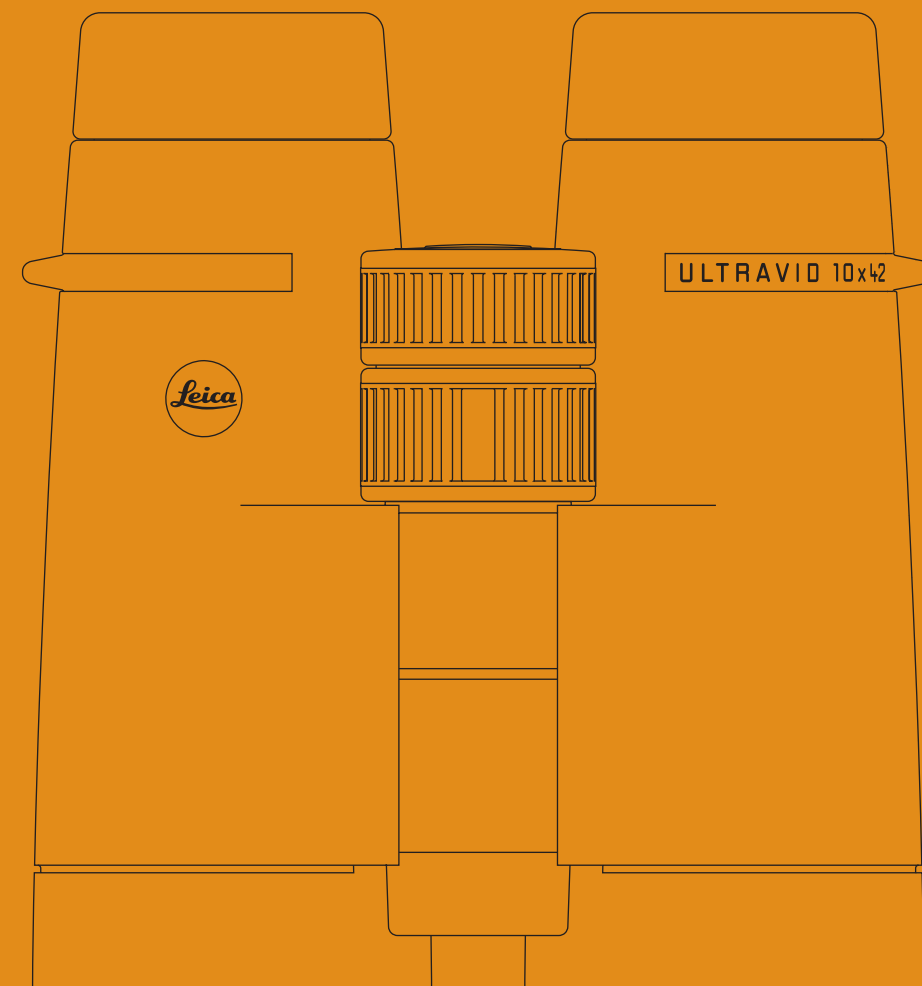
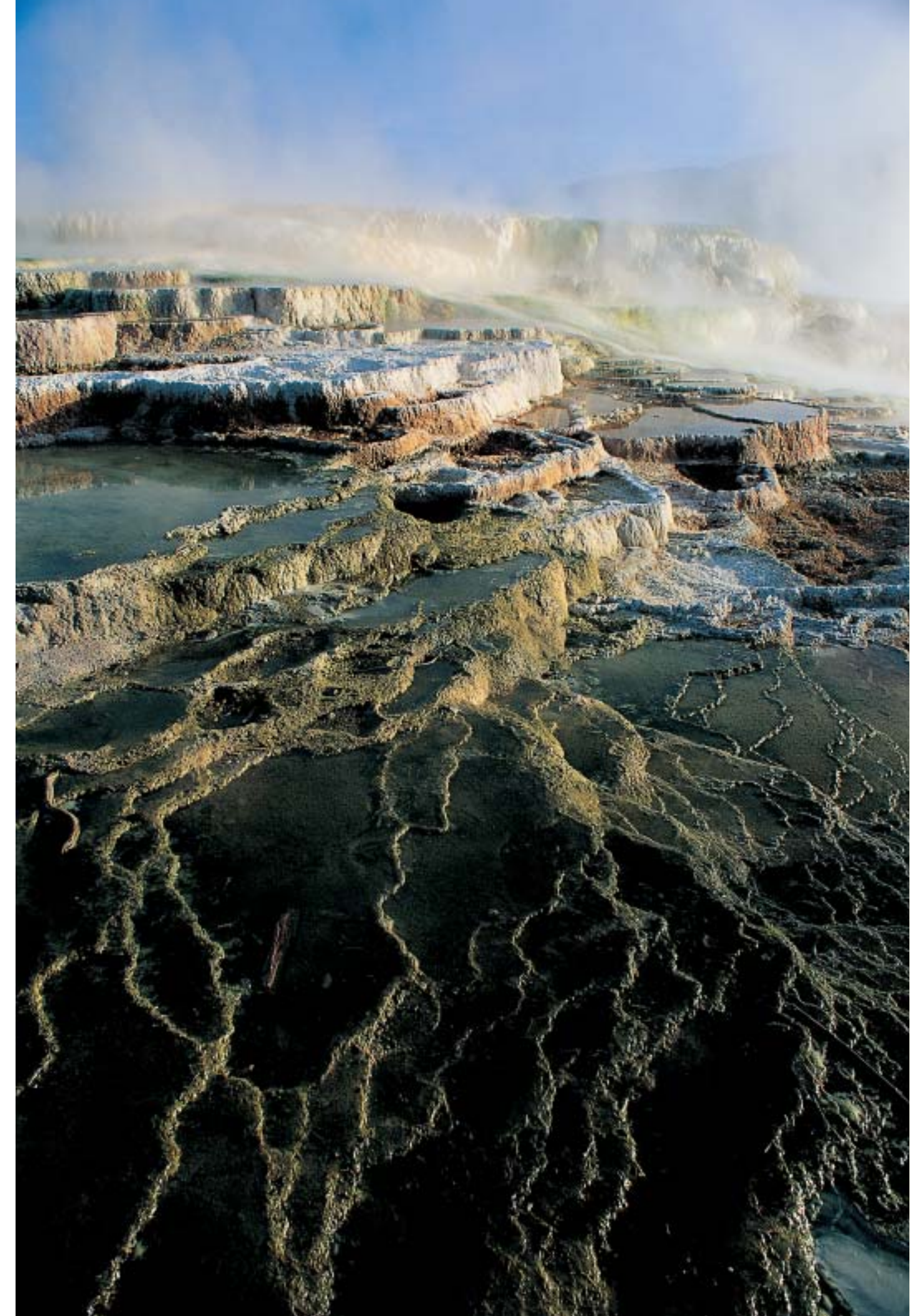


