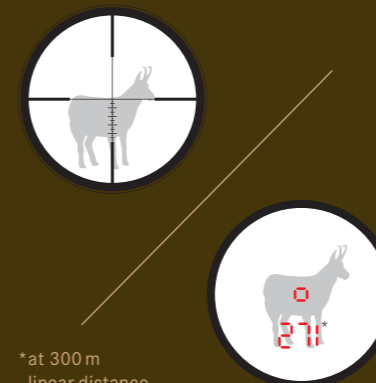


* cm

Application 1

If you use a classic hunting reticle, the point-of-impact correction is calculated on the basis of the holdover value. So in addition to the range to your target, you are given the elevation above the target – in inches or centimetres – to compensate for bullet trajectory. As the value is always calculated in relation to your target, you always know exactly how much higher you need to aim.

Geovid 8 x 42 HD-B, Geovid 10 x 42 HD-B, CRF 1600-B

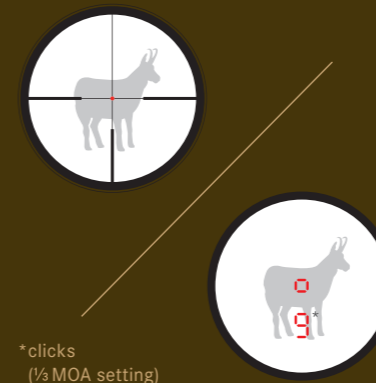


* at 300 m
linear distance

Application 2

When using a reticle or turret in which each graduation represents a specific distance, a precise reading of the horizontal distance is critical to a successful shot. This information is at your fingertips – and of course, as with all other applications, with automatic consideration of the incline, temperature and air pressure.

Geovid 8 x 42 HD-B, Geovid 10 x 42 HD-B, CRF 1600-B, CRF 1000-R
(temperature and air pressure adjustment not included)



* clicks
(1/3 MOA setting)

Application 3

If you use a Minutes of Angle (MOA) or mil graduated turret to dial for correction, you can determine the number of clicks needed to properly adjust the point of impact.

Select from five settings:

1 MOA, 1/3 MOA, 1/4 MOA, 10 mm/100 m or 5 mm/100 m

Geovid 8 x 42 HD-B, Geovid 10 x 42 HD-B, CRF 1600-B

Developed by Leica, the unique Advanced Ballistic Compensation (ABC[®]) system performs with unequalled precision. ABC[®] gives hunters maximum precision plus maximum flexibility. It calculates the holdover value with unmatched precision and speed, then displays it in the format that you want. Thanks to this revolutionary technology, you can confidently prepare a clean, safe shot every time – even over longer distances.

There are three different display formats to choose from, so you can select the format most relevant to the equipment you're using, your individual hunting style and the field environment. ABC[®] calculates your chosen values with extreme precision, automatically adjusting for temperature, atmospheric pressure and angle of incline. If you wish, you can see these parameters individually, at the touch of a button.

Despite its sophistication, the system is very easy to use. This new generation of rangefinding technology will fascinate every passionate hunter. Experience it in the new Geovid HD-B 42 models and the Rangemaster CRF 1600-B.

NEW!

Geovid HD-B 42.

Supreme precision, extraordinary reliability and effortless ergonomics.

For 20 years, Leica has made history in the world of rangefinding. Our engineers have succeeded in developing remarkable new technologies, and once again, our latest development breaks new ground: the Geovid HD-B. These rangefinding binoculars feature the superior new ABC® ballistic system plus an additional microSD card reader. The ergonomic design offers innovative elegance and tangible comfort. The Geovid HD-B represents a revolution in rangefinding: maximum flexibility and unmatched precision at remarkable distances.

