

Leica Sport Optics: Binoculars, Rangefinders & Spotting Scopes



Illustrated brochure of Leica products offered by Company Seven

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Leica Sport Optics

Binoculars, rangefinders and spotting scopes for hunting



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See more Not only do our eyes have an extraordinary capability for performance and accommodation, they also provide the primary contribution to our perception and our understanding of the world around us. Leica has been concentrating on the subject of perception for a long time, developing innovative instruments that constantly provide fascinating new viewing experiences. These include the legendary Leica cameras and projectors, as well as a line of high-grade optics for hunters that includes high-performance binoculars, spotting scopes and laser rangefinders. These instruments enhance our natural limits of perception when distances are too great or when the ambient light is too low, thus opening new dimensions for human vision.

The hunting experience Hunting is your passion, and you know only too well how difficult it is to address game with any degree of certainty. Our aim to bring mankind closer to nature and the very special Leica know-how make our optical instruments ideal companions. They withstand the severest challenges, like the stresses of impacts and of extreme temperature variations. All Leica binoculars, spotting scopes, and laser rangefinders are the result of years of experience, uncompromising high quality standards, as well as ongoing development by international innovation teams of experts and users. The latter have led to numerous patents, for example, the unique combination knob for central focusing, the dual focusing feature of Televid spotting scopes, and the functioning principle of the laser rangefinder.

Observe and preserve We also consider it to be one of our responsibilities to protect and to preserve our natural environment. Leica abides by this philosophy by using high-grade materials and technologies that are environmentally safe. In this context, for instance, the use of optical glasses that contain lead or arsenic were discontinued long ago. Leica participates in numerous nature-conservation projects around the world, with emphasis on the protection of endangered species and habitats. In Germany, for example, Leica sponsors the nature conservation center at Katinger Watt, in England Leica supports organizations for the protection of butterflies, and in the USA Leica fosters several bird protection projects.





The Duovid binoculars herald a new era in binoculars :
The LEICA DUOVID 8 + 10 x 42 and the new 10 + 15 x 50 are the first high-end binoculars worldwide with switchable magnification. They are designed for the harshest applications in hunting and they deliver brilliant images, both at great distances and in critical low light situations. In both models the lower magnification (8 x in the 42 model and 10 x in the 50 model) render a steady image with a large field of view and a great depth of field. By switching over to the higher magnification (8 x or 10 x, respectively), you are then right up close to the subject, with an astounding imaging performance, even of the very smallest details. The new Duovid 50 especially, is impressive because of its great light-gathering capability, which offers hunters and nature observers an entire visual experience. The well-balanced weight distribution and the outstanding ergonomics of both models make shake-free observation possible with both models, even at the higher magnifications. Additional technical refinements in these innovative binocular designs, like automatic diopter compensation ADC™ when the magnification is switched, and the new HighLux System, make the Duovid binoculars unique.

LEICA DUOVID 10+15x50



LEICA DUOVID 8+12x42

LEICA DUOVID 10 + 15 x 50 and 8 + 12 x 42 You now have the choice of two Duovid binoculars, each with two magnification settings. Both the compact Duovid 42 as well as the extra-bright Duovid 50 are outstanding because of the high-performance optics that are typical of Leica and because of their rugged and long-lived precision mechanisms.

LEICA DUOVID 10 + 15 x 50

In the 10x mode, this Duovid is an extra-bright universal binocular that can quickly be turned into a double binocular with a flick of two fingers : Details that up to now could only be seen with spotting scopes, you can now recognize with the Duovid when you switch to the 15x magnification – and that with both eyes.

Secure holding – even with gloves – and great image steadiness are ensured by the ergonomic shape and by the handy armoring, which is available in green or in black.



LEICA DUOVID 8 + 12 x 42

The compact Duovid 42 features both the 8x magnification with a large overview as well as the 12x magnification with greater detail rendition. Like the Duovid 50 model, its patented eyecups feature two click positions for optimal adaptation to individual requirements.

The change in magnification is accomplished separately for each tube by turning two rings. The magnification for the diopter adjustment is automatically conformed through a curved lens (ADC™).



In a wide-open field or in the mountains, observations often have to be conducted over great distances. The 12-power respectively the 15-power magnification is ideal for this purpose. The 8-power magnification, on the other hand, allows an excellent overview over the entire range.



“The Duovid with its choice of magnifications cannot be compared to zoom binoculars. Its imaging performance and the automatic diopter compensation ADC™ constitute an outstanding new class of performance. The Duovid 8 + 12 x 42 compares very well with top binoculars with fixed magnifications.” (Michael O'Brien, Birding Tour Leader & Author, USA)



“The discussion about the correct magnification of a binocular has come to an end. The optimal magnification is not a matter of the numerical value, but of the respective viewing situation. Leica Duovid binoculars satisfy this consideration.” (Stephan Albrecht, Product Manager Leica Sport Optics)

In beginning twilight, observation at 12-power magnification is rich in details because of its extremely high twilight factor. As darkness begins to set in, you may prefer the 8-power setting because of its greater image brightness and larger depth of field.



Product information for LEICA DUOVID 10 + 15 x 50 and 8 + 12 x 42

Plus Points / Models and finishes / Accessories

- ___ Switchable magnification : Wide-angle binocular, but with 12 x and 15 x magnification
- ___ High-performance optics for brilliant views with rich contrast
- ___ HLS™ Coating technology (Highlux System) with a markedly increased degree of light transmission that delivers a brighter image and enhanced contrast
- ___ Outstanding scratch-resistant optical coating HDC™
- ___ Robust die-cast nitrogen-filled aluminum housing
- ___ Automatic diopter compensation ADC™ when the magnification is switched
- ___ Multi-function center drive for great ease of focusing and diopter compensation
- ___ Patented removable eyecups with two positions
- ___ Ergonomic product styling
- ___ Watertight to a depth of 5 m (16.5 ft)

The functional **Tripod Adapter** with ¼" thread for all Trinovid and Duovid binoculars provides prolonged vibration-free observation – without danger of damage to the binocular. A tripod adapter is included with the Duovid 10 + 15 x 50 binocular.
Order No. 42 220





The Trinovid BN series encompasses fast Leica binoculars with fixed magnification : On a safari in the seething hot African desert ? On a hunting stand on a bitterly cold night in the mountains ? In nature, we occasionally encounter situations that can be very harsh on ourselves and on our equipment. At times like that, in order to continue observing with confidence, our equipment must be absolutely reliable. Highest quality optics coupled with robust and precise mechanisms and superbly ergonomic shapes make every LEICA TRINOVID BN binocular an optimal companion for the seasoned hunter. A virtually indestructible body of die-cast aluminum that is impervious to major temperature variations, patented multi-function central operation with integrated diopter adjustment for use with or without eyeglasses and the innovative HDC™ coating technology for optical surfaces are additional characteristics that distinguish the LEICA TRINOVID BN line of binoculars. Outstanding brilliance and sharpness, great ease of operation, well-balanced ergonomic form and very comfortable handling enable us to stay very close to nature even under extreme conditions.



LEICA TRINOVID 12 x 50 BN



LEICA TRINOVID 8 x 42 BN

LEICA TRINOVID BN 50 series If you also want to spend early morning and late evening hours on the hunting range – the models in the 50 series feature the highest optical performance – and excel in all viewing situations.

— **LEICA TRINOVID 8 x 50 BN**
Universal binocular with optimal light-gathering capability that permits fatigue-free viewing even in waning moonlight. A steady image and high depth of field because of its 8 x magnification.



— **LEICA TRINOVID 10 x 50 BN**
High light-gathering capability, great contrast and resolving power. Detail-rich viewing even in darkness. Because of its 10 x magnification, it is especially recommended for nighttime use on a hunting stand.

— **LEICA TRINOVID 12 x 50 BN**
High performance binocular with an extraordinarily close focusing distance of 3.25 m (less than 11 ft). Viewing is particularly rich in details because of the 12 x magnification. Remarkably steady handling thanks to its superb ergonomic form.

LEICA TRINOVID BN 42 series Are you looking for a binocular with application possibilities that are as versatile as your interests are? The models in the 42 series are robust universal binoculars with good light-gathering power and compact dimensions, available in hunter green or elegant black.

