



Seeing beyond



ZEISS Nature Catalog
2025



OUR ACTIVITIES..... 4

BINOCULARS 6

Victory SF.....8

Victory Pocket.....11

ZEISS SFL.....12

Conquest HDX.....20

Terra ED.....24

Monos/20x6029

**THERMAL IMAGING
CAMERAS 32**

DTI 6.....33

SPOTTING SCOPES..... 34

Victory Harpia.....36

Conquest Gavia40

PRO-SERIES TRIPOD KITS... 44

UNIVERSAL46

LIGHTWEIGHT.....47

ACCESSORIES 48

SPECIFICATIONS 54

Our activities. Protecting what we love.

Nature and species conservation is of international importance. That is why we work with our customers, partners, and professional associations around the world on these important initiatives.

We support numerous nature and bird conservation activities as well as education and research programs to protect endangered species and safeguard habitats. Together with our partners, we achieve measurable progress in sustainability and conservation. Here are a few of our projects:



BirdLife Sponsorship "Spotted Greenshank"

Since 2021, ZEISS has been supporting a BirdLife International project aimed at halting the decline of one of the world's rarest shorebirds, the spotted greenshank (*Tringa guttifer*). In addition to general educational work and the formation of new local conservation groups in Thailand, the goal of this project is to strengthen the protection of Southeast Asia's coastal wetlands.



Protection of migratory birds & seabirds with the association Jordsand

Together with the non-profit nature conservation association Jordsand, ZEISS is committed to protecting seabirds and their habitats on the North Sea and Baltic Sea coasts. The aim is to promote species protection and to preserve, safeguard and further develop the existing protected areas.



Young Birders Weekend

ZEISS is partnering with the Cornell Lab of Ornithology to foster the next generation of ornithologists. Young Birders Weekend brings together young people who want to share and deepen their enthusiasm for birding.



An overview of our partnerships can be found at www.zeiss.com/nature/cooperations



Access Birding

ZEISS has partnered with Access Birding, LLC. Access Birding provides consulting and training services to nature organizations at the intersection of access, inclusion, disability and birding so outing leaders, interpreters and land managers feel confident and empowered to facilitate equitable access to nature for all of us.



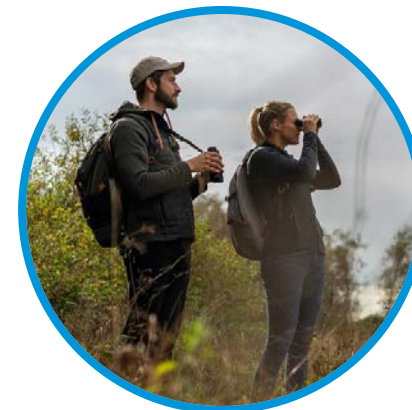
Champions of the Flyway

The 24-hour birdwatching marathon aims to promote bird watching and raise funds for bird conservation. ZEISS supports several teams and helps host the opening ceremony. The event has raised over \$500,000 in donations since 2014.



International Birding & Research Center in Eilat (IBRCE)

Israel is well known as a hub for bird migration. The International Birding & Research Center in Eilat secures resting places and engages in scientific monitoring. With our long-standing partnership, we support the local team with binoculars and spotting scopes in their mission to improve and preserve part of the migration route for diverse bird species from all over the world.



NABU Nature Conservation Center

ZEISS has been supporting the NABU Nature Conservation Center near Lake Federsee for more than 20 years, including a permanent loan of binoculars that are used by the volunteers as well as visitors.

Your faithful companions in the great outdoors

Binoculars from ZEISS have a reputation that precedes them. Their optical performance, ease of use, ruggedness, optimized weight and ongoing technical innovations have continuously pushed the boundaries of what is possible to shape this reputation over the years.

No wonder generations of nature lovers swear by “their” ZEISS binoculars. They have become a reliable companion on countless tours and unique experiences, and are often passed from generation to generation – along with the stories they have told. Many “historic” ZEISS binoculars are still in daily use today. But time doesn’t stand still. Today, ZEISS offers devices of outstanding quality for a plethora of requirements, from special binoculars for twilight observations to compact binoculars for daily use.

Binoculars from ZEISS feature a wide range of advanced technologies and innovations. The following pages explain which products offer which specific features and benefits in detail. Here’s an initial overview:

High transmission values

Always the right binoculars – even in poor lighting conditions thanks to our HT concept with up to 95 % light transmission.