An innovation in rangefinder binoculars, the integrated microSD card reader lets you program the specific ballistic data for your rifle – such as calibre, ammunition and loading – so that your weapon and binoculars function in perfect harmony. Determining the point of impact is easier, safer and more accurate than ever before. The display is user-friendly, clear and most importantly customisable. The ABC® system can calculate results for three different correction formats, so you're ready for any hunting situation. Whichever you choose, the temperature, air pressure and angle of inclination are automatically considered in the calculation. You can also view these readings individually at the simple touch of a button.



Models:
LEICA GEOVID 8 x 42 HD-B,
LEICA GEOVID 10 x 42 HD-B (pictured)



The trail leads through a small valley that widens into a large canyon. Alpine pastures stretch out from the entrance. The higher they climb, the narrower the path becomes. The spruce and larch forest offers protection and food for the animals, and refuge from predators and inclement weather.

Geovid HD-B 42.

Unequaled technological and optical performance.

Ballistics at the highest level – precise and individualised

The ABC® ballistics system is a remarkable innovation. It makes calculating terminal-point correction values easier than ever. The ballistics program processes all the relevant ballistics information in a split second. With just a single press of a button, it delivers the exact point-of-impact correction in the format you desire – perfect for all types of equipment, every hunting style and any hunting situation. No other rangefinder can offer this level of functionality.

microSD card – for maximum precision

Extremely easy to use, this feature offers valuable benefits. Simply calculate the ballistic curve by using the online tool: just enter the calibre, load and zeroing range of your ammunition. This can now be saved onto the microSD card and uploaded into your Geovid HD-B. And that's it – you can immediately prepare your shot, with no additional programming needed after rangefinding. Even unusual calibres or loads present no problem.

Ergonomic design – for effortless observation

The newly designed open ergonomic bridge sets new standards in ergonomics as well as design. Your hands grasp the device naturally, without the need to hold your wrist at an angle. The curved housing sits in your palm so comfortably that using the controls is entirely intuitive. Even over extended periods of motionless observation, you remain comfortable and don't feel fatigued.

Two-button operation:

ideal ergonomic layout – easy to use for left-handers

Open ergonomic bridge:

completely redesigned curved bridge ensures the binoculars can be held naturally, making prolonged observation more comfortable

Magnesium housing:

lightweight for fatigue-free observation, yet tough enough to handle harsh conditions

LED display:

data is clear and easy to read – with tolerance for deviations from the optical axis

ABC® ballistics systems:

maximum precision and customisation – for every type of equipment and hunting situation (refer to pages 12/13)



Outstanding optical performance:

very high contrast and remarkable detail even in challenging light conditions; reflections eliminated thanks to efficient stray-light suppression

microSD card:

enhanced accuracy thanks to individualised ballistic data – no extra programming required, simply insert and start

Perger Porro-System:

new prism design offers extremely bright, high-contrast image with unique three-dimensionality – for an unrivalled viewing experience

AquaDura®:

water and dirt repellent lens coating ensures clarity and makes lenses easier to clean

Range:

accurate results up to 1,830 m – this unprecedented measuring distance opens up completely new possibilities for orientation in unknown territory

Technical data.