— **LEICA TRINOVID 7 x 42 BN**
For situations where a steady image is particularly important: shake-free viewing, an extremely bright image and a very large field of view for a great overview.



— **LEICA TRINOVID 8 x 42 BN**
This multi-purpose binocular with 130 m (390 ft) field of view offers a high performance in daytime and also at twilight. The combination of a steady image and the 8 x magnification is ideal for a great many applications.

— **LEICA TRINOVID 10 x 42 BN**
The powerful binocular in the 42 series, with its high contrast rendition and 10 x magnification allows steady viewing, even over great distances.

Morning and evening twilight offers hunters and nature observers the most advantageous opportunity for viewing shy wildlife. In order to maintain this advantage in diffuse light over great distances as well, you must be able to have complete confidence in your binoculars. The models in the 50 series of LEICA TRINOVID BN binoculars are the top choice for such conditions.



“LEICA TRINOVID binoculars of the 42 series are modern, internally focusing high-performance instruments. The diopter adjustment by means of the practical combination knob is particularly well conceived.” (Werner Reb in : Jäger)

“The TRINOVID series sets the standard for optical quality.” (Alaska Magazine, USA)

Whether you're stalking game or going on safari – the models in the 42 series of LEICA TRINOVID BN binoculars are truly multi-purpose. Their ergonomic form and their twilight proficiency will excite all those who wish to improve their view of nature.



LEICA TRINOVID BN 32 series Top-class imaging performance, very low weight and extremely compact dimensions make the model 32 an ideal companion, especially when hunting in the mountains. But also on hunting trips, which often take place in extreme weather conditions and in difficult terrain, you'll prefer this rugged companion to a larger binocular.



— **LEICA TRINOVID 8 x 32 BN**
Ideal all-around binocular with 8 x magnification and a wide field of view of 135 m (405 ft) that always gives you a good overview. A capable lightweight for all those who move around a lot in nature.

— **LEICA TRINOVID 10 x 32 BN**
This compact wide-angle binocular with high magnification not only provides brilliant views of distant scenes, its extreme close focusing distance of 2.10 m (less than 7 ft) allows detailed observation of nearby subjects.

Product information for LEICA TRINOVID BN binoculars

Plus Points / Hunting and Water Sport Sets

- High-performance optics for brilliant viewing with rich contrast
- Patented multi-function central adjustment for very convenient focusing- and diopter adjustment
- Nitrogen-filled die-cast aluminum body for fully dependable operation, even under extreme environmental conditions
- HDC™ multi-coating for the highest light transmission and for outstanding scratch resistance
- Watertight to a depth of 5 m (16 ft)
- Exceptionally close focusing distances, as near as 2.10 m (7 ft, 10 x 32 BN)
- Eyepieces with sliding eyecups designed especially for eyeglass wearers ensure an unrestricted overview of the entire field, with or without eyeglasses
- Outstanding depth of field provides a good overview without the need for constant refocusing
- Safe operation under all climatic conditions between -25 °C and 55 °C (-13 °F and +131 °F)

The **LEICA TRINOVID 8 x 50 BN Hunting Set** includes a green binocular, a green Neoprene carrying strap and a sturdy hard leather case.
Order No. 40 322

The **LEICA TRINOVID 10 x 42 BN Hunting Set** includes a green 10 x 42 BN binocular, a green Neoprene carrying strap and a soft, green Cordura case.
Order No. 40 323

The **LEICA TRINOVID 7 x 42 BN Water Sport Set** includes a navy blue armored binocular, an orange-colored floating carrying strap and a blue Cordura case.
Order No. 40 321

While hunting in the mountains, after the hunt for the “Big Five”, or in forest management – with binoculars of the LEICA TRINOVID BN 32 series you are simply closer to your subject. Without burdening yourself, because a high-performance binocular does not need to be bigger and heavier.



Product information for LEICA TRINOVID BN binoculars

Accessories for all outdoor activities



Sturdy **hard leather cases** for all LEICA TRINOVID BN binoculars – functional and timelessly handsome.
For binoculars of the 32 series **Order No. 42 170** / For binoculars of the 42 series **Order No. 42 168** /
For binoculars of the 50 series **Order No. 42 171**



Belt holsters for binoculars of the 32 and 42 series – quick access and freedom of movement.
For binoculars of the 32 series **Order No. 42 212** / For binoculars of the 42 series **Order No. 42 213**




Cordura cases for binoculars of the 32 and 42 series – black, soft and water-resistant.
For binoculars of the 32 series **Order No. 42 211** / For binoculars of the 42 series **Order No. 42 210**

Orange-colored **floating carrying straps** for all LEICA TRINOVID BN binoculars.
For all models **Order No. 42 163**



Black **Neoprene carrying straps** for all LEICA TRINOVID BN binoculars.
Contoured, for all models (without picture) **Order No. 42 146**
Straight, for all models **Order No. 42 162**





The compact class LEICA TRINOVID BC/BCA models 20 and 25 : Perfect viewing made easy. The handy binoculars in the line of LEICA TRINOVID compact binoculars are the perfect choice when you want to reduce your outfit to an essential minimum without compromising optical quality. High performance from the smallest space, inconspicuous and in a stylish instrument, eminently suitable for all applications – from walking the hunting ground, taking a stroll, or for the elegant ambiance of an evening at the opera. The robust housing of massive aluminum and true internal focusing ensure a durable and precise function of LEICA TRINOVID compact binoculars, as does the special HDC™ multi-coating of all lens elements. Whenever it is desirable to have a small but powerful binocular, a Leica folding compact model is exactly the right choice. A high quality and practical leather case is included with these binoculars in order to protect them securely during transportation.



LEICA TRINOVID 8 x 20 BCA

LEICA TRINOVID 10 x 25 BCA



LEICA TRINOVID BC/BCA 25 series A high-class compact binocular is readily identifiable. From the fact, for instance, that you can always have it on you. Or from the fact that it always renders outstanding performance. And above all, from its name : LEICA TRINOVID 10x25 BC/BCA.



— LEICA TRINOVID 10 x 25 BC/BCA

A compact binocular that weighs only 255 g (9 oz) that renders images with very good sharpness and contrast. Excellent detail recognition, even of distant objects, thanks to its high magnification. Available with black or green rubber armor or with elegant leather covering.

The compact, light-weight LEICA TRINOVID 10 x 25 BC/BCA is the ideal second binocular for stalking. Its weather-fast and spray water protected construction is especially suitable for hard outdoor use, where its extraordinary optical qualities are virtually indispensable, in particular for daytime hunting.



“The binocular market is pretty competitive at the top, but nobody has yet climbed above Leica.” (Rifle Magazine, USA)

LEICA TRINOVID BC/BCA 20 series The advantages are obvious : they lie in our hands, because the compact construction and the light weight of only 235 g (8.3 oz) make the small binoculars of the 20 series extremely pleasant to use – in the strong 8 x magnification.



— LEICA TRINOVID 8 x 20 BC/BCA

A highly versatile binocular with a large field of view of 115m (345 ft) and a close focusing distance of only 3 m (less than 10 ft). Very steady viewing because of its 8 x magnification. Available with black or green armor or with a leather covering and three different metal colors. Only 9 x 6 cm (3 x 2.375 inches) small!

The easiest, yet the most secure way to observe game : The LEICA TRINOVID 8 x 20 BC/BCA binocular. Thanks to its double hinge, it becomes particularly small, so that it easily fits in virtually any pocket – ready at any time when an interesting subject presents itself. A high-quality leather case is included in order to protect your compact binocular securely during transportation.



“The image quality can only be described as ‘Optics of the very best kind’. Bright, sharp to the edges, with true color fidelity, this small marvel performs extraordinarily well, even in waning light.” (Deutsche Jagd Zeitung)

Product information for LEICA TRINOVID compact binoculars

Plus Points / Models and finishes / Accessories

- Outstanding optical performance, small dimensions and light weight
- HDC™ multi-coating of all lens elements for highest light transmission and high scratch resistance
- Robust, stylish aluminum body for dependable function, even under extreme environmental conditions
- Eyepieces for eyeglass wearers, with sliding eyecups that allow an overview of the entire viewing field, with or without eyeglasses
- Sealed construction with true internal focusing for the best possible protection of internal precision components
- Outstanding depth of field enables you to maintain an overview without the need for frequent refocusing
- An attractive, soft leather case is included for protected transportation

The models armored with leather design, with silver- or black anodized or titanium-colored lacquered metal surfaces are particularly elegant versions. The models with black or green rubber armoring are optimal for observation in nature.



