



Experience Observation.

Product overview 8.2018





Nature has many faces ...

... beautiful, mysterious – and sometimes unpredictable. Rich with fascinating aspects to explore, the great outdoors unites nature lovers worldwide. And once you have fallen under its spell, you'll have a hard time doing without it. Here at Leica, we feel the same sense of wonder. That's why we are passionate about manufacturing high-quality precision optics that provide more intense visual experiences. Our aim is to allow you to discover nature's creatures up close, without disturbing them in their habitats.

Use our products to expand your natural vision and enjoy details that would have remained forever hidden to the naked eye. Mindful. Intense. Sustainable. On the following pages, we invite you to learn more about us and our range of products. We manufacture them with the greatest care, achieving absolute precision and the highest possible quality. For a truly visionary visual experience.

Your Leica Camera AG

Content.



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Our quest

for the perfect visual experience leads to ...

... expertly balanced images, down to the finest detail. We achieve this by doing more than boosting the amount of light transmitted through the lens to the eye. All Leica products offer what we consider to be the perfect combination of high light transmission, exceptional color fidelity and ideal contrasts – thanks to optimized stray light suppression – along with intuitive operation and a long service life.

Your advantages are crystal clear. If, during twilight, you can discern details in the undergrowth that nobody else can see; if you can recognize the finest structures despite massive backlighting when the sun is low; if you can identify a bird's precise species by detecting subtle mottling in its plumage – then you know: you are using a Leica.

Our products are the result of over 100 years of knowledge and experience in developing and manufacturing optical systems for cameras, sport optics and microscopy. Our optics designers continuously develop their software for minimizing reflections and stray light, enabling increasingly complex simulations. And because our developers are also users, improvements can be tested and implemented directly. Shaped by practical experience, our ergonomic, timeless product design features rugged, precise and extremely reliable mechanics made from the highest-quality materials, such as magnesium or titanium.

Everything we create shares the same lofty goal:
offering you the perfect visual experience for many years to come!

Quality

is a process ...

... that we're always questioning and refining. Every day, we work to continually improve this quality to insure our customers' lifelong enjoyment of each of our optical products.

Our employees: Motivated, dedicated employees are our most important asset. They're the basis for our success. They make Leica what it is: a co-operative partnership that understands the importance of character.

Our product quality: For over 100 years, Leica has been synonymous with outstanding quality in optics and engineering. Our technicians give priority to maximum mechanical precision and minimum margin for variation. And our experienced engineers subject each handmade component to strict quality control, accepting only the very best.

Our service quality: Lifetime value also plays an important role in our service: We expect that our customers enjoy every Leica product they own for many years. So we assign a dedicated service specialist to each customer, ensuring competent service and a personalized response to his or her needs and wishes.



At a glance.

Our range of observation products.

NOCTIVID



LEICA NOCTIVID
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10 x 42
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ULTRAVID HD-PLUS



LEICA ULTRAVID
8 x 32 HD-PLUS
10 x 32 HD-PLUS
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LEICA ULTRAVID
7 x 42 HD-PLUS
8 x 42 HD-PLUS
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LEICA ULTRAVID
8 x 50 HD-PLUS
10 x 50 HD-PLUS
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ULTRAVID COMPACTS



LEICA ULTRAVID
8 x 20 und 10 x 25
BR/leathered, black/leathered, silver
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MONOVID



LEICA MONOVID
8 x 20
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TRINOVID HD



LEICA TRINOVID
8 x 32 HD
10 x 32 HD
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LEICA TRINOVID
8 x 42 HD
10 x 42 HD
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LEICA TRINOVID
8 x 20 BCA
10 x 25 BCA
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DUOVID



LEICA DUOVID
8 + 12 x 42
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LEICA DUOVID
10 + 15 x 50
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APO-TELEVID



LEICA APO-TELEVID 65
LEICA APO-TELEVID 65 W
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LEICA APO-TELEVID 82
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LEICA OKULAR
LEICA EXTENDER
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CAMERAS AND ADAPTERS



ADAPTER
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LEICA Q (TYP 116)
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LEICA CL
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LEICA SL
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GEOVID HD-B



LEICA GEOVID
8 x 42 HD-B 3000
10 x 42 HD-B 3000
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LEICA GEOVID
8 x 56 HD-B 3000
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GEOVID HD-R



LEICA GEOVID
8 x 42 HD-R 2700
10 x 42 HD-R 2700
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LEICA GEOVID
8 x 56 HD-R 2700
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GEOVID R



LEICA GEOVID
8 x 42 R
10 x 42 R
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LEICA GEOVID
8 x 56 R
15 x 56 R
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RANGEMASTER



LEICA RANGEMASTER
2700-B
2400-R
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PINMASTER



LEICA PINMASTER
Pinmaster II
Pinmaster II Pro
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LEICA ACCESSORIES



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Binoculars.



See more.
Recognize more. Experience more.

Beyond reach, at a seemingly insurmountable distances. In the world of nature, we human beings often encounter our limitations. With Leica binoculars, it becomes easy to conquer these distances and discover the details otherwise hidden to the human eye. Even when the nearest mountain peak is miles away, a Leica Trinovid glass makes it easy to pinpoint the cross on its summit. With the aid of Leica Ultravid compact binoculars, the frescos and paintings in the lofty domes of churches are brought so close that it is possible to see the individual brush strokes of the artist.

At the opera, a festival or a sporting event, a pair of Leica's binoculars will always reserve you a seat in the front row. Where cautious or timid birds or animals quickly take flight at the slightest movement or noise, Leica Noctivid binoculars allow the observation of the most natural and fascinating aspects of their behaviour. Binoculars help you to overcome your visual limitations and bring you closer to reveal what must otherwise remain hidden to your eyes.

Leica binoculars.

For breathtaking visual experiences.

No matter whether for birding, wildlife watching, travel or leisure – our programme of binoculars is certain to offer the right companion for your individual needs. Discover a uniquely new dimension of viewing with your Leica binoculars.

Noctivid: enjoy the perfect balance of clearly defined, pin-sharp contours, exceptional contrast and unrivalled brilliance.

Ultravid HD-Plus: robust and proven in many years of constant use, they make every viewing moment an unforgettable experience and transform the love of details into pure passion.

Trinovid HD: they fascinate with exceptionally easy handling, outstanding optical performance and excellent mechanical properties.

Inside Noctivid.

Construction of the Noctivid 10x42.





Leica Noctivid. Progress with a clear perspective.

Inspired by nature and its perfect balance, from abilities that are essential to survival in various habitats, the Noctivid also possesses a perfect balance of the best characteristics from more than a century of experience of optical excellence and precision engineering. Its incomparable resolving power promises unique viewing experiences with clear-cut and pin-sharp contours, dazzling contrast and unrivalled brilliance.

Images without globe effect

Particularly in the case of binoculars, we must take the so-called globe effect into account. Already familiar from the early days of telescope technology, the middle of the image affected by the globe effect frequently appears significantly closer to the viewer than the edges. Panning across a scene with such a telescope gives the impression of a glass ball rolling through the image. This effect is a result of the physiology of the human eye and is particularly pronounced in binoculars with strong image field flatness. We take this effect into consideration when designing out optical systems and ensure that the eventual user enjoys a natural and undisturbed visual experience when viewing a scene by the appropriate positioning of lens elements within the optical system.

Viewing behaviour and the power of the eye to accommodate

With the particularly large oculars and long eye-relief of the Noctivid binoculars, every user, either with or without glasses, quickly and easily finds the ideal position for viewing through the oculars. Simultaneously, the already outstanding closest viewing distance of 1.9 meters can be significantly reduced by the accommodation capability of the user's eyes – i.e. the dynamic adaptation of the refractive index within the eye.

Precise interaction of optics and precision engineering

Lens elements must be positioned with absolute precision at the right distances from one another in the optical system and must be precisely centred in the tubes of the binoculars. To ensure this, and to guarantee that the viewing image is not degraded by false light, our optical designers work very closely with our precision engineers and constructors of the mechanical components. They take advantage of the latest technologies, for example to ensure perfect focusing with consistently high resolving power, or to keep the construction as light and as compact as possible. In the production process, permissible tolerances are frequently measured in thousandths of millimeters. Despite this, the construction of the Noctivid still resists the most extreme stresses and rough handling. Our customer may watch ivory gulls in a snowstorm just as well as gigantic herds of zebra in the middle of the African savannah. Such versatile, robust and resilient pieces of equipment can only be made when we utilize only the finest, most modern, most resilient and hard wearing materials.

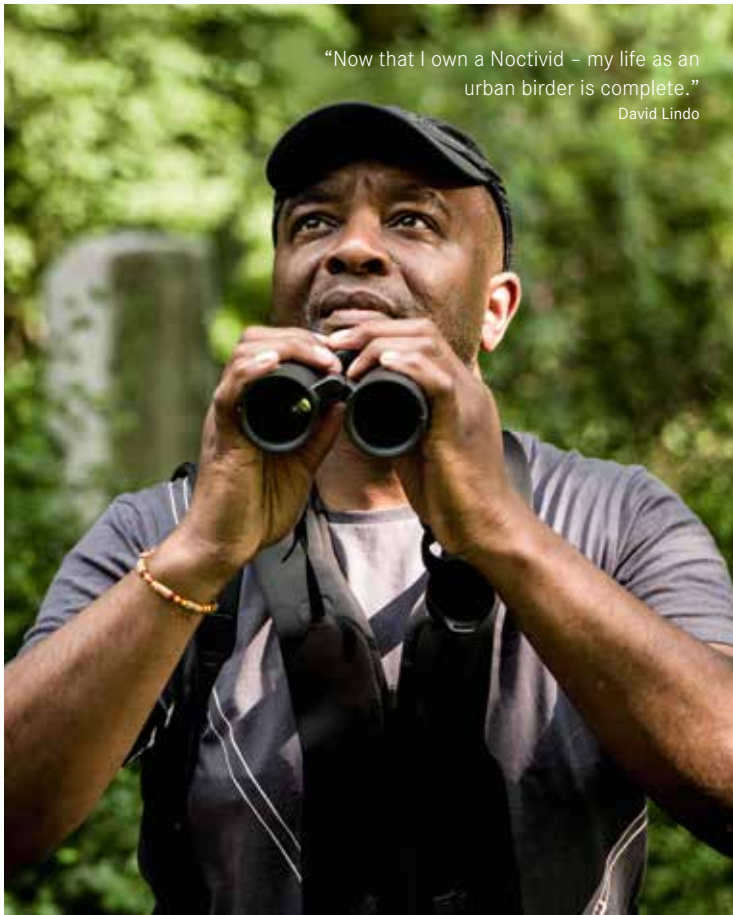
Fast and precise focusing

Focusing is extremely precise and it takes only two turns of the focusing wheel to shift the focus from the closest distance of 1.9 meters to infinity. At the same time, the large, ergonomically located focus wheel with excellent grip allows delicate and precise focusing for even the smallest differences in distance. In true Leica tradition, diopter compensation is integrated in the focusing wheel, can be securely locked and is easily visible through a viewing window.