| Rangefinder | Leica Geovid 8 x 42 HD-B | Leica Geovid 10 x 42 HD-B |
|-----------------------------------|--|--|
| Order no. | 40 047 | 40 049 |
| Package includes | contoured neoprene carrying strap, front lens caps, eyepiece caps, Cordura case | contoured neoprene carrying strap, front lens caps, eyepiece caps, Cordura case |
| Magnification | 8 x | 10 x |
| Front lens diameter | 42 mm | 42 mm |
| Exit pupil | 5.2 mm | 4.2 mm |
| Twilight factor | 18.3 | 20.5 |
| Field of view at 1,000 yds/m | 426 ft / 130 m | 374 ft / 114 m |
| Close focus range | 16.5 ft / 5 m | 16.5 ft / 5 m |
| Dioptre compensation | ± 4 dpt | ± 4 dpt |
| Distance measurement: Range | 10 yds / 10 m to approx. 2,000 yds / 1,825 m | 10 yds / 10 m to approx. 2,000 yds / 1,825 m |
| Measuring accuracy | ± 1 yd/m to 547 yds/500 m, ± 2 yds/m to 1,094 yds / 1,000 m, ± 0.5% beyond 1,094 yds / 1,000 m | ± 1 yd/m to 547 yds/500 m, ± 2 yds/m to 1,094 yds / 1,000 m, ± 0.5% beyond 1,094 yds / 1,000 m |
| Display | LED display with 4 characters and ambient-light-controlled brightness | LED display with 4 characters and ambient-light-controlled brightness |
| Eyecup with twist-and-pull action | yes, detachable, with 4 click-stops | yes, detachable, with 4 click-stops |
| Eyepieces for eyeglass wearers | yes | yes |
| Focusing | internal focusing with center focusing barrel | internal focusing with center focusing barrel |
| Prism system | Perger Porro-System | Perger Porro-System |
| Coating | HDC® multicoating, AquaDura® lens coating | HDC® multicoating, AquaDura® lens coating |
| Waterproof | waterproof to 16.5 ft / 5 m | waterproof to 16.5 ft / 5 m |
| Body | magnesium | magnesium |
| Dimensions (W x H x D) | 4.9 x 7 x 2.8 in / 125 x 178 x 70 mm | 4.9 x 6.9 x 2.8 in / 125 x 174 x 70 mm |
| Weight | approx. 34.3 oz / 975 g | approx. 34.5 oz / 980 g |
| Laser | eye-safe, invisible light laser compliant with EN and FDA Class 1 | eye-safe, invisible light laser compliant with EN and FDA Class 1 |
| Measuring mode | scan mode, single measurement | scan mode, single measurement |
| Ballistic system | yes, equivalent horizontal distance, point-of-impact correction (holdover), click/MOA adjustment | yes, equivalent horizontal distance, point-of-impact correction (holdover), click/MOA adjustment |
| Power supply | 1 x 3V/CR2 lithium button cell | 1 x 3V/CR2 lithium button cell |
| Battery life | approx. 2,000 measurements at 68 °F / 20 °C | approx. 2,000 measurements at 68 °F / 20 °C |
| Accessories | tripod adapter (42 220), floating carrying strap (42 163) | tripod adapter (42 220), floating carrying strap (42 163) |



They pause on the hillside to assess the conditions. Is the fog going to clear? In the distance, the valley is almost entirely obscured. The white mountain peaks are completely hidden behind a thick cover of cloud.

Geovid HD 42.

Compact and universal.

Does the challenge of hunting in wild and rugged terrain fascinate you? Then you can count on the Geovid HD 42. Compact, light and perfect for precise ranging, they will quickly earn a permanent place in your hunting kit.

You'll enjoy their compact, lightweight construction, ensuring comfortable viewing, even when scanning for extended periods, and their time-tested Leica ruggedness. The Geovid HD 42 is designed for extreme conditions. Whether in a harsh environment or in bad weather conditions: the Geovid HD 42 will never let you down.

Both models come with a generous field of view, making them ideal for scanning wide areas. Thanks to the innovative fluoride lenses, they offer a crisp, three-dimensional image quality. The measuring distance ranges up to a distance of 1,300 m.



The benefits at a glance

- outstanding performance and reliability in all weather conditions
- built-in laser rangefinder with a range of up to 1,300 m
- generous field of view, excellent optical performance
- excellent stray-light suppression
- extremely easy to use
- water and dirt repellent AquaDura® lens coating
- robust aluminium housing for maximum impact resistance

Models:
LEICA GEOVID 8 x 42 HD,
LEICA GEOVID 10 x 42 HD (pictured)



A short rest by the stream; the water supplies are replenished. Autumn has flushed a lot of leaves into the stream. Nevertheless, the clear mountain water still tastes superb and is wonderfully refreshing.