LEICA TRINOVID 8 x 20 BC/BCA leather design, silver finish **Order No. 40 352** / Leather covering, titanium finish **Order No. 40 353** / Leather covering, black **Order No. 40 351** / Rubber armoring, black **Order No. 40 354** / Rubber armoring, green **Order No. 40 355**



LEICA TRINOVID 10 x 25 BC/BCA leather covering, black **Order No. 40 356** / Rubber armoring, black **Order No. 40 358** / Rubber armoring, green **Order No. 40 357**



An attractive and protective **soft leather case** is included with all compact binoculars.
For LEICA TRINOVID 8 x 20 BC/BCA **Order No. 42 198**
For LEICA TRINOVID 10 x 25 BC/BCA **Order No. 42 199**





The orientation experts LEICA GEOVID, LEICA RANGEMASTER 1200 scan, LEICA RANGEMASTER 900 scan and LEICA PINMASTER : knowing the distance to the game makes a fast, safe and successful hunt possible. And the Leica laser rangefinders tell you exactly how far away you are from your target. The innovative LEICA GEOVID offers you even more : it combines a powerful binocular and a laser rangefinder with a range of 1,000 m (1,094 yards) in a single instrument – thus becoming the undisputed reference instrument in the field, at sea or in the air. The same high-end laser technology is also employed in the new LEICA RANGEMASTER 1200 scan and 900 scan and in the LEICA PINMASTER. These ultra-compact monocular laser rangefinders have ranges from 640 m (400 yards) for the Pinmaster, up to 1,097 m (1,200 yards) for the 1200 scan. Both Range masters as well as the Pinmaster (which is a rangefinder designed especially for the sport of golf) feature an additional scan function that continually updates the readings when the release button is kept depressed. The scan function is particularly useful when hunted game is in motion and at large distances. Furthermore, all these instruments are also impressive for their extraordinarily bright viewfinder optics that are unusual in their class and for the 7 x magnification and integrated diopter compensation.

LEICA RANGEMASTER 1200 scan



LEICA GEOVID 7x42 BD

LEICA GEOVID 7 x 42 BD The multi-function LEICA GEOVID BD satisfies all the tasks of observation and rangefinding at the highest level and makes accurate orientation possible in nature.



— **LEICA GEOVID 7 x 42 BD**
Multi-functional high-performance binocular with 7 x magnification and laser-accurate distance measurement from 25 to 1,000 m (27 to 1,094 yards).

LEICA RANGEMASTER 1200 and 900 scan / LEICA PINMASTER

With the push of a button, laser rangefinders tell you exactly how far away you are from your target – in meters or in yards ! The scan function provides a fast overview of the field. You will no longer want to miss this compact companion.



— **LEICA RANGEMASTER 900 scan**
Monocular laser rangefinder with 7 x viewfinder magnification and a range of 826 m (903 yards). With an LED display that adjusts itself to ambient brightness. Scan function and integrated diopter compensation.



— **LEICA RANGEMASTER 1200 scan**
With an even greater performance and the extensive range of 1,097 m (1,200 yards), this laser rangefinder brings you more confidence, even in poor weather conditions. It features 7 x viewfinder magnification, LED display, scan function and integrated diopter compensation.

— **LEICA PINMASTER**
Laser rangefinder for the sport of golf. With 7 x viewfinder magnification, integrated diopter compensation and a range of 640 m (700 yards). Scan function for continually updated distance readings, first target logic for accurate ranging of smaller targets.

Accurate, fast and easy distance measurement to the sighted target. With the LEICA GEOVID BD you can readily master this task, even under unfavorable environmental conditions. The advanced Leica optics in this high-tech instrument set new standards.



Accurate, silent, water spray resistant and with non-slip rubber armoring, the LRF are designed for use outdoors – indispensable for hunting.

“With the LRF the Leica Company achieved a great coup. For a rangefinder, the optics are very good, distance measurement within the range that is interesting for hunters is first class, and its dimensions lead this handy instrument to become a constant companion.”
(Norbert Klups in : “Deutsche Jagd Zeitung”)

“The LEICA LRF’s compact size, light weight, excellent optical performance, and affordable retail price set new standards for this product category.”
(Shooting Industry, USA)

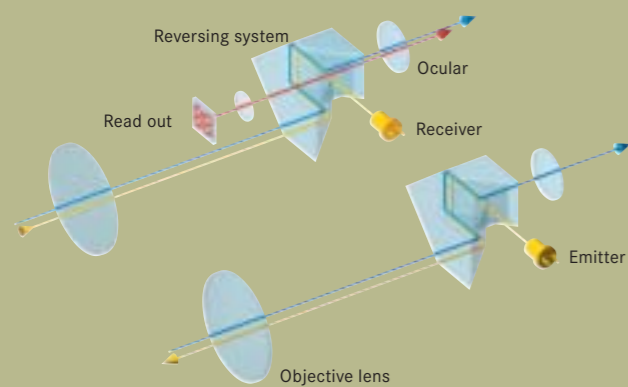
Product information LEICA GEOVID 7 x 42 BD,
 LEICA RANGEMASTER 1200 scan, LEICA RANGEMASTER 900 scan,
 LEICA PINMASTER

Plus Points / Rangefinding

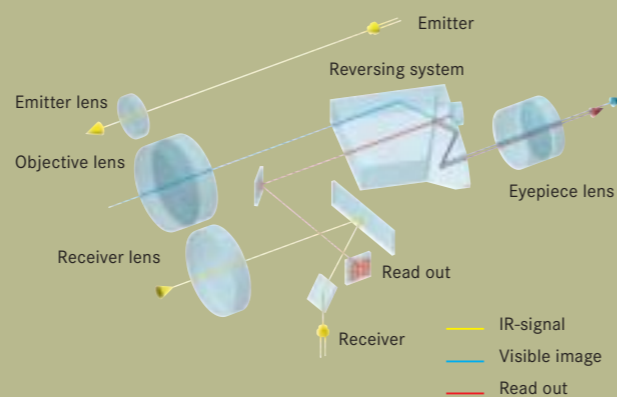
- Maximal range
 LEICA GEOVID : 1,000 m/1,093 yds
 LEICA RANGEMASTER 1200 scan : 1,097 m/1,200 yds
 LEICA RANGEMASTER 900 scan : 826 m/903 yds
 LEICA PINMASTER : 640 m/700 yds
- Measurement accuracy
 LEICA GEOVID : ± 2 m/ ± 6 ft up to 1,000 m/1,094 yds
 LEICA RANGEMASTER 1200 scan : ± 1 m/ ± 3 ft up to 400 m/437 yds,
 ± 2 m/ ± 6 ft up to 800 m/875 yds
 LEICA RANGEMASTER 900 scan : ± 1 m/ ± 3 ft up to 200 m/219 yds,
 ± 2 m/ ± 6 ft up to 600 m/656 yds
 LEICA PINMASTER : ± 1 m/ ± 3 ft up to 200 m/219 yds, ± 2 m/ ± 6 ft up to 600 m/656 yds
- Sighting optics with 7 x magnification, optimal imaging performance and integrated diopter compensation
- LED display with brightness control that automatically adjusts itself to ambient brightness conditions
- Eye-safe invisible class 1 laser, conforms to EN and FDA
- Water spray protected, non-slip rubber armoring
- Includes case and battery
- 2 years guarantee

Rangefinding While pressing the measuring key and using the sighting mark, aim at the target. After briefly pressing the key, the instrument sends an eye-safe light pulse that is reflected by the target. Based on the time elapsed when the reflected signal has returned, the microprocessor computes the distance and displays it within the field of view.