“Now that I own a Noctivid – my life as an urban birder is complete.”

David Lindo



#MyNoctivid

That's what makes Leica Noctivid binoculars so special.

We provided four experienced bird watchers, nature lovers, photographers and filmmakers, whose binoculars are their daily companions, with our Leica Noctivid binoculars. Read for yourself, what they think about the best binoculars Leica has to offer.

David Lindo (UK)

David is a naturalist, writer, broadcaster, speaker, photographer, wildlife tour leader, educationist and mostly known as The Urban Birder. He is encouraging people in towns and cities to get connected to nature through his TV appearances, talks and articles.

“Now that I own a Noctivid – which I've renamed my ‘Noculars’ – my life as an urban birder is complete. The optical quality that I now have in my hands is second to none. And, as the name suggests, I no longer miss anything in low light. Yes, birding life is good!”

Andrea Corso (IT)

When it comes to birding, Andrea is “Mr Sicily”! Born and raised in Siracusa in southeast Sicily, he is the island's foremost ornithologist and one of the leading voices in birdwatching and conservation in Italy today. A prolific writer, Andrea is author of the Avifauna di Sicilia and has written or co-authored a further 300 or so other books, papers and articles – covering everything from bird migration, identification and taxonomy to the status and distribution of birds within Italy and Europe!

“Anything I look at, any time of day, appears so much more conspicuous, colors are so true and perfectly defined. Everything appears three-dimensional through these lenses. It's like experiencing a Spielberg movie!”

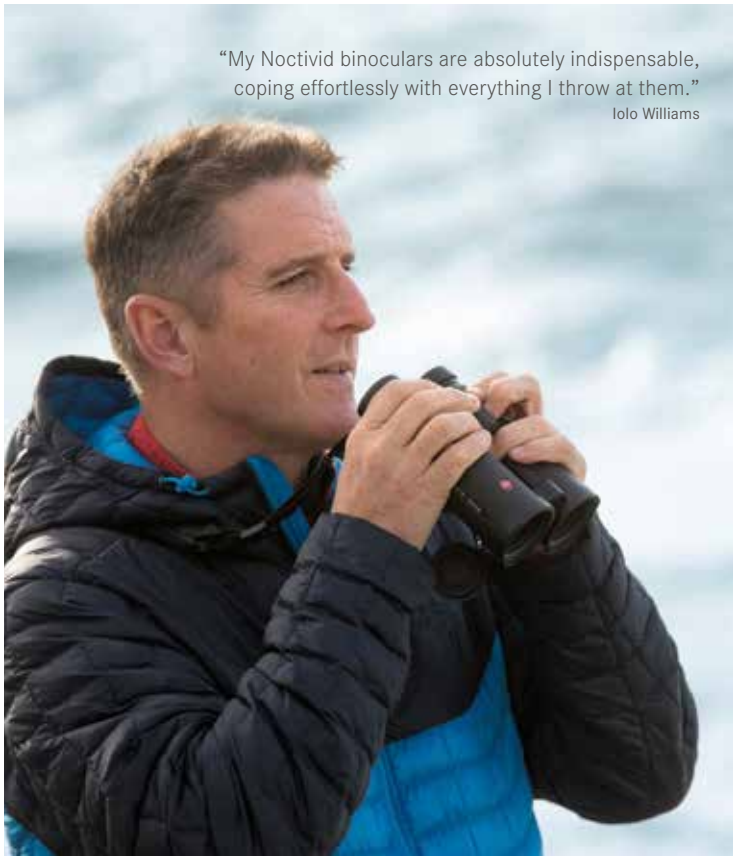


“The objects truly appear almost three-dimensional through the lens of the Noctivid.”

Andrea Corso

“My Noctivid binoculars are absolutely indispensable, coping effortlessly with everything I throw at them.”

Iolo Williams



Iolo Williams (UK)

Iolo is a Welsh naturalist, broadcaster, public speaker and writer who's worked in conservation for over 30 years. He is most widely known as a popular member of the Springwatch, Autumnwatch and Winterwatch presenting team and for presenting series for BBC 2.

“When I'm not working, I spend nearly all of my time watching and monitoring wildlife, anything from grass snakes to short-eared owls and tree bumblebees to lesser twayblades. My Noctivid binoculars are absolutely indispensable, coping effortlessly with everything I throw at them. Close focus to low light, heavy rain to freezing temperatures, Noctivid is simply the best.”

Noah Strycker (US)

Noah Strycker made waves in the North American birding community after winning the prestigious ABA/Leica Young Birder of the Year competition in 2004.

At that time a 21-year-old senior at OSU, Noah studied Fisheries & Wildlife and Fine Arts on a full academic scholarship. When not in class, he traveled in search of birding adventures.

„I've never seen such crisp optics. My Noctivids are so good in darkness, rain, and tough field conditions, it's like they're not even there - just the bird in all its glorious detail.“



“I've never seen such crisp optics.”

Noah Strycker

Noctivid 42.

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High-contrast, brilliant and razor-sharp: the perfect balance.

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+

A century of knowledge has come to life.

Today, more than a century of experience and expertise in the development of optical devices for long-distance observation, microscopes and cameras has been brought together in the most innovative family among the Leica binoculars: the Noctivid family.

The milestones are set by the optical systems and mechanical construction of this new family of Leica binoculars. In the case of its optical qualities, the Noctivid unites the best of all the most innovative and proven technologies at our disposal. The Schott HT™ (High Transmission) glasses ensure the amazingly natural color rendition and exceptional transmission values of the Noctivid line. Extremely complex and innovative baffle systems for the suppression of stray light guarantee sharp contrast and an absolute brilliant images to the edges. Applicable in almost every situation, these binoculars set also new design standards: Not only compact in size, stylish and elegant, but also unbelievably robust and resilient.



The benefits at a glance

- images of incredible depth and plasticity thanks to perfectly harmonized combination of light transmission, stray light suppression and levels of contrast
- perfect color-neutrality and brilliance
- large oculars and long eye-relief distance of 19 mm for overwhelmingly fast impressions and comfortable viewing



Photo: Ralph Martin

Thanks to the modification of the radii at the lens surfaces, the sharpness of the periphery of the field of view could be improved considerably without affecting the image performance in any way. This also allows an incomparably vivid and high-contrast viewing experience even in adverse weather conditions and reduced visibility. Thanks to the sophisticated combination of diverse technologies and innovative concepts, the Noctivid offers an impressively natural viewing experience as vivid as with the human eye.



SCHOTT HT™



SCHOTT HT™

Noctivid 8x42

- high light-gathering power, bright viewing image late into the twilight hours, thanks to a large exit pupil and best contrast performance
- steadiest viewing image, thanks to large fields of view and perfect ergonomics
- natural viewing impression, thanks to ideal color-neutrality

Noctivid 10x42

- 10x magnification for optimum resolution of details
- outstanding stray light suppression and high transmission enable viewing of finest structures under even the most unfavourable conditions
- relaxed, fatigue-free observation, thanks to compact size and ideal weight distribution



Photo: Daniele Occhiato

Ultravid HD-Plus.



The benefits of optimum image brightness, outstanding color fidelity and compact dimensions.

Ultravid binoculars.

The perfect viewing experience.

Those looking for the best in binoculars simply cannot overlook the Leica Ultravid HD and HD Plus models. They transform any moment into an unforgettable experience and the love of detail into pure passion. These high-end binoculars demonstrate the state of the art: fluoride lenses ensure brilliant color fidelity and perfect contrast, delivering unparalleled image brightness and captivating clarity. Their outstanding performance is enhanced by efficient stray-light suppression for cutting-edge contrast.

The focusing mechanism of the Ultravid models is unerringly smooth – and less than two turns take you from the shortest focusing distance to infinity. Reliably, quickly and precisely. The central hinge axis is machined from high-tensile titanium, while the body is manufactured from ultra-lightweight magnesium. In addition, all models are waterproof to 16.5 feet (5 meters). The AquaDura® coating reliably protects the lenses from water and dirt. The patented twist-up eyecups with two click-stops offer the best in viewing comfort, even for users wearing glasses.



The benefits at a glance

- 92% light transmission for use from dawn to dusk
- compact and ultra-lightweight
- HD-Plus optics for optimum image brightness with exceptional color fidelity



Ultraavid 8 x 32 HD-Plus

- extra-wide field of view: 404 ft/135 m
- compact, lightweight and powerful



Ultraavid 10 x 32 HD-Plus

- brilliant viewing experiences, particularly during daylight hours



Ultraavid 7 x 42 HD-Plus

- keep your eye on everything with an ultra-wide field of view: 420 ft/140 m
- the small companion at sea or when light is fading:



Ultraavid 8 x 42 HD-Plus

- observe a broad area, even at short distances
- the universal all-rounder, ideal for almost every occasion



Ultraavid 10 x 42 HD-Plus

- incredibly detailed impressions, even over the farthest distances
- highest contrast and very high light transmission for impressive views



Ultraavid 8 x 50 HD-Plus

- bright images, even at night – thanks to 50 mm front lens diameter
- ideal for night viewing, with compact dimensions and low weight



Ultraavid 10 x 50 HD-Plus

- balanced ratio of magnification to brightness
- perfect for longer viewing, even in unfavorable light conditions, from daylight well into twilight



Ultraavid 12 x 50 HD-Plus

- outstanding for viewing over longer distances
- reliable detail resolution and identification
- for detailed, longer observation

Ultraavid Compacts.