Technical data.

| Rangefinder | Leica Geovid 8 x 42 HD | Leica Geovid 10 x 42 HD |
|--------------------------------------|--|--|
| Order no. | 40 036 (metre version) 40 037 (yard version) | 40 038 (metre version) 40 039 (yard version) |
| Package includes | contoured neoprene carrying strap, front lens caps, eyepiece caps, battery, Cordura case | contoured neoprene carrying strap, front lens caps, eyepiece caps, battery, Cordura case |
| Magnification | 8 x | 10 x |
| Front lens diameter | 42 mm | 42 mm |
| Exit pupil | 5.25 mm | 4.2 mm |
| Twilight factor | 18.3 | 20.5 |
| Field of view at 1,000 yds/m | 368 ft / 125 m | 331 ft / 110 m |
| Close focus range | approx. 18.4 ft / 5.6 m | approx. 18.4 ft / 5.6 m |
| Dioptrre compensation | ± 4 dpt | ± 4 dpt |
| Distance measurement: Range | 10 yds / 10 m to approx. 1,400 yds / 1,300 m | 10 yds / 10 m to approx. 1,400 yds / 1,300 m |
| Measuring accuracy | ± 1 yd / m to 382 yds / 350 m ± 2 yds / m to 766 yds / 700 m ± 0.5% beyond 766 yds / 700 m | ± 1 yd / m to 382 yds / 350 m ± 2 yds / m to 766 yds / 700 m ± 0.5% beyond 766 yds / 700 m |
| Display | LED display with 4 characters and ambient-light-controlled brightness | LED display with 4 characters and ambient-light-controlled brightness |
| Eyecup with twist-and-pull action | yes, detachable, with 2 click-stops | yes, detachable, with 2 click-stops |
| Eyepieces for eyeglass wearers | yes | yes |
| Focusing | internal focusing with center focusing barrel | internal focusing with center focusing barrel |
| Coating | HDC® multicoating, AquaDura® lens coating | HDC® multicoating, AquaDura® lens coating |
| Waterproof | waterproof to 16.5 ft / 5 m | waterproof to 16.5 ft / 5 m |
| Body | aluminium, nitrogen-filled | aluminium, nitrogen-filled |
| Dimensions (W x H x D) | 4.9 x 6.8 x 2.8 in / 125 x 173 x 70 mm | 4.9 x 6.6 x 2.8 in / 125 x 168 x 70 mm |
| Weight | approx. 33.5 oz / 950 g incl. battery | approx. 33.3 oz / 945 g incl. battery |
| Laser | eye-safe, invisible light laser compliant with EN and FDA Class 1 | eye-safe, invisible light laser compliant with EN and FDA Class 1 |
| Measuring mode | scan mode, single measurement | scan mode, single measurement |
| Ballistic system | no | no |
| Power supply | 1 x 3V / CR2 lithium button cell | 1 x 3V / CR2 lithium button cell |
| Battery life | approx. 2,000 measurements at 68°F / 20°C | approx. 2,000 measurements at 68°F / 20°C |
| Accessories | tripod adapter (42 220), floating carrying strap (42 163) | tripod adapter (42 220), floating carrying strap (42 163) |



Elli is not thinking about refreshment.
Full of expectation, she stands on a
slope – ready for the imminent hunt.

Geovid HD 56. Bright and balanced.

Among discerning hunters, the Geovid HD 56 is the unrivalled classic in rangefinding binoculars. Because of their impressive light intensity, three-dimensional, highly detailed image quality and large exit pupil, they are particularly suitable for use at dawn and dusk. Even in low light, you can identify your target clearly and safely prepare your shot.

Both models are comparatively compact and feature a shock-absorbing rubber coating, ensuring they sit comfortably and securely in your grip. The aluminium housing offers excellent impact protection.

The fluoride lenses of the Geovid HD 56 deliver amazing colour fidelity and supremely crisp contrast. The Geovid HD 56: remarkably precise, high-performance optics.