LEICA GEOVID



LEICA RANGEMASTER 1200 and 900 scan / PINMASTER





The high performance spotting scopes LEICA TELEVID 77, LEICA APO-TELEVID 77, LEICA TELEVID 62 and LEICA APO-TELEVID 62 : Leica spotting scopes guarantee intense experiences right close to the events - while hunting in the mountains, in the steppes or from a shooting stand. The legendary models 77 with their large front lens diameter deliver an extremely bright image and high contrast that are impressive in every way. The models 77 have been complemented by the smaller and lighter Televid 62 spotting scopes in four versions that are easy to transport and pleasant to handle. Weighing only approximately 1,000 grams (35 oz) and measuring only 300 mm (11 in), they satisfy the wishes of numerous users. Their imaging performance sets new standards for the compact class : Their picture sharpness is comparable to that of the large 77 models and their brightness and contrast are also outstanding. The APO versions heighten the visual experience even further with the highest possible freedom from color fringes in the field of view. The 62 models are particularly well suited for daytime observation. They feature patented, fast dual focusing and an ergonomic, watertight housing. Thanks to a uniform bayonet mount, the ample line of wide-angle and zoom eyepieces can be used on both types of spotting scopes.



LEICA TELEVID 77

LEICA APO-TELEVID 62

LEICA TELEVID 77 Both the straight and the angled versions of LEICA TELEVID 77 spotting scopes provide high-magnification viewing with the highest possible imaging quality – from daybreak through evening twilight.



— **LEICA TELEVID 77**

A spotting scope with neutral color rendition, rich contrast and an extraordinarily bright image. Remarkable near-focusing range down to 3.95 m (13 ft) for fantastic viewing experiences at close proximity. Five precision eyepieces with different magnifications are available.

LEICA APO-TELEVID 77 Those who are looking for a highly corrected top-of-its-class spotting scope will be enthusiastic about the LEICA APO-TELEVID 77. Even the tiniest details are reproduced faithfully and with the very best resolution.



— **LEICA APO-TELEVID 77**

Top-of-its-class spotting scope for professionals. With fluorite containing optical glasses for images without color fringes and with unmatched sharpness. Near focusing range down to 3.95 m (13 ft). Versatile applications by means of five precision eyepieces with different magnifications.



Experience the fascination of nature at closest range – Clearly and distinctly with the LEICA TELEVID 77.

“Leica optics are simply the best.”
(Bill Oddie, England)

“A telescope of the highest performance category that achieves outstanding imaging performance by means of fluorite lenses.” (Thomas Iwan in : Wild und Hund)

“The APO version is a marvel with a sharp, bright image. Contrast, resolution, brightness and clarity are excellent, and are not duplicated in ordinary scopes.” (Precision Shooting, USA)



LEICA TELEVID 62 A compact, lightweight spotting scope with high-performance optics, the LEICA TELEVID 62 is ideal for mobile observation outdoors as practiced by nature lovers, hunters, sports fans and hikers.



— **LEICA TELEVID 62**

Compact straight or angled spotting scope with outstanding imaging performance. They have fixed tripod sockets for maximal stability.

Depending on the model, the basic weight is 910 grams (32 oz).

LEICA APO-TELEVID 62 The APO version enhances the imaging performance, which is already unusually high for a compact spotting scope, even further. And with the ample selection of standard, zoom and wide-angle eyepieces, the LEICA APO-TELEVID 62 can be tailored perfectly to particular applications.



— **LEICA APO-TELEVID 62**

The optimal variant for all those who are on the road a lot and who use their scopes mostly while they are mounted on tripods. With fluorite-containing optical glasses for images free from color fringes and with unequalled sharpness. Robust housing with partial rubber armoring.



The LEICA TELEVID 62 is perfect for experiencing nature in its purest form. If you wish, you can even record such subjects photographically by using an adapter. The Digital Adapter makes it possible to couple the LEICA DIGILUX 1.

“The Televid 62 offers astounding image sharpness, yet it is lightweight and its dimensions are compact. Its robust and watertight construction makes it an ideal companion for all those who are frequently underway in nature.” (Terry Moore, Sport Optics Division Leica Camera Inc., USA)

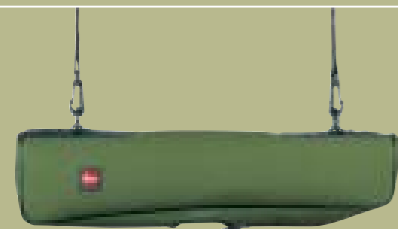
“The Televid 77 has been much praised for its outstanding imaging performance, for its precise dual focusing system and for its stylish housing. The new Televid 62 is now being offered as an ideal complement for all those who seek an additional lightweight top-quality spotting scope, especially as all the eyepieces for the Televid 77 can also be used on the Televid 62.” (Scott Roederer, Dedicated Birder & Author, USA)



Product information for LEICA TELEVID 77, LEICA APO-TELEVID 77, LEICA TELEVID 62 and LEICA APO-TELEVID 62

Plus Points / Accessories / Eyepieces

- Watertight, nitrogen-filled housing
- Innovative patented dual focusing
- Remarkable close-up range of only 3.50 m/11 ft for the Televid 62 or 3.95 m/13 ft for the Televid 77
- Highest optical performance with anti-reflection multi-coating
- Unique ergonomic design
- Compatible line of 5 eyepieces
- 10-year complete guarantee



Carrying case, complete with neoprene carrying strap
Fits all the 77-models. **Order No. 42 316**



Eveready case with a special closure system that permits the use of the spotting scope without removing it from the case – for permanent protection. Available for the straight and the angled versions.
For model 77 spotting scopes: Angled version: **Order No. 42 310** /
Straight version: **Order No. 42 315**
For model 62 spotting scopes: Angled version: **Order No. 42 318** /
Straight version: **Order No. 42 319**

Five **eyepieces** with various magnifications are available for model 77 and model 66 spotting scopes, all of them fully compatible. That is because the bayonet mount is the same on all the spotting scopes. That also means that you can use the same eyepieces on both spotting scopes when you buy a second scope. Because the focal length of the model 62 spotting scope is 20% shorter than that of the model 77 spotting scope, the magnification of the same eyepiece when used on the model 62 spotting scope is also reduced by 20%. For example: a 20x WW eyepiece on a model 77 spotting scope becomes an eyepiece with 16x magnification when used on a model 62 spotting scope. The greatest flexibility is offered by the zoom ocular with its continuously adjustable magnification from 20 x to 60 x (on a model 77 spotting scope) or 16 x to 48 x (on a model 62 spotting scope). A large, sharp-to-the-edges wide-angle field of view is produced by the 20 x WW (16 x WW) and also by the 32 x WW (26 x WW). A new 32 x wide-angle eyepiece, computed especially for use on the model 62 spotting scope, is also available. The compact 40 x (32 x) eyepiece is particularly well suited for observation at great distances. For a clearer designation, all eyepieces are now being equipped with two engravings. That will always quickly enable you to determine the magnification that you are using at the moment.



20 x WW/16 x
Order No. 41 009



32 x WW/26 x WW
Order No. 41 011



40 x/32 x
Order No. 41 003



40 x WW/32 x WW
Order No. 41 007



20–60 x/16–48 x
Order No. 41 005

The **Astro Adapter** is available for attaching Leica eyepieces or the Photo Adapter to astronomic telescopes with 1¼"-inch connections. **Order No. 42 421**



Photo Adapters for model 77 spotting scopes transform the latter into super-telephoto lenses. The connection with a single-lens-reflex camera is established by means of a T2 adapter.
1:10.4/800 mm **Order No. 42 300**
1:13.0/1.000 mm **Order No. 42 301**



Photo adapter 1:12.9 / 800 mm for model 62 spotting scopes also transform the latter into super-telephoto lenses. The connection with a single-lens-reflex is also established by means of a T2 adapter. **Order No. 42 301**