Weather resistance

Nature observation in any weather thanks to the LotuTec® coating.

Rugged design

Reliable on-the-go use with durable materials like a magnesium housing and features like the TripleLink bridge.

A perfect overview

Impressively wide fields of view.

Outstanding ergonomic design

Fatigue-free observations thanks to our SmartFocus concept, ErgoBalance concept, and ComfortFocus concept.

Unforgettable experiences

Exceptional visual quality and optical clarity thanks to innovative technologies such as our UFL concept, ZEISS FieldFlattener technology, and T* multicoating.





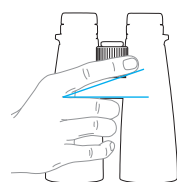
Smart Focus with superior field of view.

ZEISS VICTORY SF

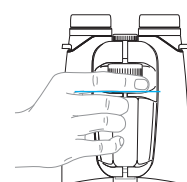
Designed for birders and wildlife enthusiasts, the Victory SF binoculars sets the standard in ergonomics, image quality and field of view.

Rediscover the world of birdwatching with the ZEISS Victory® SF. You can experience every spectacle nature has to offer with brilliant optics and an unparalleled wide-angle field of view. Thanks to its light weight, unique ergonomic design and dynamic fast-focus feature, the Victory SF allows for hours of relaxing birding without fatigue. The Victory SF is the new benchmark for birding and wildlife observation in the 125-year development of ZEISS binoculars.

SmartFocus Concept



Competitor example



ZEISS Victory SF



Only **1.6 / 1.8 revolutions**

The SmartFocus Concept ensures that the focusing wheel is perfectly positioned. This ensures that you can focus quickly and precisely, even when observing for hours on end.

Fast focusing

SmartFocus Concept for intuitive, precise, rapid focusing thanks to an ergonomic finger position.

Extremely wide field of view

The impressively wide fields of view of both SF models give you a good overview in unclear terrain and help you find exactly the bird you are looking for.



Balanced ergonomics

The SF models' center of gravity has been shifted closer to the eyepiece thanks to the ErgoBalance Concept, allowing for long and fatigue-free observation.

True-to-Life image quality

The Ultra-FL Concept combines multiple SCHOTT fluoride lenses into a system that delivers extremely natural color rendering and vivid details.

ZEISS VICTORY SF

Our **best binocular.**

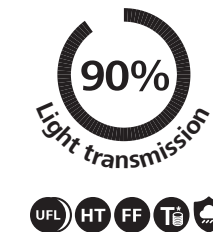
There is something legendary about ZEISS binoculars. Founded on exceptional optical performance, outstanding ergonomics and robust construction, our innovations have constantly expanded the limits of what's technically possible.

Experience the ZEISS Victory SF, the most versatile premium binoculars in the company's 175-year history. Our SF models offer outstanding optical performance with vibrant and natural color rendering for a breathtaking viewing experience thanks to our UFL concept.



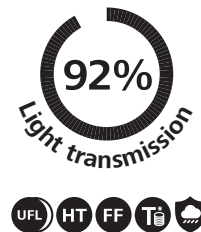
SF
8x32
10x32

- An extremely wide field of view enlarges the observable area by up to 20% and thus up to 465 feet at 1,000 yards.
- 90% light transmission.
- Vibrant and natural color rendering thanks to the UFL Concept.
- Compact design and ErgoBalance Concept for long hours of comfortable nature observation.
- Weighing just 21.2 ounces, much lighter than other



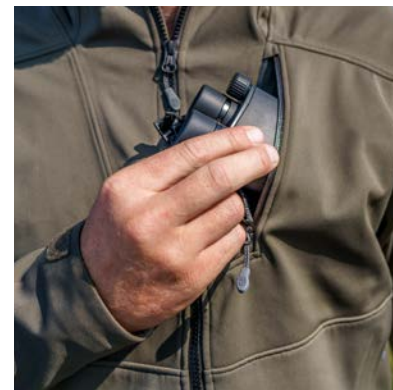
SF
8x42
10x42

- 92% light transmission.
- Breathtaking viewing experience thanks to UFL Concept.
- Exceptionally wide field of view of up to 444 feet at 1,000 yards.
- ZEISS FieldFlattener technology: extreme edge sharpness, even at wide fields of view.
- Perfect ergonomics and ruggedness thanks to TripleLink bridge and lightweight design with state-of-the-art magnesium materials.
- Close focusing distance of 4.9 feet to explore the smallest details.