The benefits at a glance

- tailored to the needs of stand hunting, benchrest and long-range shooters (Geovid 15 x 56 HD)
- for maximum performance in low light conditions (Geovid 8 x 56 HD)
- built-in laser rangefinder with a range of up to 1,300 m
- compact, lightweight and ergonomic – for fatigue-free observation
- superior optics, wide field of view
- fluoride lenses for faultless image quality with maximum contrast

Models:
LEICA GEOVID 8 x 56 HD (pictured),
LEICA GEOVID 15 x 56 HD



The path upward is walled by rock on both sides. With every additional foot of altitude, the hunters' anticipation builds. The warning, rasping calls of a jay echo through the forest. Otherwise, it is surprisingly quiet.

Technical data.

| Rangefinder | Leica Geovid 8 x 56 HD | Leica Geovid 15 x 56 HD |
|--------------------------------------|--|--|
| Order no. | 40 041 (metre version) 40 042 (yard version) | 40 043 (metre version) 40 044 (yard version) |
| Package includes | contoured neoprene carrying strap, front lens caps, eyepiece caps, battery, Cordura case | contoured neoprene carrying strap, front lens caps, eyepiece caps, battery, Cordura case |
| Magnification | 8 x | 15 x |
| Front lens diameter | 56 mm | 56 mm |
| Exit pupil | 7 mm | 3.7 mm |
| Twilight factor | 21.2 | 28.2 |
| Field of view at 1,000 yds/m | 357 ft / 118 m | 225 ft / 75 m |
| Close focus range | approx. 18.4 ft / 5.6 m | approx. 19.4 ft / 5.9 m |
| Dioptrre compensation | ± 4 dpt | ± 4 dpt |
| Distance measurement: Range | 10 yds / 10 m to approx. 1,400 yds / 1,300 m | 10 yds / 10 m to approx. 1,400 yds / 1,300 m |
| Measuring accuracy | ± 1 yd / m to 382 yds / 350 m ± 2 yds / m to 766 yds / 700 m ± 0.5% beyond 766 yds / 700 m | ± 1 yd / m to 383 yds / 350 m ± 2 yds / m to 766 yds / 700 m ± 0.5% beyond 766 yds / 700 m |
| Display | LED display with 4 characters and ambient-light-controlled brightness | LED display with 4 characters and ambient-light-controlled brightness |
| Eyecup with twist-and-pull action | yes, detachable, with 2 click-stops | yes, detachable, with 2 click-stops |
| Eyepieces for eyeglass wearers | yes | yes |
| Focusing | internal focusing with center focusing barrel | internal focusing with center focusing barrel |
| Coating | HDC® multicoating, AquaDura® lens coating | HDC® multicoating, AquaDura® lens coating |
| Waterproof | waterproof to 16.5 ft / 5 m | waterproof to 16.5 ft / 5 m |
| Body | aluminium, nitrogen-filled | aluminium, nitrogen-filled |
| Dimensions (W x H x D) | 5.3 x 7.2 x 2.7 in / 135 x 182 x 68 mm | 5.3 x 8.3 x 2.8 in / 134 x 210 x 70 mm |
| Weight | approx. 38.8 oz / 1,100 g incl. battery | approx. 45.9 oz / 1,300 g incl. battery |
| Laser | eye-safe, invisible light laser compliant with EN and FDA Class 1 | eye-safe, invisible light laser compliant with EN and FDA Class 1 |
| Measuring mode | scan mode, single measurement | scan mode, single measurement |
| Ballistic system | no | no |
| Power supply | 1 x 3V / CR2 lithium button cell | 1 x 3V / CR2 lithium button cell |
| Battery life | approx. 2,000 measurements at 68° F / 20° C | approx. 2,000 measurements at 68° F / 20° C |
| Accessories | tripod adapter (42 220), floating carrying strap (42 163) | tripod adapter (42 220), floating carrying strap (42 163) |



By now, the bright blue sky arches over the mountains and it has become much warmer. The snowy peaks on one side and the clear view of the valley on the other side are breathtaking.