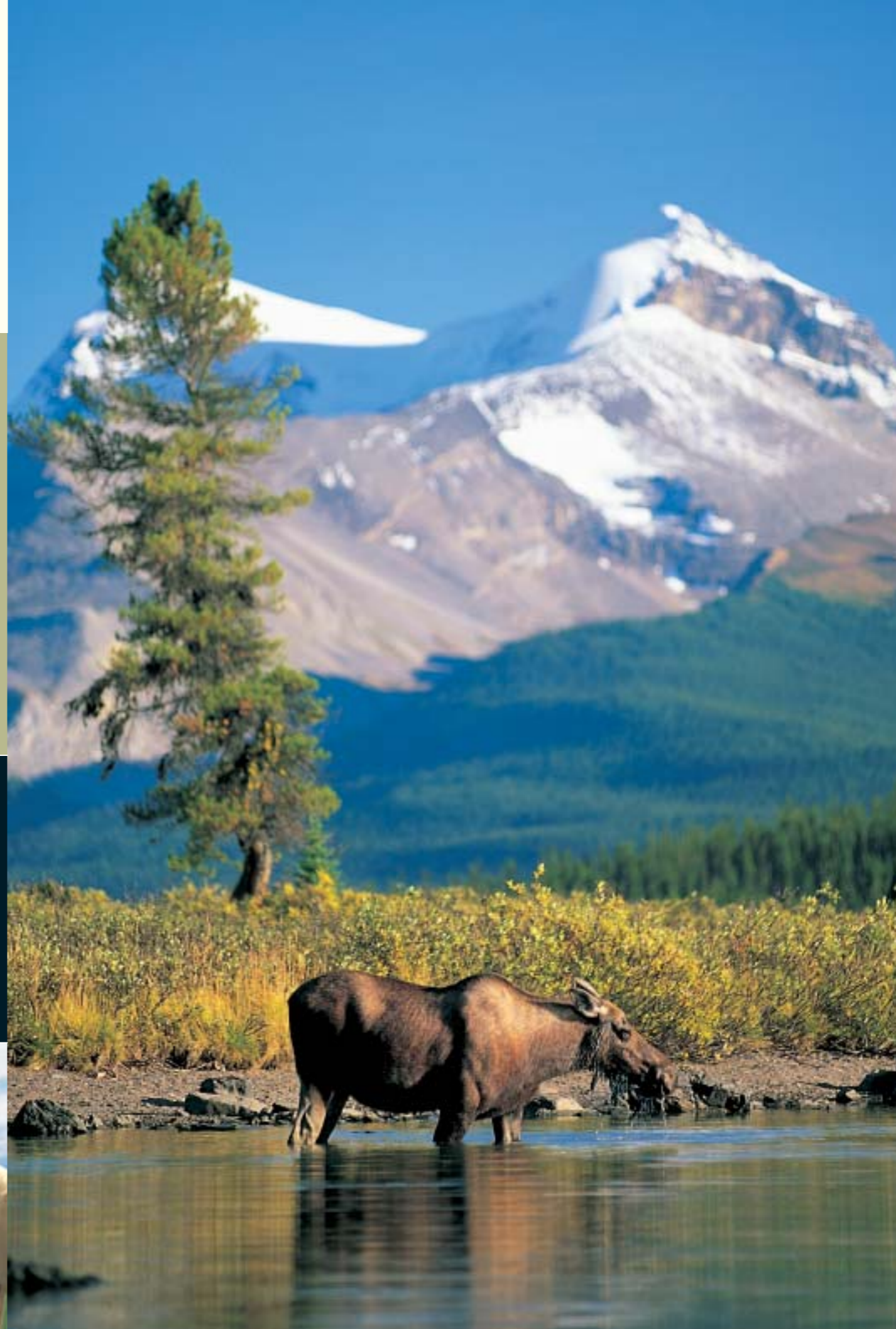
T2-Adapter for the Leica R System. **Order No. 42 305**

Leica Digiscoping The combination of a Leica spotting scope with the high-grade LEICA DIGILUX 1 digital camera opens new vistas in nature observation : Fascinating moments can be captured immediately, evaluated on the large display monitor, manipulated on the computer, filed, printed ...

The Leica digital adapter transforms the spotting scope into a super-telephoto lens, because it makes it possible to attach the LEICA DIGILUX 1 digital camera to the eyepiece of a LEICA TELEVID 62 or 77 spotting scope. Both instruments complement each other perfectly : Thanks to legendary high Leica quality throughout the combination, brilliant photographs can also be made of very distant subjects. The large 2.5-inch hooded monitor even allows several persons to observe the scene at the same time. The fully automatic operating mode of the digital camera nearly always leads to immediate perfect results. Of course all the other operating modes can also be used for deliberate creative compositions. If desired, an image manipulation program can subsequently be used on a computer to select a rectangular cropping from the round picture produced by the spotting scope. Whether you file your best pictures in the computer, print them out for an album, post them on your website or submit them to appropriate magazines – Digiscoping gives you all these options !



“Digiscoping is the innovation that enables birdwatchers and nature observers to enjoy their views of nature over and over again. It works remarkably smoothly, and the results are most impressive : As one might expect, the combination of a Leica spotting scope and a Leica digital camera lead to the ultimate digiscoping experience !”
(Steve Dudley, birdwatcher, UK)



Technical Data



Binocular	LEICA DUOVID 10 + 15 x 50	LEICA DUOVID 8 + 12 x 42
Order No. Binocular		
Rubber armored, black	40 420	40 400
Rubber armored, green	40 421	40 405
Delivery scope	Neoprene carrying strap, eyepiece cover and Nappa leather case, Tripod Adapter	Neoprene carrying strap, eyepiece cover and Nappa leather case
Magnification	10 x / 15 x	8 x / 12 x
Front lens diameter	50 mm	42 mm
Exit pupil	5.0 mm / 3.3 mm	5.25 mm / 3.5 mm
Twilight factor	22.36 / 27.39	18.33 / 22.45
Field of view at 1,000 m/yds	90 m / 70 m	120 m / 90 m
Objective angle of view	5.2° / 4.0°	6.9° / 5.1°
Close focusing distance	approx. 3.9 m / 12.9 ft	approx. 3.6 m / 11.10 ft
Diopter compensation	± 3 diopters	± 3 diopters
Automatic diopter compensation ADC™	yes	yes
Eyepieces for eyeglass wearers	yes	yes
Adjustable interpupillary distance	57-74 mm	56-74 mm
Sliding Eyecups	yes, removable	yes, removable
Focusing	Internal focusing via central focusing drive	Internal focusing via central focusing drive
No. of elements (each side)	11, all with HDC™ coating	11, all with HDC™ coating
Prism system	Roof prism with phase correcting coating P 40 and HLS™ (HighLux-System)	Roof prism with phase correcting coating P 40 and HLS™ (HighLux-System)
Watertightness	Watertight to a depth of 5 m / 16.5 ft	Watertight to a depth of 5 m / 16.5 ft
Housing	Die-cast aluminum, nitrogen-filled	Die-cast aluminum, nitrogen-filled
Dimensions (W x H x D)	125 x 197 x 67 mm / 4 1/2 x 7 3/4 x 3 1/2 in	120 x 157 x 67 mm / 4 3/4 x 6 3/16 x 2 5/8 in
Weight	approx. 1.270 g / 44 oz	approx. 1.040 g / 37 oz
Order No. Accessories		
Neoprene carrying strap, straight	42 162	42 162
Neoprene carrying strap, contoured	42 146 (included)	42 146 (included)
Floating carrying strap, orange	42 163	42 163
Tripod Adapter	42 220 (included)	42 220