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Ultraavid 8 x 20 leathered, black



Ultraavid 8 x 20 leathered, black



Ultraavid 8 x 20 leathered, silver



Ultraavid 10 x 25 BR



Ultraavid 10 x 25 leathered, black



Ultraavid 10 x 25 leathered, silver

+

The benchmark for compact binoculars. Handy and versatile.

The Ultraavid compact binoculars are outstanding companions for the demanding observer, particularly on long tours where every ounce counts. Hardly larger than a first-aid kit, the binoculars barely add weight and feature convenient dimensions, a focusing wheel with maximum grip and impressive optical quality. Brilliant, contrast-rich, high-resolution images as well as outstanding stray-light suppression set these models apart in their class. Brighter and sharper than most other binoculars of this lens size, these compact Ultraavid models are true to the high standard of the Leica Ultraavid class.

The diopter is adjusted with the touch of a button. Thanks to the double hinge, they can be easily folded and stored – but they're too good-looking to keep hidden away! Available in the rubber-armored BR version or with classic, black leather trim in silver or black – take your pick!

Monovid

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Lightweight, brilliant,
versatile and rugged.

+

Elegant design, outstanding optics.

The Monovid 8 x 20 always at the ready - in the city, at the opera, the theater, as well as in the great outdoors. Your take-anywhere companion lets you keep an eye on everything and detect even the finest details on the buildings or in the faces of the actors and singers on stage.

The Monovid 8 x 20 is lightweight, handy and fits inside any purse without attracting attention. Thanks to the included close-up accessory lens, objects as close as 10-12 in (25-30 cm) can be viewed in great detail, no matter whether you want to examine the bus schedule or the veins of a flower. Simply twist the accessory lens onto the objective lens. You'll be astounded by the high quality, the 8 x magnification and the elegant design.



The benefits at a glance

- brilliant, high-contrast, razor-sharp images
- versatile, convenient, and rugged
- weighs just 4 oz/112 g
- close-up lens enables macro effect
- nitrogen filling prevents internal fogging
- water and dirt repellent AquaDura® coating
- waterproof to 15.5 ft/5 m
- all-round protection, thanks to high-quality leather case with silent magnetic closure



Color variations and accessories.



Monovid 8 x 20

- 8 x magnification for steady, brilliant images.
- small, lightweight and compact: always at hand
- available in various colors and versions
- astounding macro observations thanks to the accessory close-up lens (included)



Carrying strap and leather case

Monovid Black



Monovid Red



Monovid Silverline



You will experience a lot more
when you watch the wildlife through your binoculars!



Into the wild.

Behind the dark.

5:00 a.m. – for the past half hour, the zebra-striped jeep has been speeding down bumpy roads along the edge of Ngorongoro Crater. I envy my neighbor Gert, snoring on the seat beside me. We’re bouncing along in the back of the jeep and he’s sleeping like a log. Outside, the Tanzanian night is still pitch dark; but soon the sun is going to rise over Ngorongoro Crater. While we are driving, two green dots suddenly light up on the road ahead. The driver slowly puts on the brakes and comes to a standstill.

“Sir, sir, your binoculars, please!” Darweshi, our guide, asks for my Trinovid 8 x 42 HD. “Are you sure? You hardly see further than three meters.” Gert has woken up and is staring into the darkness ahead, as excited as I am. We actually have no idea what to expect. A spotted hyena, a warthog, or perhaps another Thomson’s gazelle? It must be something special – Darweshi quickly takes my binoculars. A few seconds later, he gives it back, whispering excitedly: “Leopard, leopard!”

We can’t wait to see the silhouette a bit better. Gert and I butt heads as we try to look past the front seats and out the windshield, fascinated by the glowing green dots. But without any binoculars, we only saw more of the pitch dark. “Sir, why don’t you use the binoculars!” Darweshi insists, and he’s right – it’s as if we’d switched on the lights outdoors. The big cat’s silhouette becomes clearly visible. The jeep’s weak headlamps provide enough light for Trinovid HD to reveal the beautiful pattern of contrasting spots on the animal’s fur. Wow, I hadn’t dared to hope that we’d see a leopard! Slowly and elegantly, the predatory cat turns its head, leaves the road and lets us pass. “Yes, sir, today we’ll see lots of wonderful things!”

We laugh, elated. I had wondered whether an early-morning adventure while on vacation would be worthwhile, but now my doubts have vanished into thin air. “I never thought that the binoculars would let us see so much more, even when it’s so dark”, Gert admits. “Oh yes, everyone on safari should bring good binoculars along. You don’t want to stare into the dark for two hours when you go on a safari, do you? You will experience a lot more when you watch the wildlife through your binoculars!” Darweshi chuckles and already sees another savanna’s inhabitant ...

Read more at blog.leica-birding.com





Photo: Bence Máté

Trinovid HD.

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With the new Trinovid HD, you're right up close - everywhere and anytime.

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Trinovid binoculars.

Ready for anything, anywhere.

The new Trinovid HD binoculars are designed for the widest array of uses and expertly combine impressive optical performance, outstanding mechanical features and easy, intuitive operation. Thanks to the time-tested Leica optics, the Trinovid HD offers excellent contrasts, optimum color reproduction and very good light transmission. The rubber armoring provides maximum grip in any weather and makes the glass incomparably robust. For even more breathtaking visual impressions - anytime, anywhere.



The benefits at a glance

- top-quality Leica optics for high-contrast, razor-sharp images and optimum color fidelity
- compact design - ideally balanced and light in weight
- robust all-rounder for your travels



Trinovid 8 x 32 HD

- steady, clear image from edge to edge
- compact and lightweight
- strong at dusk, despite smallest dimensions



Trinovid 10 x 32 HD

- highly detailed viewing
- clear images, sharp contours
- high magnification to a close-focus setting of 1.09 yd (1 m)



Trinovid 8 x 42 HD

- pleasantly steady viewing, thanks to large exit pupil
- bright visual impressions well into the twilight hours
- generous fields of view for outstanding panoramas, even at extreme distances



Trinovid 10 x 42 HD

- richly detailed impressions at all distances
- outstanding close-up limit: under 6.2 ft/1.9 m
- ideal contrast and transmission for razor-sharp images

Trinovid Compacts.

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Light and compact design, reliable optics.

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Exceptional and rugged.

The Trinovid 8 x 20 BCA and 10 x 25 BCA are high-quality compact binoculars that, in favorable light, can hold their own against many larger models. These handy pocket-sized companions are the ideal choice whenever equipment volume and weight are a concern. Reliable functionality, sturdy construction, high-class optics, compact dimensions and low weight – these features set the Trinovid BCA apart. Leica's own HDC® multi-layer coating ensures color fidelity and high-contrast viewing, under even the most challenging light conditions.



Photo: Ralph Martin



The benefits at a glance

- ideal imaging performance in a pocket-sized format, with HDC® multi-layer coating for color fidelity and high-contrast images
- fast, intuitive use with easy operation
- lightweight, handy, compact and splash-proof

Duovid.

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Extraordinary flexibility
with two magnifications
in a single glass.

+

+

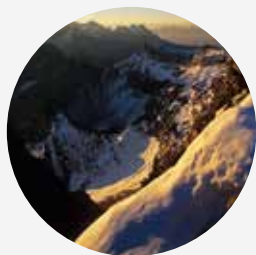
One-of-a-kind flexibility.

For broad scanning or detailed observation, over long distances or in low-light situations – the Duovid models are always at the ready. Equipped with two magnifications, these unique binoculars provide exceptional flexibility. No other premium glass offers this advantage. Switch between levels of magnification with just two easy movements. Once set, the diopter value is maintained – thanks to the automatic diopter compensation function ADC®.

The ergonomic eye cups with two click-stops offer the best in viewing comfort, even for users wearing glasses.



Photo: Norbert Rosing



The benefits at a glance

- two magnifications in one glass
- exceptional image quality in all viewing situations
- protective aluminum housing, rubber armoring for a secure grip

Duovid 8 + 12 x 42

- the handy all-rounder for highly flexible use on a wide variety of terrain
- 8 x magnification for steady, relaxed observation with large field of view
- 12 x magnification for fine detail, even from far distances

Duovid 10 + 15 x 50

- ideal for nature observation over longer distances – from dawn to dusk
- 10 x magnification for steady viewing
- 15 x magnification for razor-sharp details
- includes a tripod adapter for more steady viewing

Observation and conservation.

Did you know ...

that the global breeding population of the spoon-billed sandpiper has already fallen to approximately 200 pairs? The total population in the wild is estimated to be only around 400 individual birds. The WWT has dedicated its efforts to rescuing this incredible little bird. It works in close cooperation with local and international partners on a conservation programme that includes providing aid to the local people in the Asian wintering grounds to remove their dependency on trapping birds for food. In the breeding areas, it works with partners to search for breeding sites, and helps the sandpipers to produce more fledglings by hatching eggs and rearing chicks in safety from natural predators, before releasing them back into the wild.



WWT Wetlands for life

The Wildfowl & Wetlands Trust (WWT) is one of the world's largest and most respected wetland conservation organisations working globally to safeguard wetlands for wildlife and people alike.

<https://adoption.wwt.org.uk/sponsor/spoon-billed-sandpiper>



“Seeing more, experiencing more” – this is the motto of the NABU Nature Reserve Katinger Watt in Schleswig-Holstein, which built a new bird observation hut in the Katinger Watt with the support of Leica Camera AG. The Katinger Watt is one of the most significant nature reserves in Germany for breeding as well as resting birds. In the new bird observation hut, (amateur) ornithologists and nature lovers can observe the unique flora and fauna in the Katinger Watt under ideal conditions. Find out more at:

www.nabu-katinger-watt.de/



Spotting scopes & digiscoping.



The best moments ...

... are the ones most easily missed. And they're irretrievable. With the Leica digiscoping system, you observe the fascinating world of animals and plants in razor-sharp, brilliant images – as if you were right up close.

Back in 1994, Leica launched the world's first high-performance spotting scopes for terrestrial observation. These products featured high magnifications, broad fields of view and an imaging performance that remains outstanding, even by current standards. The proven variants – angled or straight viewing with 62 mm or 82 mm front lens diameters – remain in our product portfolio to this day.

Our ambitious goal is to always stand at the pinnacle of research, combining state-of-the-art imaging performance and the very best mechanics for a unique visual experience. Today, more than ever before, our products provide uncompromising flexibility, brilliant optics and superior contrasts. Highest-resolution imaging at magnifications of up to 90x? Not a problem for the APO-Televid with the 1.8x extender. And all with exceptionally compact dimensions, intuitive operation and – thanks to the 25x–50x WW ASPH. wide-angle eyepiece – particularly large fields of view.