At around 1,200 metres, a brief pause. The air smells of snow. On the steep slope, the first small group of chamois can be seen. But after a few moments, they disappear back behind the rocky wall. Just 400 more metres until the men can stop for lunch.





A midday meal at 1,600 metres above sea level. In the history of the village, it is said that this unpretentious, rustic mountain cabin is over 400 years old. A perfect starting point for the hunt. A final discussion of their plans. Well refreshed, they head towards the towering cliff face.



Rangemaster CRF 1600-B.

Absolute precision on every hunt.

The CRF 1600-B is the next generation of our proven CRF 1600 rangefinder and represents a new level of technological sophistication. Whether you're in the mountains or on a rugged plain – when accurate distance measurement is key, the CRF 1600-B gives you all the data that you need for a sure shot. And always with unprecedented precision.

Every aspect of the integrated ABC® ballistics system is intelligently functional. Tailored to your individual demands and specific hunting situation, you can choose between three ballistic applications. In all three options, the system automatically accounts for measurements for the angle of inclination, temperature and air pressure, for a precise impact-point correction.

The CRF 1600-B is extremely easy to use: regardless of weather, light and visibility conditions, it is ready for use anytime. And thanks to its excellent optics, it delivers a brilliant and clear image – even over long distances.



LEICA
RANGEMASTER
CRF 1600-B



The ascent is arduous. It's slippery. Water drips constantly from the huge rock face. Hopefully a stone won't come loose. On the ground lies traces of deer and chamois. A sure sign that the team is on the right track.

Rangemaster CRF 1600-B.

Precisely on the mark.

Ballistic calculations – precise and safe

The ABC® ballistics system is a remarkable innovation. It makes calculating terminal-point correction values easier than ever. The precise ballistics calculator processes all the relevant ballistics information in a split second. With just a single press of a button, it delivers the absolutely exact point-of-impact correction in the format you desire – perfect for all types of equipment, every rifle hunting style and any hunting situation.

Easy, reliable operation – anytime and anywhere

The CRF 1600-B is an essential companion for every hunting trip. Its strengths are apparent in all weather conditions. No matter what the condition – you will always get highly precise measurements. It is one step ahead of its competitors, because it has only one easy-to-use measuring mode for all weather conditions, ensuring simple and structured readings in clear, illuminated LED lettering. With this peace of mind, you can pay more attention to the other details.

Outstanding optics – for brilliantly clear images

Leica represents unrivaled, world-leading optical performance. Fluoride glass, aspheric lenses and state-of-the-art lens coatings ensure you experience remarkably detailed, sculptural images and brilliant clarity, even at great distances. The LED display helps achieve a very high transmission value, even in poor light, so you get maximum contrast and brightness.

ABC® ballistics systems:

maximum precision and customisation – for every type of equipment and hunting situation (refer to pages 12/13)

Innovative optics:

bright, clear image ensures long periods of observation are comfortable; remarkable clarity of detail even in twilight

AquaDura®:

water and dirt repellent lens coating ensures clarity and makes lenses easier to clean

LED display:

excellent readability – automatic brightness control adjusts display according to the ambient brightness of the target



Weight:

the use of carbon fibre and magnesium reduces weight to just 185 g

Operation:

secure and easy to use; ready for use in every situation

Range:

absolutely precise rangefinding up to 1,460 m thanks to sophisticated design of innovative optics and electronics

Ergonomics:

its ergonomic design means you enjoy relaxed, shake-free observation even over longer periods, for left-handers as well as right

Technical data.