LEICA ULTRAVID BR/BL

Binoculars for extreme demands



Company Seven
ASTRO-OPTICS DIVISION
MONTPELIER, MD 20709-2587
301-953-2000 • WWW.COMPANY7.COM



Leica sport optics – an excursion into extremes

For adventurous individuals who are always looking for something new to discover, nature is their realm of constant challenges. They set out to search for unforgettable impressions and images. It is for these individuals that Leica Camera AG develops binoculars and spotting scopes – in other words, optical instruments that embody the full technological know-how of the brand. With the objective of turning observation that is rich in details into an unforgettable experience, even at great distances, they set new standards of brilliance, sharpness and brightness. Many outstanding Leica binoculars based on this premise have already been created in the past. But now, Leica has succeeded in establishing an entirely new category : The line of Ultravid binoculars. Logically tailored to the intended use, every technical and ergonomic detail was painstakingly examined, perfected or completely reinvented. A housing made of magnesium, a central hinge shaft of extremely sturdy titanium – which materials could possibly be more robust and lighter at the same time ? The optical system Leica HLS™ – which optics could be more brilliant ? The new shape with its outstanding ergonomics – what could possibly be more pleasant to use ? It is the sum of all these qualities that qualify every Ultravid as a binocular for individuals with the highest demands. They are the ones, after all, whose high expectations constantly pose new challenges for Leica designers.

Rubber armored or leather covered : Extreme performance in two elegant versions With the new Ultravid line, those who seek uncompromising technology and unforgettable viewing experiences have the choice of 14 high-end binoculars. Two new and timeless styling variations do justice to any application. All models with 42 mm and 50 mm front lenses are available in a choice of black or green rubber armoring (BR), but the 8 x 42 and 10 x 42 models are available in an additional version with exquisite leather covering (BL). This fresh interpretation of a classic Leica binocular variation led to a new product that is not only very handsome but that is also extremely light in weight.