APO-Televid spotting scopes. Bright and brilliant.

With Leica's APO-Televid spotting scopes, you'll enjoy the minutest details in razor-sharp focus. The fluoride lenses and the apochromatic system ensure highest contrasts, optimum color neutrality and minimal color fringing. These scopes offer the widest possible field of view over the entire magnification range, along with crisply detailed resolution and maximum stray-light suppression. The approved dual focusing wheel allows different focusing speeds. The rapid focusing required for moving objects, as well as the fine, precise focusing that digiscoping demands. Ideal for intensifying all of your viewing experiences, even those from a great distance.

Thanks to the brilliant optics and the exquisite contrasts, even high-definition images at high magnifications are no problem. All four models feature impressively compact dimensions, logical and intuitive handling, and amazingly broad fields of view – together with the matched 25x–50x WW ASPH. eyepiece.

The inner values count.

Construction of the APO-Televid 82 W.





APO-Televid.



The bright front lens delivers astonishingly detailed, high-contrast images.



Observation with maximum performance

The APO-Televid 65 as well as the APO-Televid 82 meet the highest standards of a premium spotting scope. All four models are extremely compact and impress with their excellent close focus range. They convince by solid mechanics, intuitive, sophisticated handling, attractive design as well as brilliant optics. Thanks to the rubber-armored magnesium body, the spotting scopes are extremely rugged – no matter where and under which weather conditions they are put to use.



The benefits at a glance

- modern fluoride lenses for perfect color fidelity and maximum contrast
- dual-focus system for fast, precise adjustment
- rugged and quiet, thanks to rubber-armored magnesium body
- water and dirt repellent AquaDura® coating
- available as a powerful straight or angled spotting scope with bright 82 mm or compact 65 mm front lens diameters

APO-Televid 65 W.



The spotting scope is especially handy and portable, and at the same time it offers the shortest close-focusing distance in its class.

Sophisticated optics, rugged mechanics.

The more compact APO Televid 65 straight or angled spotting scope is the ideal companion for trips, long, demanding treks or exhausting alpine ascents. With a short build of 11.8 in/30 cm, it weighs a mere 39.3 oz/1115 g. All APO-Televid spotting scopes are particularly rugged, as any shocks or impacts are effectively absorbed by a resistant magnesium-alloy body and rubber armoring.

APO-Televid 65 (straight version)



APO-Televid 82 W.



For bright, natural, sharp image rendition across the entire field of view and all magnifications.

Powerful and high-contrast.

Leica APO-Televid spotting scopes feature apochromatic lenses and use sophisticated fluoride glass for perfect imaging performance. In the APO Televid 82 (available in a straight or angled version), an exceptionally bright 82 mm objective delivers extremely rich images. Astounding details are visible even under the most unfavorable viewing conditions. The APO-Televid spotting scopes are predestined for professional digiscoping – the fascinating world of wildlife can be observed in crisp quality and captured forever in expressive photographs. Outstanding optical performance results in natural, brilliant colors across the entire field of view.

APO-Televid 82 (straight version)



Eyepiece and extender.

Outstanding field of view at all magnifications.

With the 25x–50x WW ASPH. Vario eyepiece, you enjoy incomparable image quality across the whole field of view throughout the entire zoom range. And the subjective field of view is exceptionally large: up to 74° at 50x magnification.

In combination with all Leica APO-Televid angled spotting scopes and the eyepiece 25x–50x WW ASPH. the Leica Extender 1.8x allows up to 90x magnification. This tremendous zoom range makes wildlife, nature and astronomical observations even more enjoyable.

The rubber-armored function elements and the convenient twist-up eyecup ensure outstanding grip and comfort when viewing. Don't miss a single moment thanks to extremely large fields of view at all magnifications.



Leica eyepiece 25x–50x WW ASPH.

- 25x to 50x magnification
- wide-angle field of view: 41 m (25x) to 28 m (50x) at 1000 m
- edge-to-edge clarity, thanks to aspherical lenses
- waterproof to 15.5 ft/5 m
- sophisticated nitrogen filling prevents internal fogging

Leica extender 1.8x

- unparalleled overview, even at 90x magnification
- high-contrast image: details can be identified even in severe heat shimmer
- achieves 45x–90x magnification, in combination with the Leica eyepiece
- fast and secure connection between spotting scope and eyepiece, thanks to automatic lock at bayonet connection
- only for angled APO-Televid spotting scopes

Leica and digiscoping – an ideal combination.

Long-range optical instruments and cameras of the very highest quality – only a few manufacturers can claim to be leaders in both areas. And even fewer can look back on over 115 years of expertise in development and design. The uniquely powerful combination of Leica cameras and Leica APO-Televid spotting scopes takes digiscoping to the next level.

Superior imaging performance, perfect contrasts, natural colors and ingenious mechanisms unite in Leica's perfectly matched digiscoping kit. Leica cameras offer unique tools for digiscoping, such as “digiscoping mode”, which makes it possible to take outstanding photos quickly and easily. The optimum stray-light suppression of the APO-Televid spotting scopes, combined with the magnificent edge-to-edge clarity of the 25x–50x WW ASPH. eyepiece and intuitive handling, transform the spotting scopes into exceptional camera lenses with focal lengths of up to 3078 mm.

Share your best moments to social networks, or send them via e-mail or MMS. Many Leica cameras offer Wi-Fi mode and additional apps for your smartphone, letting you show images to friends and colleagues in real time.

Our digiscoping system.

Unique and professional.



Digiscoping lens 35 mm.

The Leica digiscoping lens (35 mm) is designed to work perfectly with the APO-Televid spotting scopes and the 25x–50x WW ASPH. eyepieces. Thanks to the T2 threaded interface, almost every camera with an interchangeable lens can benefit from the extraordinary image quality offered by APO-Televid spotting scopes and eyepieces. The Leica digiscoping lens 35 mm combines brilliant optical performance, sharp contrasts and top-class manufacturing using lightweight yet durable materials. In next to no time, it transforms your APO-Televid spotting scope into an ultra-powerful camera lens with focal lengths of 855 to 3078 mm.

Calculation of focal lengths.

In combination with the Leica APO-Televid spotting scope and eyepieces.

Sensor size	at 25x magnification	at 50x magnification	at 90x magnification
M43 (21 mm diagonal screen)	1710	3420	6156
APS-C (30 mm diagonal screen)	1283	2565	4617
Full-frame*	855	1710	3078

* Due to the image circle of the optical system (adapter + eyepiece + spotting scope), some vignetting appears, e.g. the format edges of the 35 mm film equivalent remain black.



Leica digiscoping lens (35 mm)

- suitable for all cameras with interchangeable lenses, thanks to T2 threading system
- intuitive operation and fast switching between observation and photography, thanks to integrated diopter compensation
- conveniently compact, it fits into every camera bag

Tips:

Digiscoping with a Leica

Reduced to the essentials and built to make perfect pictures: Leica cameras also reveal their unique advantages in the field of professional digiscoping. Particularly when lighting conditions become difficult and when circumstances beyond your control present a real challenge. The premium quality Leica cameras, lenses and spotting scopes, which offer focal lengths between 700 and 3,500 mm, make the real difference at moments like these.

Extremely stable tripods and tripod heads are essential when shooting with such enormous focal lengths. Tip: take your time to get it right when composing your picture. Your main subject doesn't always have to be in the middle of your picture to attract attention to it. Make good use of faster shutter speeds and try to avoid anything slower than 1/250 s. If your picture is too dark, compensate for it by changing the ISO setting on your camera. Noise-free exposures are possible at ISO 400 with the APS-C sensor used in Leica cameras; Leica cameras with full-frame sensors let you use even higher ISO values without your pictures suffering from image noise. Against blurred pictures use the continuous shooting option. When using less stable tripods or panning heads, pressing the shutter release can sometimes lead to an unsharp first picture – in continuous shooting mode, the second and following pictures will be sharp. Only the last picture could be unsharp again, from taking your finger off the button.

Concentrate on your picture and use an auxiliary view-finder when your camera doesn't have an integrated finder. You won't be distracted from your subject when focusing or disturbed by reflections on the monitor screen.



Capture nature.



Leica cameras and adapters.



Leica is the European premium manufacturer to offer a complete digiscoping system from one single source – with perfectly matched products and unrivaled quality. Just like our binoculars and spotting scopes, all Leica camera models are meticulously manufactured from only the finest materials to ensure absolute reliability and enduring value. In addition to their compact form, elegant design, and intuitive handling, their optical and mechanical quality is without compromise.

Digiscoping adapters.

All Leica digiscoping adapters are perfectly engineered for use with APO-Televid spotting scopes and the corresponding camera models. Their high-quality construction from only the finest, light and strong materials guarantees precise and secure mounting without unnecessarily increasing the weight of the system. They are also extremely easy to use.



Adapters for
Leica X1, X2 and X-E
(Typ 102) cameras



Adapters for
Leica X (Typ 113)
cameras



Adapters for
Leica Q (Typ 116)
cameras

Leica cameras.

Leica Q (Typ 116)



The benefits at a glance

- brilliant optics: Leica Summilux 28 mm F1.7 ASPH. lens in combination with APO-Televid spotting scopes
- autofocus option also possible for digiscoping
- ISO maximum: 50,000
- 24 MP full-frame CMOS sensor
- built-in 3.68 MP viewfinder

Magnification at eyepiece	Total focal length (film equivalent)
25 x	700
45 x	1,260
50 x	1,400
90 x	2,520

Focal length of camera 28 mm.

Leica CL



The benefits at a glance

- compact and intuitive system camera
- EyeRes-viewfinder with 2.36 million dots and practically imperceptible latency time
- ISO maximum: 50,000
- 24 MP CMOS APS-C sensor
- self-timer: 2 sec or 12 sec delay

Magnification at eyepiece	Total focal length (film equivalent)
25 x	1,293
45 x	2,328
50 x	2,587
90 x	4,657

In combination with the Leica digiscoping lens 35 mm.