| | |
|--------------------------------|---|
| Rangefinder | Leica Rangemaster CRF 1600-B |
| Order no. | 40 534 |
| Package includes | Cordura case, carrying strap, and battery |
| Magnification | 7x |
| Front lens diameter | 24 mm |
| Exit pupil | 3,4 mm |
| Field of view at 1,000 yds/m | 377 ft/115 m |
| Eye relief | 15 mm |
| Objective angle of view | 6,6° |
| Dioptr. compensation | ± 3,5 dpt |
| Distance measurement: Range | 10 yds/10 m to approx. 1,600 yds/1,460 m |
| Measuring mode | scan mode, single measurement |
| Measuring accuracy | ± 1 yd / m to 400 yds/366 m ± 2 yds / m to 800 yds/732 m ± 0.5% beyond 800 yds/732 m |
| Ballistic system | yes, equivalent horizontal distance, point-of-impact correction, click/MOA adjustment |
| Eyepieces for eyeglass wearers | yes |
| Temperature display | yes |
| Barometric pressure display | yes |
| Angle of incline display | yes |
| Display | LED display with 4 characters and ambient-light-controlled brightness |
| Eyecup | rubber foldout eyecup |
| Prism system | roof prism with phase correction coating P40 |
| Coating | AquaDura® coating on external lens |
| Waterproof | waterproof to 3.28 ft/ 1 m water depth |
| Body | carbon-reinforced plastic |
| Chassis | magnesium |
| Dimensions (W x H x D) | 4.4 x 2.9 x 1.3 in / 113 x 75 x 34 mm |
| Weight | approx. 6.5 oz / 185 g |
| Laser | eye-safe, invisible-light laser compliant with EN and FDA Class 1 |
| Metre/yard toggle | yes |
| Power supply | 1 x 3V / CR2 lithium button cell |
| Battery life | approx. 3,000 measurements at 68°F/20°C |

With their binoculars, the hunters scrutinise the steep slopes. And there they are: an entire herd is moving across the rock face. The whistle of a chamois can be heard. The distance is too great for a precise shot.



Rocky ledges, razor-sharp boulders and a steep slope: with extreme caution, the hunters put one foot in front of the other. A single misstep can have fatal consequences. A glacier-cooled wind blasts into their faces.



Rangemaster CRF 1000-R.

Precise rangefinding, safe shots – offering equivalent horizontal range (EHR).

Flexible, easy to handle and with basic ballistics functionality – the CRF 1000-R is the best entry-level model for those who value reliable results on rough terrain.

When your target is up- or downhill from your position, it's essential to ensure distance measurements are precisely corrected. The CRF 1000-R precisely measures the linear distance as well as the horizontal distance. With remarkable accuracy and versatility, the equivalent horizontal range (EHR) can be calculated around 10 to 550 m, making the CRF 1000-R ideal for bow hunting as well. A single press of a button displays the distance to target and the equivalent horizontal range; the unit of measurement can be changed in the same way.

Additional features include a large field of view, allowing rapid detection of the target even at long range, and an innovative LED display with automatic brightness control. The LED is particularly helpful in difficult lighting conditions because it is visibly sharper and clearer, without outshining the target.

The benefits at a glance

- ideal starter model suitable for archery and rifle hunting, with integrated basic ballistic functionality around 10 to 550 m
- measures both linear distance and horizontal distance
- 7x24-mm optics with integrated dioptre compensation
- enables precise targeting, flexible application
- intuitive and simple operation, with angle-of-inclination display and yard/metre toggle
- innovative, clear LED with automatic brightness control



LEICA RANGEMASTER CRF 1000-R



At last: the moment arrives. The backpack is laid on the edge of a boulder, the rifle fitted with its riflescope is rested on it.

The quarry is in sight. Max measures the exact distance, ensures the target can be recovered and then authorises the shot. The graceful buck stands like a statue on the steep cliff above his flock of females. The tension in the air is palpable.



A moment to celebrate. The two hunters enjoy the success of the hunt.