— **Precision that is indestructible**

With their shock-absorbing rubber armoring, the LEICA ULTRAVID BR models are ideal companions in any situation, even in extreme weather conditions. They are particularly shock-resistant, cold-proof down to -25 °C (-13 °F) and – like all the other Ultravid models – they are watertight to a depth of 5 m (16.4 ft). Their ruggedness is due to, among other factors, a body shell made of highly sturdy yet ultra-light magnesium. And the new ergonomics meet the needs of all those who take their binoculars along as they venture through thick and thin : The readily accessible central drive and the steadying thumb rests lead to quick focusing and fatigue-free observation, even while wearing gloves.



— **Great precision can weigh so little**

The LEICA ULTRAVID BL models with black leather covering are a fortuitous combination of modern binocular technology and classic styling. The leather covering optically accentuates the compactness and the extraordinary lightness of these binoculars. The magnesium body shell is not only extremely sturdy : The 8 x 42 BL model weighs less than 700 g (less than 25 oz) ! And furthermore, because Leica quality also guarantees longevity, this lightweight among binoculars is certain to remain a favorite for generations to come.

The new reference class among binoculars

As synonyms for optical performance and mechanical quality, Leica binoculars and spotting scopes already attracted a loyal set of friends long ago. LEICA TRINOVID BN binoculars, for example, have been proving themselves for years as dependable companions with outstanding optics in hard daily use around the entire world. And they will continue to be the right choice for many nature lovers in the future. But with the new Ultravid models you will be able to discover a new class of binoculars that was not available until now, because these high-end instruments are impressive evidence of what can be achieved with today's technology : The body shell made of ultra-light material and all the other meticulously tailored components guarantee extensive longevity at the lowest possible weight. The thumb rests on the backs of all BR models and the newly designed rotating eyecups on all the Ultravid binoculars lead to pleasant and relaxed observation. The cushioning soft rubber rim around the eyecup guarantees a very comfortable placement at the eyes. The two eyecups can be adjusted individually for the best fit. A noticeably greater image brightness, combined with enhanced contrast lead to unforgettable viewing experiences. This is made possible by the Leica HighLux System (HLS™). A newly developed mirror layer on the prisms increases light transmission significantly and the improved optical and mechanical configuration markedly reduces stray light. A look at these and other sophisticated refinements quickly make it obvious why the Ultravid line represents the new class of reference among binoculars.



LEICA ULTRAVID BR 42 series – the new compactness of universal binoculars They are nearly as compact as those with 32 mm front lenses and almost as bright as those with 50 mm front lenses. As far as the computed twilight factor is concerned too, they are not even 10% apart. Equipped with shock-absorbing rubber armoring, they are available in green and in black.

— **LEICA ULTRAVID 7 x 42 BR**

A large field of view – sharp to its very edges – in combination with very high image brightness and a very steady image characterize this professional binocular.

— **LEICA ULTRAVID 8 x 42 BR**

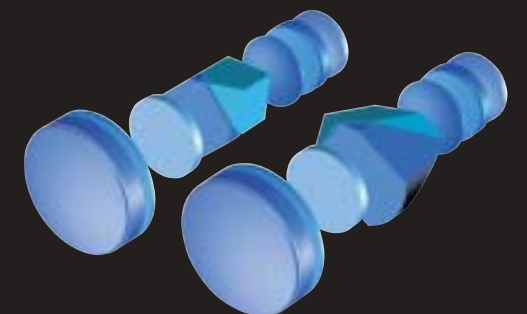
The multi-talented binocular that delivers images with rich contrast for observation in daylight and at twilight. The ratio of brightness and weight, of magnification and field of view featured by this model make it optimal for a great many applications.

— **LEICA ULTRAVID 10 x 42 BR**

The binocular with the highest magnification in the line of 42 mm binoculars. The newly designed eyecups permit a particularly comfortable positioning at the eyes. This becomes especially apparent with the improved image steadiness during observation at great distances.



HighLux System (HLS™) – or : An optical coating that is unequalled. The proverbial Leica high-performance optics sets new standards with the HighLux System HLS™ : By means of a special mirror layer on the prism system that yields a level reflection of 99.5%, it was possible to raise the image brightness significantly. That is what makes the impressively high imaging performance and enhanced contrast possible.