Leica SL



The benefits at a glance

- intuitive operation and ultra-fast switching between observation and photography
- EyeRes viewfinder with an imperceptible latency time, for an entirely new visual experience in photography and digiscoping
- 4K video function – for all who demand the very best in video-scoping while keeping operation simple
- rugged and durable, designed to meet the special requirements of professionals and stand up to rough weather conditions while digiscoping
- for use with the digiscoping lens (35 mm) with T2 adapter for Leica L-bayonet connection

Rangefinders.



For 25 years ...

... Leica has been the pioneer in rangefinding technology. Thanks to our decades of experience and comprehensive expertise – and over 300,000 laser rangefinders sold – we can proudly assert our unrivalled market leadership in the premium segment. In 2013, we revolutionized rangefinding with the Geovid HD-B 42. It offers the perfect combination of observation and rangefinding. Its innovative, patented Perger-Porro prism system gives flawless imaging performance. The bridge's ergonomic construction ensures fatigue-free viewing. A microSD card slot allows the capture of ballistics data and a multifunctional ballistic computer, air-pressure and temperature sensors ensure maximum precision.

Even the long-established Geovid HD models have undergone further development. By combining equivalent horizontal range (EHR) output with the Open Ergonomic Bridge, the new Geovid HD-R offers maximum safety and precision along with intuitive operation and fatigue-free handling.

And in 2016, the Geovid 8 x 56 HD-B/HD-R was launched: Leica's brightest and most compact rangefinder binocular ever. With the Rangemaster CRF 2700-B, Leica introduced the first compact rangefinder with unique SD card slot for individual ballistics data. The Geovid 3000 B now sets new standards in terms of precision, measuring distance and optical performance.

Leica rangefinding. More precise than ever before.

Geovid HD-B

The Geovid HD-B models are not only a unique pioneering achievement, they are a revolution in rangefinding. With the ABC® ballistics system, determining the point of impact is easier and safer than ever before. Thanks to a microSD card it is very simple to import individual ballistic data into your Geovid HD-B.

Rangemaster models

The Rangemaster CRF models are indispensable companions, proving their strength in any terrain and in any weather. They always deliver highly precise measurements, the LED menu display is clear and well-structured and they are extremely lightweight and compact.

Inside and outside groundbreaking.

Construction of the Geovid HD-B 3000.



Geovid HD-B 3000 and Geovid HD-R 2700.



Geovid 8x42 HD-B 3000

Geovid 8x42 HD-R 2700

Geovid 10x42 HD-B 3000

Geovid 10x42 HD-R 2700

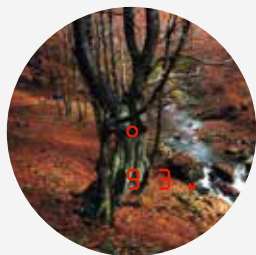
Geovid 8x56 HD-B 3000

Geovid 8x56 HD-R 2700

For moments when precision is crucial.

The Geovid HD-B models once again prove their leading role among binocular rangefinders and can reach up to 3,000 yards (2,750 meters) thanks to the powerful laser rangefinder. Their combination of accurate measurement of up to 50 cm precision, best optical quality and ergonomic design is unique in the world. The Geovid HD-B can be enhanced with the included microSD card and thus be programmed by users individually to pre-defined applications.

The Geovid HD-R 2700 models as well as the Geovid HD-B 3000 models combine ergonomic design with pin-sharp, high-contrast optics and reliable distance measurement. Reduced to essentials they allow the most accurate determination of a variety of distances. Thanks to patented Perger-Porro prisms, optimised coatings and the unique Leica baffle system, all Geovid models of the third generation reach top values in contrast, light transmission and stray-light suppression – for maximum performance late into the twilight hours.



The benefits at a glance

- ultra-fast scan mode: result every 0.5 sec
- extremely precise measurement up to a distance of 3,000yds/2,750 m (Geovid HD-B) or 2,700yds/2,500 m (Geovid HD-R)
- New, illuminated LED-display with automatic brightness adjustment and enhanced symbols
- barometric pressure, temperature sensors and angle calculation for enhanced precision

Geovid R.



Geovid 8x42 R

Geovid 10x42 R

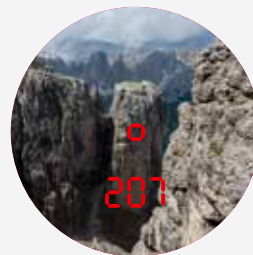
Geovid 8x56 R

Geovid 15x56 R

Reduced to maximum efficiency.

Binoculars and rangefinder – united in one product. Focusing on a handful of essential features makes the glass affordable for all who haven't chosen a pair of rangefinding binoculars. And yet, the Geovid-R offers everything an observer needs!

The measurement range of 1,200 yds (1,100 m) is more than enough for every type of range measurements. The basic Equivalent Horizontal Range (EHR) ballistics function is included, giving you a significantly greater certainty of accuracy – uphill or down. Whether over longer distances or in low-light – the Geovid R models help you clearly detect and identify animals at any time. They combine optimum optics and proven laser technology with a perfected mechanics concept. The binoculars are designed for extreme conditions, so they're always ready for action – whether for heavy-duty use or in unfavorable weather.



The benefits at a glance

- integrated laser rangefinder with a range of 1,100m/1,200yds
- fast measurements
- compact, lightweight and comfortable to hold
- intuitive handling

Rangemaster CRF.



Rangemaster CRF 2700-B



Rangemaster CRF 2400-R

NEW

Safe, precise and compact.

Small, lightweight and pocket-sized, CRF Rangemasters by Leica fit inside any pack, so they're always at hand for your observations or distance measurement. Whether you're in the mountains or on a rugged plain - when accurate distance measurement is key, the CRF 2700-B and CRF 2400-R (with Equivalent Horizontal Range EHR) give you all the data you need for precise distance determination. The precise measuring of breeding locations, altitudes of up to 2,000 metres or surface dimensions will be no problem at all.

Pinmaster Golf.



Pinmaster II grey



Pinmaster II Pro white

The rangefinding pioneer meets golf.

Over a century of top-quality optics joins 25 years' pioneering expertise in rangefinding to create the Leica Pinmaster family - laser rangefinders that are the ideal tools for hitting every green in regulation.

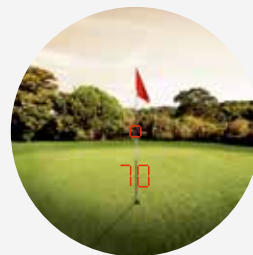
Leica takes advantage of its position as the global market leader in premium-segment, compact rangefinding, and expertly adapts these strengths to golfers' needs and wishes.

Thanks to the specially developed Leica First-Target Logic, the Leica Pinmaster II always hits the right target - the flagstick, not the tree behind it - at the push of a button. The brilliant red LED display automatically adapts to ambient light and is easy to read correctly under all conditions.



The benefits at a glance

- absolutely precise measurements up to 2,500 m/2,700 yds (CRF 2700-B) or 2,200 m/2,400 yds (CRF 2400-R) thanks to sophisticated, innovative optical and electronical concept
- extremely compact and lightweight, only 6.6 oz/189 g
- clear, readable LED display with automatic brightness control
- bright, crisp image, remarkable clarity of detail - even during twilight



The benefits at a glance

- Leica First-Target Logic: gives you an optical signal after each successful measurement
- convenient 7x magnification
- brilliant LED display
- AquaDura® coating

Suitable accessories.



■ juicy orange

order no. 42 163

Floating carrying strap in orange

All Leica full-size binoculars are waterproof. That is why we make a floating Neoprene carrying strap to make sure they don't sink if the worst happens. Their eye-catching signal orange color offers optimum protection against complete loss in situations on or near water.



order no. 42 220

Tripod adapter for binoculars

A stable platform for your Leica binoculars is particularly helpful when viewing objects at high magnifications or when you wish to focus precisely on a particular scene. The Leica tripod adapter enables simple and secure attachment of your binoculars on all standard tripods



for Noctivid
for Geovid HD-B/HD-R

order no. 42 067
order no. 42 006

Winged Eyecups for binoculars

These practical eyecups protect the eyes from direct sunlight – for long and focused viewing. When they are no longer needed, they can be simply folded over. Since they blend in perfectly with the binocular design, they are nearly invisible.



Colors

- pitch black
- chocolate brown
- juicy orange
- racing green

order no. 42 052
order no. 42 053
order no. 42 054
order no. 42 055

Neoprene binocular strap

Thanks to their contoured design, the Neoprene carrying straps from Leica adapt perfectly to the body and, thanks to a broad, cushioned Neoprene element, also offer superior comfort when carrying binoculars. The structured, rubber-like lining guarantees ideal grip on the shoulder and prevents binoculars slipping when walking or climbing. First-class materials and high-quality finishing make the Neoprene carrying straps particularly robust and hardwearing.



Colors

- pitch black
- chocolate brown
- juicy orange
- racing green

order no. 42 056
order no. 42 057
order no. 42 058
order no. 42 059

Neoprene binocular strap "Sport"

The ingeniously designed "Sport" belt allows binoculars to be carried without swinging when walking or climbing and simultaneously offers fast access to the binoculars whenever and wherever they are needed. The binoculars are automatically drawn back into the right carrying position when not in use. The Neoprene material is soft, particularly comfortable on bare skin, and the belt can be adjusted to any suitable length.



Rope Straps

Everything made for mountain climbing must be robust. In the latest collaboration between Leica and COOPH, we've taken mountaineering ropes, and created ruggedly elegant Leica binoculars straps for outdoor adventures. Made in Germany, the rope features Italian-made leather details. A stylish, yet sturdy accessory with character to carry your binoculars safely and comfortably. Suitable for all fullsize binoculars (excluding Trinovid). The Rope Straps are available in lengths of 100 cm or 126 cm and as limited editions in changing colors. Find out more on our website.

Suitable accessories.



for Ultravid & Trinovid 8x20 models order no. 42 323
for Ultravid & Trinovid 10x25 models order no. 42 324

Exclusive black leathercase with red inner lining

Inside this exclusive case made of black leather with a soft lining, your Leica compact binoculars are not only safe and sound – they're very elegantly stowed. With shoulder strap.