Technical Data



Binocular	LEICA TRINOVID 10 x 32 BN	LEICA TRINOVID 8 x 32 BN	LEICA TRINOVID 10 x 25 BC/BCA	LEICA TRINOVID 8 x 20 BC/BCA
Order No. Binocular				40 352
Leather style, silver	-	-	-	40 353
Leather style, titanium	-	-	-	40 351
Leather style, black	-	-	40 356	40 351
Rubber armored, black	40 015	40 016	40 358	40 354
Rubber armored, green	-	-	40 357	40 355
Delivery scope	Neoprene carrying strap, eyepiece cover and Nappa leather case	Neoprene carrying strap, eyepiece cover and Nappa leather case	Double-ended carrying strap, soft leather case	Double-ended carrying strap, soft leather case
Magnification	10 x	8 x	10 x	8 x
Front lens diameter	32 mm	32 mm	25 mm	20 mm
Exit pupil	3.2 mm	4 mm	2.5 mm	2.5 mm
Twilight factor	17.9	16.0	15.8	12.65
Field of view at 1,000 m/yds	120 m/yds	135 m/yds	95 m/yds	115 m/yds
Objective angle of view	6.8°	7.7°	5.4°	6.6°
Close focusing distance	approx. 2.1 m/6.9 ft	approx. 2.2 m/7.2 ft	approx. 5 m/16.4 ft	approx. 3 m/9.8 ft
Diopter compensation	± 4 diopters	± 4 diopters	± 3.5 diopters	± 3.5 diopters
Eyepieces for eyeglass wearers	yes	yes	yes	yes
Sliding Eyecups	yes	yes	yes	yes
Adjustable interpupillary distance	56–74 mm/ 2 3/16–2 13/16 in	56–74 mm/ 2 3/16–2 13/16 in	32–83 mm 1 1/4–3 1/4 in	32–83 mm 1 1/4–3 1/4 in
Focusing	Internal focusing via central focusing drive	Internal focusing via central focusing drive	Internal focusing via central focusing drive	Internal focusing via central focusing drive
No. of lens elements (each side)	11, all multi-coated	9, all multi-coated	6, all multi-coated	6, all multi-coated
Prism system	Roof prism with phase correction layer	Roof prism with phase correction layer	Roof prism with phase correction layer	Roof prism with phase correction layer
Watertightness	Watertight to a depth of 5 m/16.4 ft	Watertight to a depth of 5 m/16.4 ft	Water spray resistant	Water spray resistant
Housing	Metal, filled with nitrogen	Metal, filled with nitrogen	Metal	Metal
Dimensions (W x H x D)	120 x 112 x 45 mm/ 4 3/4 x 4 13/32 x 1 3/4 in	120 x 112 x 45 mm/ 4 3/4 x 4 13/32 x 1 3/4 in	60 x 110 x 36 mm/ 2 3/4 x 4 3/16 x 1 1/16 in	60 x 92 x 35 mm/ 2 3/8 x 3 3/8 x 1 3/8 in
Weight	approx. 660 g/23.3 oz	approx. 625 g/22 oz	approx. 245 g/8.6 oz (BC), 255 g/9.0 oz (BCA)	approx. 225 g/7.9 oz (BC), 235 g/8.3 oz (BCA)
Order No. Accessories				
Soft leather pouch	-	-	42 199 (included)	42 198 (included)
Hard leather case	42 170	42 170	-	-
Belt holster	42 212	42 212	-	-
Cordura case, black	42 211	42 211	-	-
Neoprene carrying strap, straight	42 162	42 162	-	-
Neoprene carrying strap, contoured	42 146	42 146	-	-
Floating carrying strap, orange	42 163	42 163	-	-
Tripod Adapter	42 220	42 220	-	-

Technical Data



Product	LEICA GEOVID 7 x 42 BD	LEICA RANGEMASTER 1200 scan	LEICA RANGEMASTER 900 scan	LEICA PINMASTER
Order No. Product	40 023 (read-out in meters) 40 024 (read-out in yards)	40 520 (black only)	40 510 (green only)	40 530
Supplied with	Neoprene carrying strap, eyepiece cover, Cordura case and battery	Case, carrying cord and battery	Case, carrying cord and battery	Case, carrying cord and battery
Magnification	7 x	7 x	7 x	7 x
Front lens diameter	42 mm	21 mm	21 mm	21 mm
Exit pupil	6 mm	3 mm	3 mm	3 mm
Twilight factor	17.1	12.1	12.1	12.1
Field of view at 1,000 m/yds	120 m/yds	112 m/yds	112 m/yds	112 m/yds
Objective angle of view	6.9°	6.4°	6.4°	6.4°
Diopter compensation	increased to ± 4 diopters	increased to ± 4 diopters	increased to ± 4 diopters	increased to ± 4 diopters
Distance measurement				
Range	25 yds to approx. 1,093 yds	11 yds to approx. 1,200 yds	16 yds to approx. 902 yds	11 yds to approx. 700 yds
Accuracy	± 1 yd up to 218 yds ± 2 yds to 1,093 yds	± 1 yd up to 1,200 yds ± 2 yds up to 874 yds ± 0,5 % beyond 874 yds	± 1 yd up to 219 yds ± 2.2 yds up to 656 yds ± 0,5 % beyond 219 yds	± 1 yd up to 219 yds ± 2.2 yds up to 656 yds ± 0,5 % beyond 219 yds
Read-outs	LED display easily legible in any lighting with automatic brightness control	LED display easily legible in any lighting with automatic brightness control	LED display easily legible in any lighting with automatic brightness control	LED display easily legible in any lighting with automatic brightness control
Eyepieces for eyeglass wearers	yes	yes	yes	yes
Focusing	individual adjustable eyepieces	-	-	-
Prism system	Porro prism system	Roof prism system	Roof prism system	Roof prism system
Watertightness	Water spray resistant	Water spray resistant	Water spray resistant	Water spray resistant
Housing	Metal	Carbon fiber-reinforced plastic material	Carbon fiber-reinforced plastic material	Carbon fiber-reinforced plastic material
Tripod base	1/4"	-	-	-
Power supply	6 V, Battery type 2CR5	Battery 9V/alkaline manganese E block (6LR 61)	Battery 9V/alkaline manganese E block (6LR 61)	Battery 9V/alkaline manganese E block (6LR 61)
Dimensions (W x H x D)	178 x 206 x 81 mm/ 7 x 8 1/8 x 8 3/16 in	105 x 120 x 40 mm/ 4 1/8 x 4 3/4 x 1 1/16 in	105 x 120 x 40 mm/ 4 1/8 x 4 3/4 x 1 1/16 in	105 x 120 x 40 mm/ 4 1/8 x 4 3/4 x 1 1/16 in
Weight	approx. 1,350 g/47.5 oz	without battery 280 g/9.9 oz with battery 320 g/11.25 oz	without battery 280 g/9.9 oz with battery 320 g/11.25 oz	without battery 280 g/9.9 oz with battery 320 g/11.25 oz
Meter/Yard Selector	no	yes	yes	yes
Laser	Eye-safe invisible laser according to EN and FDA class 1	Eye-safe invisible laser according to EN and FDA class 1	Eye-safe invisible laser according to EN and FDA class 1	Eye-safe invisible laser according to EN and FDA class 1
Laser beam divergence	approx. 0.3 x 1.5 mrad	approx. 0.5 x 2.4 mrad	approx. 0.5 x 2.4 mrad	approx. 0.5 x 2.4 mrad
Measuring time	maximum approx. 0.3 s	maximum approx. 0.85 s	maximum approx. 0.85 s	maximum approx. 0.85 s
Measuring mode	-	Scanning mode Multiple mode	Scanning mode Multiple mode	Scanning mode
Multiple range finding	no	Two targets at different distances can be ranged simultaneously.	Two targets at different distances can be ranged simultaneously.	Two targets at different distances can be ranged simultaneously.
Battery lifetime	approx. 1,000 measurements	approx. 1,000 measurements	approx. 1,000 measurements	approx. 1,000 measurements
Order No. Accessories				
Floating carrying strap, orange	42 163	-	-	-
Tripod Adapter	-	42 221	42 221	42 221