LEICA ULTRAVID BR 50 series – ready for any light conditions Those who must also rely on images with rich contrast, even in extremely poor lighting conditions, will always make the right choice with a model from the line with 50 mm front lenses. The 50 mm models – which also feature the Leica HLS™ – achieve an image brightness that was hardly possible before now, even with greater front lenses. The new body shells with the small dimensions that are so unusual for a night binocular guarantee stability at a comparatively low weight.

— **LEICA ULTRAVID 8 x 50 BR**

Fatigue-free observation made possible, even under the subtle light of the moon. The 8 x magnification guarantees a steady, sharp image, without the need for constant refocusing.

— **LEICA ULTRAVID 10 x 50 BR**

The high-transmission, top-of-the-line binocular. Thanks to its superb twilight performance, observation of fine details is possible well into darkness.

— **LEICA ULTRAVID 12 x 50 BR**

Its 12 x magnification makes the observation of the finest details possible at great distances. This high-performance binocular is also impressive because of its near focusing distance of only 3.25 m (10.7 ft).



— **The new ergonomics for relaxed handling**

A shape that makes sense : The thumb rests worked into the back of the binocular allow a shake-free and slip-proof hold. The large centrally positioned drive provides comfortable handling and a natural fit.



Even extremely cold temperatures cannot prevent an Ultravid binocular from delivering impressive viewing experiences : Functioning perfectly at temperatures down to -25 °C (-13 °F), it will penetrate regions in which hardly any binocular will remain functional. This substantiates the combination of precision and ruggedness.

The new Ultravid binoculars are tailored to the human eye. A comfortable placement at the eye is provided by soft, cushioning rubber elements. The sliding eyecups furthermore have two click stops for the individual adjustment to the eyes. Provision was also made for easy cleaning or replacement : One turn is sufficient for removing the sleeve.



LEICA ULTRAVID 7x42 BR



LEICA ULTRAVID 12x50 BR



LEICA ULTRAVID BL 42 models – Lightweights with a classic shape The classics catch up with modernity : With their high-grade leather covering, the LEICA ULTRAVID BL models look particularly elegant and extremely compact. They are deliberately reminiscent of the binoculars and cameras that made the name Leica famous around the world. The fact that the leather covering made it possible to reduce the weight to less than 700 grams (less than 25 oz) makes the BL models the binoculars of choice of true purists.

— LEICA ULTRAVID 8 x 42 BL

A field of view of 130 m at 1000 m (142 yards at 1000 yards) at an 8 x magnification. Observation with rich contrast in daylight and at twilight.

— LEICA ULTRAVID 10 x 42 BL

The highest magnification in the 42 mm line. The newly designed eyecups make the placement at the eyes particularly comfortable. This becomes especially apparent with the improved image steadiness during observation at great distances. This high-power binocular – like the 10 x 42 BR model – is equipped with new eyepieces that were developed especially for eyeglass wearers.



— **Simply easy to operate and pleasant to look at :** The newly redesigned central drive is a functional high performance. The new ring-shaped window facilitates legibility and the large focusing wheel is delightfully easy to operate. Because of the short focusing path of just over one turn, the optimal point of sharpness is easy to find at any time.



Magnesium and titanium are the strengths of the Ultravid lightweights. A body shell made completely of magnesium and the hinge shaft of highly rigid titanium guarantee longevity and they are what make the lightness of the Ultravid models possible.



LEICA ULTRAVID 8x42 BL

Product information for LEICA ULTRAVID BR/BL binoculars

Plus points / Models and finishes / Accessories

- Bright optics that are extremely rich in contrast because of the Leica HighLux System (HLS™) and optical / mechanical stray light optimization
- Two design versions : With rubber armoring (BR) for a good grip, or with an elegant leather covering (BL)
- Extreme lightness from 700 grams (25 oz) with simultaneous high stability, thanks to the magnesium body shell and the titanium hinge shaft
- Outstandingly easy to use because of its compact ergonomic shape
- Removable rotating sleeves with two click stops
- Newly designed multi-function central drive with integrated diopter compensation
- Impact resistant, watertight to a depth of 5 m (16.4 ft), cold-proof down to -25 °C (-13 °F)