Colors

- brown
- green

order no. 42 060
order no. 42 061

"Aneas for Leica" binocular bags in a choice of two exclusive colors

The new "Aneas for Leica" binocular bags are ideal for the safe stowage and carrying of all binoculars with 42 mm objective lenses. Made in France, the elegant, particularly hardwearing, and weatherproof bags in robust, finest-quality canvas are available in a choice of brown or green. The bags are produced in collaboration with "Aneas", the French artisan workshop well known for their use of the premium materials, finest leathers, and elaborate finishing.



Color

- Tussock

order no. 96 540

"Swazi for Leica" binocular beret ever-ready cover for binoculars

The extremely practical and rugged "Swazi for Leica" ever-ready cover has been created for Leica in collaboration with Swazi, the well-known outdoor equipment manufacturer from New Zealand. This rugged and weatherproof cover protects binoculars against wind, weather, moisture and dirt in any situation. The binoculars are held tight against the body by the cover when walking or climbing and are immediately ready for use when needed.



Size M

Size M - for all binoculars with 32 and 42 mm objective lens, excl. Noctivid 42
order no. 42 064

Size L

for Noctivid 42 and all binoculars with 50 and 56 mm objective lens diameter
order no. 42 066

Adventure-Strap

The Leica Adventure-Strap lets you rapidly access and safely stow any pair of full-size binoculars with a 32 mm front lens diameter. Manufactured from rugged, weatherproof Neoprene, this popular carrying system offers exceptional convenience. Thanks to its ingenious design, your binoculars are carried in comfort, yet ready the second you need them – whether in mountainous terrain or on long treks.



Color

cordura, black
for APO-Televid 65 angled order no. 42 311
for APO-Televid 65 straight order no. 42 312
for APO-Televid 82 straight order no. 42 314



neoprene, brown
für APO-Televid 82 angled order no. 42 070

Ever-ready case for APO-Televid spotting scopes

These tough and hardwearing Cordura ever-ready cases with shoulder straps not only keep your APO-Televid safe and sound; they also ensure that it is ready to use whenever you need it. Thanks to the cleverly designed closing system – with extra openings for the front lens, eyepiece, focusing barrel and tripod mount – your spotting scope doesn't need to be taken out of its case for viewing and can be slung over your shoulder while still mounted on a tripod

Technical data.

Binoculars.



Binoculars	Noctivid 8 x 42	Noctivid 10 x 42	Ultravid 8 x 32 HD-Plus	Ultravid 10 x 32 HD-Plus	Ultravid 7 x 42 HD-Plus	Ultravid 8 x 42 HD-Plus	Ultravid 10 x 42 HD-Plus	Ultravid 8 x 50 HD-Plus	Ultravid 10 x 50 HD-Plus	Ultravid 12 x 50 HD-Plus
Order number	40 384 (black) 40 386 (green)	40 385 (black) 40 387 (green)	40 090	40 091	40 092	40 093	40 094	40 095	40 096	40 097
Package includes	contoured Neoprene carrying strap, front lens and eyepiece caps, Cordura case					contoured Neoprene carrying strap, front lens and eyepiece caps, Cordura case				
Front lens diameter	42 mm	42 mm	32 mm	32 mm	42 mm	42 mm	42 mm	50 mm	50 mm	50 mm
Magnification	8x	10x	8x	10x	7x	8x	10x	8x	10x	12x
Exit pupil	5.2 mm	4.2 mm	4 mm	3.2 mm	6 mm	5.2 mm	4.2 mm	6.2 mm	5 mm	4.2 mm
Field of view at 1,000 yds/m	404 ft/ 135 m	336 ft/ 112 m	404 ft/ 135 m	352 ft/ 118 m	420 ft/ 140 m	389 ft/ 130 m	336 ft/ 112 m	352 ft/ 117 m	352 ft/ 117 m	299 ft/ 100 m
Field of view for wearers with glasses	404 ft/ 135 m	336 ft/ 112 m	404 ft/ 135 m	352 ft/ 118 m	420 ft/ 140 m	389 ft/ 130 m	336 ft/ 112 m	352 ft/ 117 m	352 ft/ 117 m	299 ft/ 100 m
Exit pupil distance	0.75 in/ 19 mm	0.75 in/ 19 mm	0.52 in/ 13.3 mm	0.52 in/ 13.2 mm	0.67 in/ 17 mm	0.61 in/ 15.5 mm	0.63 in/ 16 mm	0.67 in/ 17 mm	0.59 in/ 15 mm	0.51 in/ 13 mm
Objective angle of view	7.7°	6.4°	7.7°	6.7°	8°	7.4°	6.4°	6.7°	6.7°	5.7°
Close focus range	approx. 6.2 ft/ 1.9 m	approx. 6.2 ft/ 1.9 m	approx. 7.2 ft/ 2.1 m	approx. 6.6 ft/ 2 m	approx. 10.8 ft/ 3.3 m	approx. 9.8 ft/ 3 m	approx. 9.5 ft/ 2.9 m	approx. 11.5 ft/ 3.5 m	approx. 10.8 ft/ 3.3 m	approx. 10.5 ft/ 3.2 m
Transmission	92%	91%	92%	92%	92%	92%	92%	92%	92%	92%
Diopter compensation	± 4 dpt	± 4 dpt	± 4 dpt	± 4 dpt	± 4 dpt	± 4 dpt	± 4 dpt	± 4 dpt	± 4 dpt	± 4 dpt
Adjustable eye relief	2.2–2.91 in/ 56–74 mm	2.2–2.91 in/ 56–74 mm	2.05–2.91 in/ 52–74 mm	2.05–2.91 in/ 52–74 mm	2.17–2.95 in/ 55–75 mm	2.17–2.95 in/ 55–75 mm	2.17–2.95 in/ 55–75 mm	2.28–2.91 in/ 58–74 mm	2.28–2.91 in/ 58–74 mm	2.28–2.91 in/ 58–74 mm
Coating	HDC® Plus-multicoating and AquaDura® lens coating					HDC® Plusmulticoating and AquaDura® lens coating				
Waterproof	to 16.5 ft/ 5 m	to 16.5 ft/ 5 m	to 16.5 ft/ 5 m	to 16.5 ft/ 5 m	to 16.5 ft/ 5 m	to 16.5 ft/ 5 m	to 16.5 ft/ 5 m	to 16.5 ft/ 5 m	to 16.5 ft/ 5 m	to 16.5 ft/ 5 m
Nitrogen filled	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Measurements in inch/mm (L x H x W)	4.9 x 6.1 x 2.3 124 x 154 x 59	4.9 x 6.1 x 2.3 124 x 154 x 59	4.6 x 4.6 x 2.2 116 x 116 x 56	4.6 x 4.7 x 2.2 116 x 120 x 56	4.7 x 5.6 x 2.7 120 x 141 x 68	4.8 x 5.6 x 2.6 121 x 142 x 67	4.8 x 5.8 x 2.7 121 x 147 x 68	4.7 x 7.2 x 2.7 120 x 182 x 68	4.9 x 7 x 2.8 125 x 178 x 70	4.7 x 7.2 x 3 120 x 182 x 78
Weight	approx. 30 oz/ 853 g	approx. 30 oz/ 862 g	approx. 18.9 oz/ 535 g	approx. 19.9 oz/ 565 g	approx. 27.2 oz/ 770 g	approx. 27.9 oz/ 790 g	approx. 26.5 oz/ 750 g	approx. 35.3 oz/ 1,000 g	approx. 35.3 oz/ 1,000 g	approx. 36.7 oz/ 1,040 g

Technical data.

Binoculars.



Binoculars	Ultravid 8x20 BR/leathered black/ leathered silver	Ultravid 10x25 BR/leathered black/ leathered silver
Order number	40 522 (BR) 40 605 (leathered black) 40 606 (leathered silver)	40 523 (BR) 40 607 (leathered black) 40 608 (leathered silver)
Package includes	woven fabric carrying strap, eyepiece caps, Cordura case (BR) woven fabric carrying strap, eyepiece caps, black calf leather case (leathered black/silver)	woven fabric carrying strap, eyepiece caps, black calf leather case (leathered black/silver)
Front lens diameter	20 mm	25 mm
Magnification	8x	10x
Exit pupil	2.5 mm	2.5 mm
Field of view at 1,000yds/m	341 ft/113 m	273 ft/90 m
Field of view for wearers with glasses	341 ft/113 m	273 ft/90 m
Exit pupil distance	0.59 in/15 mm	0.59 in/15 mm
Objective angle of view	6.47°	5.15°
Close focus range	approx. 6 ft/1.8 m	approx. 10.5 ft/3.2 m
Transmission	90%	90%
Diopter compensation	± 3.5 dpt	± 3.5 dpt
Adjustable eye relief	1.34–2.91 in/ 34–74 mm	1.34–2.91 in/ 34–74 mm
Coating	HDC® multicoating and AquaDura® lens coating	
Waterproof	to 16.5 ft/5 m	to 16.5 ft/5 m
Nitrogen filled	yes	yes
Measurements in inch/mm (LxHxW)	4.4 x 3.7 x 1.5 111 x 93 x 39	4.4 x 4.4 x 1.9 111 x 112 x 39
Weight	approx. 8.5 oz/240 g (BR) approx. 8.1 oz/230 g (leathered black/silver)	approx. 9.4 oz/265 g (BR) approx. 9.0 oz/255 g (leathered black/silver)



Binoculars	Leica Monovid 8 x 20	Duovid 8+ 12 x 42	Duovid 10+ 15 x 50
Order number	40 390 (Blackline) 40 391 (Red Edition) 40 650 (Silverline)	40 400	40 420
Package includes	Close focus lens, eyepiece cover, carrybag with belt loop	Neoprene carrying strap, contoured, eyepiece cover, Nappa leather case	Neoprene carrying strap, contoured, eyepiece cover, Nappa leather case, Tripod adapter
Front lens diameter	20 mm	42 mm	50 mm
Magnification	8x	8x/12x	10x/15x
Exit pupil	2.5 mm	5.25 mm/3.5 mm	5 mm/3.3 mm
Field of view at 1,000yds/m	361 ft/110 m	351 ft/118 m 268 ft/90 m	274 ft/92 m 208 ft/70 m
Field of view for wearers with glasses	361 ft/110 m	351 ft/118 m 268 ft/90 m	274 ft/92 m 208 ft/70 m
Exit pupil distance	0.59 in/15 mm	0.57 in/14,5 mm	0.57 in/14,5 mm
Objective angle of view	6.3°	6.7°/5.1°	5.3°/4°
Close focus range	approx. 6 ft/1.8 m (0.8–1 ft/25–70 cm with close focus lens)	approx. 11.1 ft/3.5 m	approx. 12.9 ft/3.8 m
Transmission	90%	89%	89%
Diopter compensation	–	± 3 dpt	± 3 dpt
Adjustable eye relief	–	2.17–2.91 in/ 55–74 mm	2.32–2.91 in/ 59–74 mm
Coating	HDC® multicoating and AquaDura® lens coating (not at close focus lens)	HDC® multicoating and AquaDura® lens coating	
Waterproof	to 16.5 ft/5 m	to 16.5 ft/5 m	to 16.5 ft/5 m
Nitrogen filled	yes	yes	yes
Measurements in inch/mm (LxHxW)	Length: 3,85/97.9 Length with close focus: 4,13/105 lens diameter: 1,39/35.5	4.7 x 6.2 x 2.6 120 x 157 x 67	5 x 7.7 x 2.6 126 x 195 x 67
Weight	approx. 4 oz/112 g monocular approx. 0.5 oz/14 g close focus lens	approx. 37 oz/1,045 g	approx. 44 oz/1,250 g

Technical data.