Technical data.

| Rangefinder | Leica Rangemaster CRF 1000-R |
|-----------------------------------|---|
| Order no. | 40 535 |
| Package includes | Cordura case, carrying strap and battery |
| Magnification | 7x |
| Front lens diameter | 24 mm |
| Exit pupil | 3,4 mm |
| Field of view at 1,000 yds/m | 377 ft/115 m |
| Eye relief | 15 mm |
| Objective angle of view | 6,6° |
| Dioptrre compensation | ± 3,5 dpt |
| Distance measurement: Range | 10 yds / 10 m to approx. 1,000 yds / 915 m |
| Measuring mode | scan mode, single measurement |
| Measuring accuracy | ± 1 yd/m to 410 yds/375 m, ± 2 yds/m to 820 yds/750 m, ± 0,5 % over 820 yds/750 m |
| Ballistic system | yes, equivalent horizontal range |
| Eyepieces for eyeglass wearers | yes |
| Temperature display | no |
| Barometric pressure display | no |
| Angle of incline display | no |
| Display | LED display with 4 characters and ambient-light-controlled brightness |
| Eyecup | rubber foldout eyecup |
| Prism system | roof prism with phase correction coating P40 |
| Coating | AquaDura® coating on external lens |
| Waterproof | waterproof to 3.28 ft/ 1 m water depth |
| Body | carbon-reinforced plastic |
| Chassis | magnesium |
| Dimensions (W x H x D) | 4.4 x 2.9 x 1.3 in / 113 x 75 x 34 mm |
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| Laser | eye-safe, invisible-light laser compliant with EN and FDA Class 1 |
| Metre/yard toggle | yes |
| Power supply | 1 x 3V / CR2 lithium button cell |
| Battery life | approx. 3,000 measurements at 68°F/20°C |

Time to head home, before it gets dark. The mist is already forming like a spell over the forest and the valley. An exciting day of hunting is over. A day that will long be remembered.

Leica Sport Optics. Products in perfection.

The comprehensive catalogue for hunters. Available now from your authorised Leica dealer.

Ultravid HD

Whether you choose the Ultravid HD 32, Ultravid HD 42 or Ultravid HD 50, this premium line of binoculars represent the ultimate in what modern technology can achieve. Fluoride lenses guarantee superb colour fidelity and perfect contrast, for a brilliant image with razor-sharp detail resolution. This performance is enhanced by efficient stray-light suppression. Their rugged construction makes them ready for use in any weather. What's more, they are absolutely waterproof and rubber armoured to provide maximum grip. AquaDura® coating reliably protects the lenses against water and dirt.

Also available as Ultravid BL/BR models – the benchmarks among compact binoculars.



Trinovid 42

The Trinovid 42 and the compact Trinovid BCA are absolutely dependable companions even in the toughest conditions: whatever the situation, they are always ready for action. The Trinovid models deliver impressive optical performance thanks to outstanding, precision-engineered features such as the patented multifunctional central barrel for fast and easy focusing, and dioptre compensation. The nitrogen-filled magnesium housing resists all environmental influences.



Riflescopes

Whenever challenges the weather presents, ERi rises to meet them – ensuring brilliant colour fidelity and perfect contrast at all times. The 'i' in "ERi" stands for 'illuminated', referring to the integrated illuminated dot that makes using these riflescopes safer, more instinctive and effective. The large effective objective lens with its excellent light transmission makes them outstanding performers in low-light conditions, extending their use well into dusk. ERi riflescopes also feature the longest eye relief in their class: 10 cm / approx 4" providing additional safety – particularly when using large calibre rifles. The short eyepiece and the long centre tube also offer plenty of freedom for perfect mounting – even on rare rifles. In addition, the rugged construction and sleek design do their part to make these riflescopes truly extraordinary companions in the field.



Digiscoping

The perfect combination of observation and photography. Around the globe, Leica is the only premium brand to offer all the components needed for a complete digiscoping kit: a high-performance spotting scope, the compatible digital camera and the adapter that connects the two, the tripod, and the specially developed digiscoping tripod head. With it, you can capture the magic of nature and bring it home with you and enjoy it in spectacular detail whenever you wish.





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