LEICA ULTRAVID BR - Models with black or green rubber armoring



black : 8 x 50 Order No. 40 275 / 10 x 50 Order No. 40 276 / 12 x 50 Order No. 40 277

green : 8 x 50 Order No. 40 280 / 10 x 50 Order No. 40 281 / 12 x 50 Order No. 40 282



black : 7 x 42 Order No. 40 260 / 8 x 42 Order No. 40 261 / 10 x 42 Order No. 40 262

green : 7 x 42 Order No. 40 265 / 8 x 42 Order No. 40 266 / 10 x 42 Order No. 40 267

LEICA ULTRAVID BL - Models with elegant black leather covering



8 x 42 Order No. 40 271 / 10 x 42 Order No. 40 272

Supplied with

BR Models Protective front lens cover, protective eyepiece cover, contoured Neoprene carrying strap, high-grade padded Cordura case

BL Models Protective eyepiece cover, contoured, padded leather carrying strap, high-grade deep-drawn leather case



Technical Data



Binocular	LEICA ULTRAVID 12 x 50 BR	LEICA ULTRAVID 10 x 50 BR	LEICA ULTRAVID 8 x 50 BR
Order No. Binocular			
Rubber armored, black	40 277	40 276	40 275
Rubber armored, green	40 282	40 281	40 280
Delivery scope	Neoprene carrying strap, eyepiece cover, protective front lens cover, Cordura case	Neoprene carrying strap, eyepiece cover, protective front lens cover, Cordura case	Neoprene carrying strap, eyepiece cover, protective front lens cover, Cordura case
Magnification	12 x	10 x	8 x
Front lens diameter	50 mm	50 mm	50 mm
Exit pupil	4,2 mm	5 mm	6,25 mm
Twilight factor	24,5	22,4	20
Field of view at 1,000 m/yds	100 m/109 yds	115 m/126 yds	115 m/126 yds
Objective angle of View	5,7°	6,6°	6,6°
Close focusing distance	approx. 3.25 m/10.7 ft	approx. 3.35 m/11 ft	approx. 3.6 m/11.8 ft
Diopter compensation	± 4 diopters	± 4 diopters	± 4 diopters
Eyepieces for eyeglass wearers	yes	yes	yes
Sliding Eyecups	yes, removable with two click stops	yes, removable with two click stops	yes, removable with two click stops
Adjustable interpupillary distance	58–74 mm	58–74 mm	58–74 mm
Focusing	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	8, all multi-coated
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)	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	Watertight to a depth of 5 m/16.5 ft
Housing	Die-cast magnesium, nitrogen-filled	Die-cast magnesium, nitrogen-filled	Die-cast magnesium, nitrogen-filled
Dimensions (W x H x D)	approx. 125 x 183 x 70 mm/ 4 15/16 x 7 3/16 x 2 3/4 in	approx. 125 x 178 x 70 mm/ 4 15/16 x 7 x 2 3/4 in	approx. 125 x 183 x 70 mm/ 4 15/16 x 7 3/16 x 2 3/4 in
Weight	approx. 1,050 g/37 oz	aprox. 1,010 g/35.6 oz	approx. 1,010 g/35.6 oz
Order No. Accessories			
Neoprene carrying strap, contoured	42 146 (included)	42 146 (included)	42 146 (included)
Floating carrying strap, orange	42 163	42 163	42 163
Tripod Adapter	42 220	42 220	42 220



www.leica-camera.com

For the other lines of Leica products too, man and his perception are the main consideration : Accordingly, high-grade Leica cameras and projectors provide a very special visual experience. Numerous cultural activities, photographic competitions and seminars as well as a competent technical customer service round out our program. More detailed information is available on the internet or from your authorized dealer.



> Leica R system



> Leica M system



> Leica Compact Cameras



> Leica Projectors

Leica Sport Optics supports the following projects:

American Birding Association (ABA), USA

The ABA represents a whole range of birding interests, from identification and education to listing and conservation. ABA actively promotes the economic and environmental values of birding, and we encourage the conservation of birds and their habitats.

New Jersey Audubon Society (NJAS), USA

The mission of the National Audubon Society is to conserve and restore natural ecosystems, focusing on birds and other wildlife for the benefit of humanity and the earth's biological diversity.

Naturschutzbund Deutschland (NABU) e. V., Germany

Among other things the NABU exerts itself for the conversation, creation and improvement of the life bases of the flora and fauna. Besides, the protection of birds finds special consideration.