Binoculars.



Binoculars	Trinovid 8 x 32 HD	Trinovid 10 x 32 HD	Trinovid 8 x 42 HD	Trinovid 10 x 42 HD	Trinovid 8 x 20 BCA	Trinovid 10 x 25 BCA
Order number	40 316	40 317	40 318	40 319	40 342	40 343
Package includes	contoured Neoprene carrying strap, front lens and eyepiece caps, cordura case			contoured Neoprene carrying strap, front lens and eyepiece caps, cordura case	carrying lanyard, cordura case with belt loop	
Front lens diameter	32 mm	32 mm	42 mm	42 mm	20 mm	25 mm
Magnification	8 x	10 x	8 x	10 x	8 x	10 x
Exit pupil	4 mm	3.2 mm	5.25 mm	4.2 mm	2.5 mm	2.5 mm
Field of view at 1,000 yds/m	372 ft/124 m	342 ft/114 m	372 ft/124 m	340 ft/113 m	340 ft/113 m	273 ft/90 m
Field of view for wearers with glasses	372 ft/124 m	342 ft/114 m	372 ft/124 m	340 ft/113 m	340 ft/113 m	273 ft/90 m
Exit pupil distance	0.67 in/17 mm	0.59 in/15 mm	0.67 in/17 mm	0.59 in/15 mm	0.55 in/14 mm	0.57 in/14.6 mm
Objective angle of view	7,1°	6,45°	7,1°	6,45°	6°	5°
Close focus range	approx. 3.28 ft/1 m	approx. 3.28 ft/1 m	approx. 6 ft/1.8 m	approx. 5.3 ft/1.6 m	approx. 9.8 ft/3 m	approx. 16.5 ft/5 m
Transmission	90%	90%	90%	90%	87%	87%
Diopter compensation	± 4 dpt	± 4 dpt	± 4 dpt	± 4 dpt	± 3,5 dpt	± 3,5 dpt
Adjustable eye relief	2.28–2.99 in/ 58–76 mm	2.28–2.99 in/ 58–76 mm	2.28–2.99 in/ 58–76 mm	2.28–2.99 in/ 58–76 mm	1.26–2.91 in/ 32–74 mm	1.26–2.91 in/ 32–74 mm
Coating	HDC® multicoating and AquaDura® lens coating			HDC® multicoating and AquaDura® lens coating		
Waterproof	to 13 ft/4 m	to 13 ft/4 m	to 13 ft/4 m	to 13 ft/4 m	splash proof	splash proof
Nitrogen filled	yes	yes	yes	yes	no	no
Measurements in inch/mm (LxHxW)	4.6 x 5.1 x 2.6 117 x 130 x 65	4.6 x 5.1 x 2.6 117 x 130 x 65	4.6 x 5.5 x 2.5 117 x 140 x 65	4.6 x 5.5 x 2.5 117 x 140 x 65	3.8 x 3.6 x 1.5 96 x 92 x 37	3.6 x 4.3 x 1.5 92 x 110 x 37
Weight	approx. 22.2 oz/630 g	approx. 22.6 oz/640 g	approx. 25.8 oz/730 g	approx. 25.8 oz/730 g	approx. 8.3 oz/235 g	approx. 9.0 oz/255 g

Technical data.

APO-Televid spotting scopes.



Spotting scope	APO-Televid 65/65 W	APO-Televid 82/82 W
Model	straight view angled view (45°)	straight view angled view (45°)
Order number	40 127 (65) 40 129 (65 W)	40 119 (82) 40 121 (82 W)
Package includes	lens and bayonet caps	
Front lens diameter	65 mm	82 mm
Focal length	approx. 17.3 in/440 mm	
Close focus range	approx 9.5 ft/2.9 m	
Exit pupil, twilight factor and field of view	(please refer to eyepiece table)	(please refer to eyepiece table)
Focusing	internal focusing with dual-focusing function	
Number of objective lenses (without eyepiece)	4, with multicoating and AquaDura® lens coating	
Prism system:	Schmidt-Pechan prism	
straight viewing	Schmidt prism	
angled viewing (45°)		
Waterproof	to 16.5 ft/5 m	
Body	magnesium, nitrogen-filled	
Eyepiece attachment	quick-release bayonet	
Tripod mount	1/4", rotating, with locking screw	
Lens shade	retractable, with sighting aid	
Front lens filter thread	E67	E82
Measurements in inch/ mm (L x H x W)	11.8 x 4.3 x 3.3 in (65) 288 x 108 x 83 mm (65)	12.3 x 4.3 x 4.0 in (82) 313 x 108 x 101 mm (82)
	11.9 x 4.3 x 3.3 in (65 W) 302 x 108 x 83 mm (65 W)	12.9 x 4.3 x 4.0 in (82 W) 328 x 108 x 101 mm (82 W)
Weight	39.4 oz/1,115 g (65) 39.2 oz/1,110 g (65 W)	53.7 oz/1,520 g (82) 52.6 oz/1,490 g (82 W)

Technical data.

Eyepiece, extender and digiscoping.



Product	Leica Eyepiece 25 x–50 x WW ASPH.	Extender 1.8 x (only for APO- Televid Winkelspektive)	Leica Digiscoping lens 35 mm
Order number	41 021	41 022	42 308
Package includes	bayonet and eyepiece caps		Cordura objective lens case
Magnification	25 x to 50 x	45 x to 90 x	according to eye- piece combination
Focal length (35 mm format)	–	–	34,5
Field of view at 1,000 yds/m	135 ft/41 m (25 x) to 92 ft/28 m (50 x)	24 yds/21.6 m (45 x) to 15.3 yds/14 m (50 x)	–
Subjective angle of view	57° (25 x) to 74° (50 x)	53° (45 x) to 65° (90 x)	–
Image size	–	–	23,6 x 15,7 mm
Image diagonal	–	–	28,4 mm (APS-C, Leica T)
Smallest objective field	–	–	60,1 x 40,0 mm 31,6 x 21,1 mm (with Ext.)
Smallest objective diagonal	–	–	72,2 mm 38,0 mm (with Ext.)
Largest scale	–	–	1:2,4/1:1,3 (with Ext.)
Exit pupil:			
APO-Televid 65	2.6 mm (25 x) bis 1.3 mm (50 x)	1.5 mm (45 x) bis 0.73 mm (90 x)	–
APO-Televid 82	3.3 mm (25 x) bis 1.6 mm (50 x)	1.8 mm (45 x) bis 0.91 mm (90 x)	–
Close focus range: APO-Televid 65	11.48 ft/3.5 m	11.48 ft/3.5 m	depending on spotting scope
Close focus range: APO-Televid 82	12.96 ft/3.95 m	12.47 ft/3.8 m	depending on spotting scope
Eyepiece for wearers with glasses	yes	yes	–
Eyepiece with sliding sleeve	yes	yes	–
Waterproof	500 mbar	500 mbar	500 mbar
Max. external diameter	2.3 in/59.5 mm	2.3 in/59 mm	2.7 in/68 mm
Overall length	4.1 in/105 mm, without bayonet 3.4 in/87 mm	1.6 in/41 mm, without bayonet 0.9 in/23 mm	2.6 in/65 mm, without T2-Adapter
Weight	15.3 oz/435 g	3.2 oz/92 g	8.8 oz/250 g
For use	with Leica APO- Televid spotting scopes	with Leica APO- Televid angled version and Leica eyepiece 25 x–50 x WW ASPH.	with Leica APO- Televid spotting scopes, Leica eye- piece 25 x–50 x WW ASPH. and Leica extender 1.8 x

Technical data.

Geovid.