Technical Data



Spotting Scope	LEICA TELEVID 77	LEICA APO-TELEVID 77
Order No. Spotting scope		
Straight viewing	40 103	40 104
Angled viewing (45°)	40 101	40 102
Supplied with	Front and rear caps	Front and rear caps
Front lens diameter	77 mm	77 mm
Focal length of the lens	440 mm	440 mm
Close focusing distance	approx. 3.9 m/12.9 ft	approx. 3.9 m/12.9 ft
Exit pupil, twilight factor and field of view	See eyepiece chart page 60	See eyepiece chart page 60
Focusing	Internal focusing with coarse and fine drives	Internal focusing with coarse and fine drives
No. of lens elements (excluding the eyepiece)	2, all multi-coated	3 (fluorite), all multi-coated
Prism system	Porro prism system	Porro prism system
Watertightness	Watertight to a depth of 3 m or approx. 10 ft	Watertight to a depth of 3 m or approx. 10 ft
Housing	Metal, filled with nitrogen	Metal, filled with nitrogen
Eyepiece connection	Rapid-change bayonet	Rapid-change bayonet
Tripod base	¼", rotating with locking screw	¼", rotating with locking screw
Lens hood	Sliding lens hood with sighting aid	Sliding lens hood with sighting aid
Filter thread	E 77	E 77
Dimensions (W x H x D)	105 x 390 x 93 mm/4 1/8 x 15 3/8 x 3 1/16 in	105 x 410 x 93 mm/4 1/8 x 16 1/8 x 3 1/16 in
Weight	1.495 g/52.8 oz	1.695 g/59.8 oz
No. of Accessories		
Eyepiece 20 x WW	41 009	41 009
Eyepiece 32 x WW	41 011	41 011
Eyepiece 40 x	41 003	41 003
Eyepiece 40 x WW	41 007	41 007
Zoom eyepiece 20-60 x	41 012	41 012
Photo Adapter 1:10.4/800 mm	42 300	42 300
Photo Adapter 1:13.0/1.000 mm	42 301	42 301
T2 Adapter for Leica	42 305	42 305
UVa filter	13 337	13 337
Cordura ever-ready case		
for straight viewing scope	42 315	42 315
for angled viewing scope	42 310	42 310
Carrying case	42 316	42 316

Technical Data



Spotting Scope	LEICA TELEVID 62	LEICA APO-TELEVID 62
Order No. Spotting scope		
Straight viewing	40 108	40 106
Angled viewing (45°)	40 109	40 107
Supplied with	Front and rear caps	Front and rear caps
Front lens diameter	62 mm	62 mm
Focal length of the lens	352 mm	352 mm
Close focusing distance	approx. 3.5 m/11.5 ft	approx. 3.5 m/11.5 ft
Exit pupil, twilight factor and field of view	See eyepiece chart page 60	See eyepiece chart page 60
Focusing	Internal focusing with coarse and fine drives	Internal focusing with coarse and fine drives
No. of lens elements (excluding the eyepiece)	2, all multi-coated	3 (fluorite), all multi-coated
Prism system	Porro prism system	Porro prism system
Watertightness	Watertight to a depth of 3 m or approx. 10 ft	Watertight to a depth of 3 m or approx. 10 ft
Housing	Metal and fiberglass-reinforced plastic material	Metal and fiberglass-reinforced plastic material
Eyepiece connection	Rapid-change bayonet	Rapid-change bayonet
Tripod base		
for straight viewing scope	¼"	¼"
for angled viewing scope	¼", rotating with locking screw	¼", rotating with locking screw
Lens hood	Sliding lens hood with sighting aid	Sliding lens hood with sighting aid
Filter thread	E 62	E 62
Dimensions (W x H x D)	90 x 300 x 84 mm/3 5/16 x 11 13/16 x 3 3/16 in	90 x 300 x 84 mm/3 5/16 x 11 13/16 x 3 3/16 in
Weight	910 g/32 oz	990 g/less than 35 oz
No. of Accessories		
Eyepiece 16 x	41 009	41 009
Eyepiece 26 x WW	41 011	41 011
Eyepiece 32 x	41 003	41 003
Eyepiece 32 x WW	41 007	41 007
Zoom eyepiece 16-48 x	41 012	41 012
Photo Adapter (1:12.9/800 mm)	42 301	42 301
T2 Adapter for Leica	42 305	42 305
Cordura ever-ready case		
for straight viewing scope	42 319	42 319
for angled viewing scope	42 318	42 318

Technical Data



Eyepiece for LEICA TELEVID 77	20 x WW	32 x WW	40 x	40 x WW	20-60 x (Zoom)
Order No. Eyepiece	41 009	41 011	41 003	41 007	41 005
No. of lens elements	6 elements	7 elements	6 elements	6 elements	7 elements
Magnification	20 x	32 x	40 x	40 x	20-60 x
Focal length	22 mm	14 mm	11 mm	11 mm	22-7 mm
Exit pupil	3.85 mm	2.4 mm	1.93 mm	1.93 mm	3.85-1.28 mm
Angle of view	3.45°	2.3°	1.25°	1.8°	1.9°-1.2°
Field of view at 1,000 m	60 m	40 m	22 m	32 m	34-20 m
Length	68 mm	70 mm	46 mm	81 mm	80 mm
Diameter	53 mm	54 mm	45 mm	50 mm	53 mm
Weight	246 g	285 g	102 g	230 g	280 g



Eyepiece für LEICA TELEVID 62	16 x	26 x WW	32 x	32 x WW	B 16-48 x (Zoom)
Order No. Eyepiece	41 009	41 011	41 003	41 007	41 012
No. of lens elements	6 elements	7 elements	6 elements	6 elements	7 elements
Magnification	16 x (with reduced field of view)	26 x	32 x	32 x	16-48 x
Focal length	22 mm	14 mm	11 mm	11 mm	22-7 mm
Exit pupil	3.77 mm	2.35 mm	1.88 mm	1.88 mm	3.77-1.26 mm
Angle of view	3.1°	2.9°	1.6°	2.3°	2.5°-1.4°
Field of view at 1,000 m	54 m	50 m	28 m	40 m	44-24 m
Length	68 mm	70 mm	46 mm	81 mm	80 mm
Diameter	53 mm	54 mm	45 mm	50 mm	53 mm
Weight	246 g	285 g	102 g	230 g	280 g

Photo Adapter	1:10.4 / 800 (Televid 77)	1:13.0 / 1.000 (Televid 77) 1:12.9 / 800 (Televid 62)
Order No.	42 300	42 301
Focal length		
with LEICA TELEVID 77	800 mm	1.000 mm
with LEICA TELEVID 62	640 mm (with reduced field of view)	800 mm
Speed		
with LEICA TELEVID 77	1:10.4	1:13.0
with LEICA TELEVID 62	1:10.6	1:12.9

A primer for binoculars There are countless criteria that concern the performance capability and suitability of a binocular or spotting scope. We have selected and briefly described the most important concepts and characteristics for you.

Magnification Magnification is a measure of how much closer an object appears to the viewer. At an 8 x magnification, an object situated at a distance of 328 ft (100 m) appears to be as large as if it were only 41 ft away ($328 : 8 = 41$). Binoculars are identified with two specifying numbers, like 10 x 42, for example. The first number indicates the magnification factor.



Front lens diameter This is the second number in the specification of a binocular or spotting scope. A 10 x 50 binocular has a front lens diameter of 50 mm. The larger that number, the more light can be gathered by the binocular. 42 or 50 mm for instance, are suitable for observation in twilight, whereas 20 mm is suited for viewing in daylight.



Exit pupil The exit pupil is the bright circle that can be seen when looking into the eyepiece of a binocular from a distance of approximately 30 cm (12 inches). The larger the exit pupil (exit pupil = front lens diameter in mm divided by the magnification factor), the brighter the image in twilight. It should be noted that an exit pupil with a diameter greater than 6 mm usually cannot be fully utilized by viewers who are more than 30 years old.

Twilight factor This number describes the performance capability of a binocular in twilight. It is computed by taking the square root of the product of the magnification factor and the front lens diameter. The twilight factor can, however, only serve as an approximate guide, because it does not take into account the quality of the optics.

Example LEICA TRINOVID 10 x 42 BN

Magnification = 10 x, front lens diameter = 42 mm

$$\text{Exit pupil} = \frac{\text{front lens diameter}}{\text{magnification}} = 4.2 \text{ mm}$$

$$\text{Twilight factor} = \sqrt{\text{front lens diameter} \times \text{magnification factor}} = 20.5$$

Internal focusing With Leica internal focusing, the only part that is shifted is a lens in the interior of the binocular or spotting scope. Because nothing is shifted on exterior surfaces, neither air nor humidity are drawn in – a clear view is uniformly preserved, even in murky weather.

Objective field of view This value indicates the width of the field of view at a distance of 1,000 m (or 1,000 yds). In general, the higher the magnification, the smaller the field of view. Here too, Leica binoculars show their superior strengths.