National Park Schleswig-Holstein's Wadden Sea, Germany

The national park's objective is to protect the wadden sea ecosystem's diversity by ensuring its undisturbed development.

British Butterfly Conservation, UK

The British Butterfly Conservation Organization has prepared conservation programs for more than 60 threatened species of butterfly and moth.

Birdlife International, UK

Birdlife International is involved in the protection of sea birds (actually mainly albatrosses and petrels).

Oriental Bird Club (OBC), UK

OBC research projects for bird conservation in Asia.

Leica Trademark of the Leica Camera Group
 "Leica" and product names = ® Registered trademarks
 © 2003 Leica Camera AG
 All rights to change construction, design and range reserved
 Concept and Design : Heine/Lenz/Zizka, Frankfurt am Main
 Image indication :
 Product photography : Tom Vack
 Nature photography :
 Werner Henkel (page 5)
 Norbert Rosing (U2, page 17,18)
 Brochure order number :
 German 91156, English 91157, French 91158

Company Seven
ASTRO-OPTICS DIVISION
MONTPELIER, MD 20709-2587
301-953-2000 • WWW.COMPANY7.COM

Binocular	LEICA ULTRAVID 10 x 42 BR / 10 x 42 BL	LEICA ULTRAVID 8 x 42 BR / 8 x 42 BL	LEICA ULTRAVID 7 x 42 BR
Order No. Binocular			
Leather style, black	40 272	40 271	-
Rubber armored, black	40 262	40 261	40 260
Rubber armored, green	40 267	40 266	40 265
Delivery scope	BR : Neoprene carrying strap, eyepiece cover, protective front lens cover, Cordura case BL : leather carrying strap, eyepiece cover, deep-drawn leather case	BR : Neoprene carrying strap, eyepiece cover, protective front lens cover, Cordura case BL : leather carrying strap, protective eyepiece cover deep-drawn leather case	Neoprene carrying strap, eyepiece cover, protective front lens cover, Cordura case
Magnification	10 x	8 x	7 x
Front lens diameter	42 mm	42 mm	42 mm
Exit pupil	4.2 mm	5.25 mm	6 mm
Twilight factor	20,5	18,3	17,1
Field of view at 1,000 m/yds	110 m/ 120 yds	130 m/ 142 yds	140 m/ 153 yds
Objective angle of view	6,3°	7,4°	8°
Close focusing distance	approx. 2.95 m/9.7 ft	approx. 3.1 m/ 10.2 ft	approx. 3.3 m/ 11 ft
Diopter compensation	± 4 diopters	± 4 diopters	± 4 diopters
Eyepieces for eyeglass wearers	yes	yes	yes
Sliding Eyecups	yes, removable, with two click stops	yes, removable, with two click stops	yes, removable, with two click stops
Adjustable interpupillary distance	56-74 mm	56-74 mm	56-74 mm
Focusing	Internal focusing via central focusing drive	Internal focusing via central focusing drive	Internal focusing via central focusing drive
No. of lens elements (each side)	9, all multi-coated	9, all multi-coated	8, all multi-coated
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)	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	Watertight to a depth of 5 m/ 16.5 ft
Housing	Die-cast magnesium, nitrogen-filled	Die-cast magnesium, nitrogen-filled	Die-cast magnesium, nitrogen-filled
Dimensions (W x H x D)	BR : approx. 121 x 147 x 67 mm/ 4 3/4 x 5 13/16 x 2 5/8 in BL : approx. 121 x 146 x 63 mm/ 4 3/4 x 5 3/4 x 2 1/2 in	BR : approx. 121 x 142 x 67 mm/ 4 3/4 x 5 5/8 x 2 5/8 in BL : approx. 121 x 142 x 63 mm/ 4 3/4 x 5 3/8 x 2 1/2 in	approx. 121 x 142 x 167 mm/ 4 3/4 x 5 5/8 x 2 5/8 in
Weight	BR : approx. 765 g/27.3 oz BL : approx. 695 g/24.7 oz	BR : approx. 790 g/27.8 oz BL : approx. 710 g/25 oz	approx. 765 g/27 oz
Order No. Accessories			
Neoprene carrying strap, contoured	42 146 (included)	42 146 (included)	42 146 (included)
Floating carrying strap, orange	42 163	42 163	42 163
Tripod Adapter	42 220	42 220	42 220