Rangefinder	Geovid 8x42 HD-B 3000	Geovid 10x42 HD-B 3000	Geovid 8x56 HD-B 3000	Geovid 8x42 HD-R 2700	Geovid 10x42 HD-R 2700	Geovid 8x56 HD-R 2700
Order number	40 800	40 801	40 802	40 803	40 804	40 805
Package includes	contoured Neoprene carrying strap, front lens caps, eyepiece caps, Cordura case, battery, microSD card			contoured Neoprene carrying strap, front lens caps, eyepiece caps, Cordura case, battery		
Front lens diameter	42 mm	42 mm	56 mm	42 mm	42 mm	56 mm
Magnification	8x	10x	8x	8x	10x	8x
Exit pupil	5.25 mm	4.2 mm	6.9 mm	5.25 mm	4.2 mm	6.9 mm
Field of view at 1,000 yds/m	426 ft/130 m	374 ft/114 m	387 ft/118 m	426 ft/130 m	374 ft/114 m	387 ft/118 m
Field of view for wearers with glasses	>387 ft/>118 m	>341 ft/>104 m	≥381 ft/≥116 m	>387 ft/>118 m	>341 ft/>104 m	≥381 ft/≥116 m
Exit pupil distance	0.71 in/18 mm	0.63 in/16 mm	>0.71 in/18 mm	0.71 in/18 mm	0.63 in/16 mm	>0.71 in/18 mm
Objective angle of view	7.3°	6.45°	6.625°	7.3°	6.45°	6.625°
Close focus range	approx. 16.5 ft/5 m	approx. 16.5 ft/5 m	approx. 16.5 ft/5 m	approx. 16.5 ft/5 m	approx. 16.5 ft/5 m	approx. 16.5 ft/5 m
Diopter compensation	± 4 dpt	± 4 dpt	± 4 dpt	± 4 dpt	± 4 dpt	± 4 dpt
Coating	HDC® multicoating, AquaDura® lens coating			HDC® multicoating, AquaDura® lens coating		
Prism system	Perger-Porro system	Perger-Porro system	Perger-Porro system	Perger-Porro system	Perger-Porro system	Perger-Porro system
Waterproof	to 16.5 ft/5 m	to 16.5 ft/5 m	to 16.5 ft/5 m	to 16.5 ft/5 m	to 16.5 ft/5 m	to 16.5 ft/5 m
Measurements in inch/mm (LxHxW)	4.9 x 7 x 2.8/ 125 x 178 x 70	4.9 x 6.9 x 2.8/ 125 x 174 x 70	6 x 7.4 x 3.6/ 153 x 187 x 90	4.9 x 7 x 2.8/ 125 x 178 x 70	4.9 x 6.9 x 2.8/ 125 x 174 x 70	6 x 7.4 x 3.6/ 153 x 187 x 90
Weight incl. battery	approx. 4.3 oz/975 g	approx. 4.5 oz/980 g	approx. 42.5 oz/1,205 g	approx. 34.3 oz/975 g	approx. 34.5 oz/980 g	approx. 42.5 oz/1,205 g
Change m/yds	yes	yes	yes	yes	yes	yes
Laser	eye-safe, FDA Class 1	eye-safe, FDA Class 1	eye-safe, FDA Class 1	eye-safe, FDA Class 1	eye-safe, FDA Class 1	eye-safe, FDA Class 1
Laser beam divergence	1.7 x 0.8 mrad	1.7 x 0.8 mrad	1.6 x 0.7 mrad	1.7 x 0.8 mrad	1.7 x 0.8 mrad	1.6 x 0.7 mrad
Distance measurement: Range	10 yds/10 m to approx. 3,000 yds/2,750 m	10 yds/10 m to approx. 3,000 yds/2,750 m	10 yds/10 m to approx. 3,000 yds/2,750 m	10 yds/10 m to approx. 2,700 yds/2,500 m	10 yds/10 m to approx. 2,700 yds/2,500 m	10 yds/10 m to approx. 2,700 yds/2,500 m
Measuring accuracy	± 0.5 yd/0.5 m to 219 yds/200 m, ± 1 yds/1 m to 438 yds/400 m, ± 0.5% beyond 438 yds/400 m			± 0.5 yd/0.5 m to 219 yds/200 m, ± 1 yds/1 m to 438 yds/400 m, ± 0.5% beyond 438 yds/400 m		
Measuring time	max. approx. 0.3 s	max. approx. 0.3 s	max. approx. 0.3 s	0.3 s	0.3 s	0.3 s
Measuring functions	scan mode, single measuring			scan mode, single measuring		
Display	LED display with 4 characters and ambient-light controlled brightness			LED display with 4 characters and ambient-light controlled brightness		
Barometric pressure sensor	yes	yes	yes	yes	yes	yes
Temperature sensor	yes	yes	yes	yes	yes	yes
Temperature measuring	yes	yes	yes	yes	yes	yes
Angle sensor	yes	yes	yes	yes	yes	yes
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		

Technical data.

Geovid, Rangemaster and Pinmaster.



Rangefinder	Geovid 8x42 R	Geovid 10x42 R	Geovid 8x56 R	Geovid 15x56 R
Order number	40 425 (meter version) 40 426 (yard version)	40 427 (meter version) 40 428 (yard version)	40 429 (meter version) 40 430 (yard version)	40 431 (meter version) 40 432 (yard version)
Package includes	contoured Neoprene carrying strap, front lens caps, eyepiece caps, Cordura case, battery			
Front lens diameter	42 mm	42 mm	56 mm	56 mm
Magnification	8x	10x	8x	15x
Exit pupil	5.25 mm	4.2 mm	7.0 mm	3.7 mm
Field of view at 1,000 yds/m	410 ft/ 125 m	361 ft/ 110 m	387 ft/ 118 m	246 ft/ 75 m
Field of view for wearers with glasses	394 ft/ 120 m	344 ft/ 105 m	348 ft/ 106,2 m	213 ft/ 64,8 m
Exit pupil distance	0.61 in/ 15.5 mm	0.57 in/ 14.5 mm	0.71 in/ 18 mm	0.59 in/ 15 mm
Objective angle of view	6.9°	6.0°	6.8°	4.1°
Close focus range	~ 18.4 ft/5.6 m	~ 18.4 ft/5.6 m	~ 18.4 ft/5.6 m	~ 19.4 ft/5.9 m
Diopter compensation	± 4 dpt	± 4 dpt	± 4 dpt	± 4 dpt
Coating	HDC® multicoating			
Prism system	modified Uppendahl system			
Waterproof	to 16.5 ft/5 m	to 16.5 ft/5 m	to 16.5 ft/5 m	to 16.5 ft/5 m
Measurements in inch/mm (LxHxW)	4.9x6.8x2.8n/ 125x173x70	4.9x6.6x2.8/ 125x168x70	5.3x7.2x2.7/ 135x182x68	5.3x8.3x2.8/ 134x210x70
Weight incl. battery	~ 33.5 oz/950 g	~ 33.3 oz/945 g	~ 38.8 oz/ 1,100 g	~ 45.9 oz/ 1,300 g
Laser	eye-safe, FDA Class 1			
Laser beam divergence	2.5x0.5 mrad	2.5x0.5 mrad	2.5x0.5 mrad	2.5x0.5 mrad
Range	10 yds/m to ~ 1,200 yds/1,100 m			
Measuring accuracy	± 1 yd/m to 383 yds/350 m ± 2 yds/m to 765 yds/700 m ± 0.5% beyond 765 yds/700 m			
Measuring time	0.3 s	0.3 s	0.3 s	0.3 s
Measuring functions	scan mode, single measuring			
Display	LED display with 4 characters and ambient-light-controlled brightness			
Angle sensor	yes	yes	yes	yes
Power supply	1 x 3V/CR2 lithium button cell			
Battery life	~ 2,000 measurements at 68°F/20°C			



Rangefinder	Rangemaster CRF 2700-B	Rangemaster CRF 2400-R	Leica Pinmaster II Pro	Leica Pinmaster II
Order number	40 545	40 546	40 539 (white)	40 533 (grey)
Package includes	Cordura case, carrying strap, battery			
Front lens diameter	24 mm	24 mm	24 mm	24 mm
Magnification	7x	7x	7x	7x
Exit pupil	3.4 mm	3.4 mm	3.4 mm	3.4 mm
Field of view at 1,000 yds/m	377 ft/115 m	377 ft/115 m	377 ft/115 m	377 ft/115 m
Field of view for wearers with glasses	340 ft/103,5 m	340 ft/103,5 m	379 ft/115,6 m	379 ft/115,6 m
Exit pupil distance	0.59 in/15 mm	0.59 in/15 mm	0.59 in/15 mm	0.59 in/15 mm
Objective angle of view	6.6°	6.5°	6.6°	6.6°
Close focus range	32.8 ft/10 m	32.8 ft/10 m	32.8 ft/10 m	32.8 ft/10 m
Diopter compensation	± 3.5 dpt	± 3.5 dpt	± 3.5 dpt	± 3.5 dpt
Coating	AquaDura® coating			
Prism system	roof prism with phase-correcting coating P40			
Waterproof	to 3.28 ft/1 m	to 3.28 ft/1 m	to 3.28 ft/1 m	to 3.28 ft/1 m
Measurements in inch/mm (LxHxW)	4.4x2.9x1.3/ 113x75x34	4.4x2.9x1.3/ 113x75x34	4.4x2.9x1.3/ 113x75x34	4.4x2.9x1.3/ 113x75x34
Weight incl. battery	~ 6.7 oz/189 g	~ 6.7 oz/189 g	~ 6.5 oz/185 g incl. battery	~ 7.8 oz/220 g incl. battery
Laser	eye-safe, FDA Class 1			
Laser beam divergence	~ 0.5x1.2 mrad	~ 0.5x1.2 mrad	~ 0.5x2.5 mrad	~ 0.5x2.5 mrad
Range	10 yds/m to ~ 2,700 yds/ 2,500 m	10 yds/m to ~ 2,400 yds/ 2,200 m	10 yds/m to ~ 825 yds/ 750 m	10 yds/m to ~ 825 yds/ 750 m
Measuring accuracy	± 0.5 yds/m up to 219 yds/200 m ± 1 yds/m 219 yds/200 m to 437 yds/400 m ± 2 yds/m 437 yds/400 m to 875 yds/800 m ± 0.5% 875 yds/800 m to 2,700 yds/2,500 m	± 0.5 yds/m up to 219 yds/200 m ± 1 yds/m 219 yds/200 m to 437 yds/400 m ± 2 yds/m 437 yds/400 m to 875 yds/800 m ± 0.5% 875 yds/800 m to 2,400 yds/2,200 m	± 1 yd/m to 438 yds/400 m, ± 2 yds/m to 875 yds/800 m, ± 0.5% over 875 yds/800 m	± 1 yd/m to 400 yds/366 m, ± 2 yds/m to 825 yds/750 m, ± 0.5% over 825 yds/750 m
Measuring time	~ 0.3 s	~ 0.3 s	max. 0.3 s	max. 0.85 s
Measuring functions	scan mode			
Display	LED display with 4 characters and ambient-light-controlled brightness			
Angle sensor	yes	yes	no	yes
Power supply	1 x 3V/CR2 lithium button cell			
Battery life	~ 2,000 measurements at 68°F/20°C			

Warranty and Repair.

Warranty periods for sport optics products:

Binoculars 10 years

Geovid Optics 5 years | **Electronic** 2 years

Rangemaster and Pinmaster 2 years

Eyepiece 10 years

Spotting scope 10 years

The specified warranty periods only apply to current new and unused products of the present product range in this price list. For more details of the warranty regulations, please note the warranty explanations on the warranty card.

To obtain warranty service authorization of Leica Camera AG, the customer must submit proof of purchase together with the warranty card with purchase date, signature and original dealer stamp of an authorized Leica dealer to Leica Camera AG.

If repair service is required please contact:

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