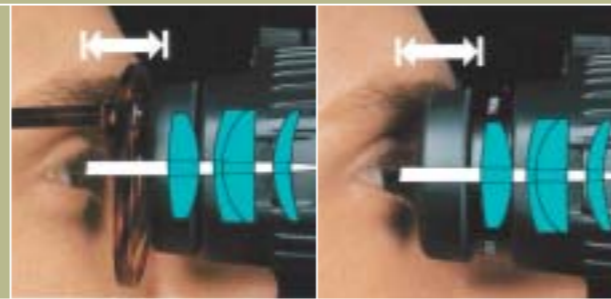


A primer for binoculars

HighLux-System (HLS™) is a new Leica coating technology that optimizes the performance of Duovid binoculars. This process involves the application of dielectric mirror layers on prisms, which markedly increases light transmission. That enhances the overall contrast significantly. You are bound to appreciate this advantage, especially under difficult viewing conditions : you'll enjoy a noticeably brighter image with enhanced contrast.

HDC™ optical coating The lenses in all LEICA TRINOVID BN and compact binoculars are treated with HDC™ optical coating (Highly Durable Coating). This innovative multiple coating is more scratch-resistant than conventional multiple coatings – a major advantage, especially for external lens surfaces.

Eyepieces for eyeglass wearers When a binocular is to be used by someone who does not wear eyeglasses, the sliding eyecups should be pulled out. For eyeglass wearers, the sliding eyecups are simply pushed in. This allows the eyes always to be positioned at the same distance to the eyepiece, so that they can always see the full field of view. This is made possible by Leica eyepieces especially designed with exit pupils positioned at the right distance away from the eyepiece.



Multi-function central operation Central operation permits simultaneous focusing of both halves of the binocular. Furthermore the combination wheel patented by Leica allows convenient diopter compensation for both eyes, independently of one another. Once the diopter compensations have been set, their values can be read on a scale and they can be reset quickly when the binocular is used again at another time.



Patented two-position eyecups _____

Multi-function central operation _____

Magnification selection unit _____

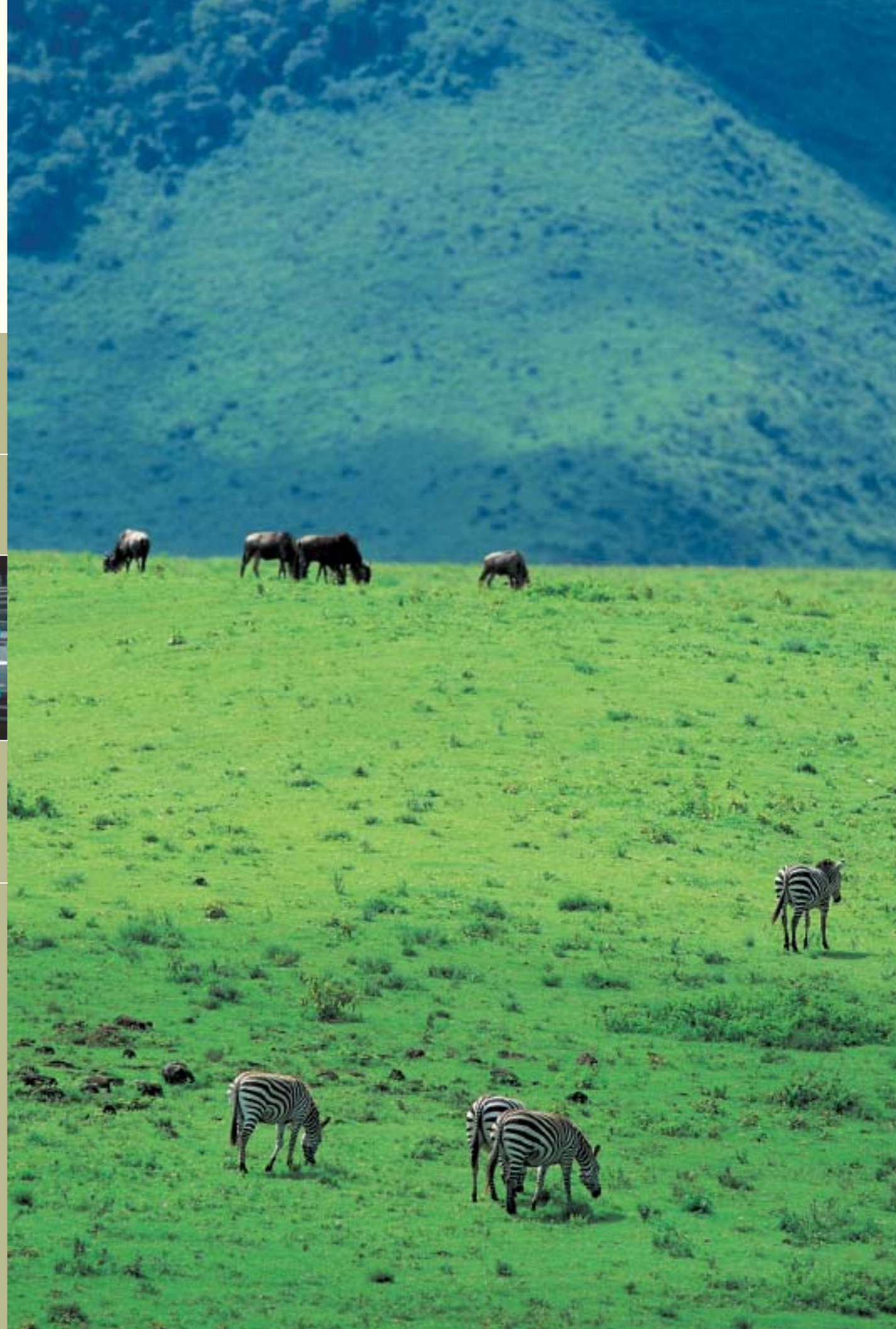
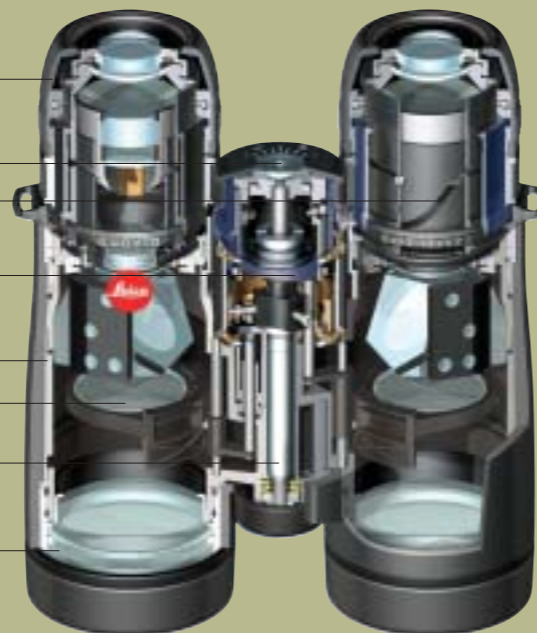
Automatic diopter compensation ADC™ _____

Aluminium die-cast housing filled with nitrogen _____

Focussing lens _____

Continuous main shaft made of stainless steel _____

Achromatic objective lens _____





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Mankind and his/her perception is the focus of other Leica product lines as well : High-grade Leica cameras and projectors offer a very special viewing experience. Numerous cultural activities, photographic competitions, -travel, - seminars as well as technical customer service round out our program. Additional information can be found on the internet or at your authorized dealer.



> Leica R-System




> Leica M-System



> Leica Compact Cameras



> Leica Projectors

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Concept and Design : Heine/Lenz/Zizka, Frankfurt am Main
Image indication :
Product photography : Tom Vack
Nature photography :
Leica Akademie/Oliver Richter (pages 10, 20, 23, 63)
Leica Akademie/Siegfried Brück (page 50)
Leica Akademie/Michael Agel (page 24)
Franz Bagyi (pages 6, 11, 14, 18, 19, 29, 32, 39, 45)
Reiner Harscher (pages 5, 31, 51, 52)
Norbert Rosing (page 2, 28)
Werner Henkel (page 44)
John Bonnano (page 47)
Luis Castañeda (page 64)
Terry Donnelly/Image Bank (page 1)
Brochure order number: German 91059, English 91060,
French 91061