ZEISS VICTORY POCKET

A **pocket-sized premium optical device.**



Pocket
8x25
10x25



The Victory Pocket promises high performance in all kinds of outdoor applications. Despite the incredible lightweight construction, their high magnification and FL lenses with the ZEISS T* multi-layer coating help them to deliver brilliant image quality. The asymmetrical folding makes it particularly compact.

- Exceptionally compact and robust
- Excellent optical performance
- Modern and ergonomic design





Smart focusing and lightweight. ZEISS SFL

ZEISS SFL binoculars make it possible to experience exciting moments with a new level of ease. Optimized to be lightweight and compact size in every aspect.

The new UHD Concept for natural colors, the unique ergonomics, and the SmartFocus Concept ensure the binoculars deliver outstanding visual quality and an immersive viewing experience. The lightweight magnesium housing ensures that the binoculars are durable and long-lasting – for generations to come.

Extremely lightweight



The reduced lens diameter and more compact arrangement of even thinner lens elements make the SFL models **up to 30% lighter** than comparable binoculars.

SmartFocus Concept

The perfectly positioned focusing wheel allows you to focus quickly and precisely – without having to spread your fingers apart.

Ultralight, compact design

The lightweight magnesium body and reduced lens diameter combined with the closer spacing make the SFL 19% lighter and 17% shorter than the Victory SF 42.



Up to **30% lighter**
than comparable competitors

Perfect ergonomics

The large exit pupil allows users to quickly and easily position their eye for a comfortable and immersive viewing experience. Improved eyecups for an even better ergonomic feel.

Superior optical performance

The new UHD Concept delivers maximum detail visibility and color fidelity thanks to optimized coating and optical design.

ZEISS SFL

Smart focus lightweight binocular.

The perfect ergonomics of the SFL models, the ultralight design, the UHD Concept, and the SmartFocus Concept make handling easy and precise while still providing the highest level of detail recognition, even when observing for hours on end.

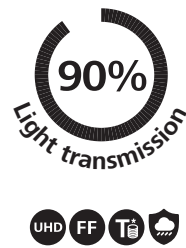


SFL
8x30
10x30



- 90% light transmission
- Light and robust magnesium housing
- Maximum detail visibility and color fidelity thanks to the UHD Concept
- Lightweight pocket size for long and comfortable nature observation.
- At only 16.2 oz, the lightest binoculars in their class.

SFL
8x40
10x40



- A viewing experience rich in detail with natural colors thanks to the UHD Concept.
- 90% light transmission.
- The large exit pupil allows users to quickly and easily position their eye for a comfortable and immersive viewing experience.
- Ultralight, compact design featuring the SmartFocus Concept.
- A clear view at all times thanks to our LotuTec® coating.

ZEISS SFL 50

Challenging the status quo

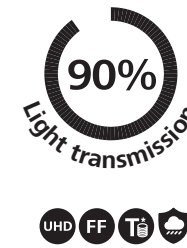


The remarkable new SFL 50 packs the image brightness of a 50 mm lens into the sleek, lightweight size of a 42 mm binocular. They are ultra-compact and lightweight; and offer

a larger field-of-view, provide more light transmission, and deliver a very large exit pupil – allowing for an extraordinary observation experience.



SFL
8x50
10x50
12x50



- Exceptionally bright image even in low light conditions.
- The large exit pupil allows users to quickly and easily position their eye for a comfortable and immersive viewing experience.
- ZEISS SmartFocus concept ensures quick and precise focusing with only 1.4 rotations of the focusing wheel to go from up close to infinity.
- Tripod-ready (1/4-20 tripod adapter included with 12x50 model.)

As compact and lightweight as competitors' 42 mm binoculars



50 mm Optical Performance In a 42 mm Frame

ZEISS SFL 50 binoculars

NEW

50 mm Bright.
42 mm Light.

ZEISS' all-new SFL 50 binoculars are pushing back – hard – on the status-quo. This premium optic will change the perception of what defines an ideal binocular for birding and nature observation.

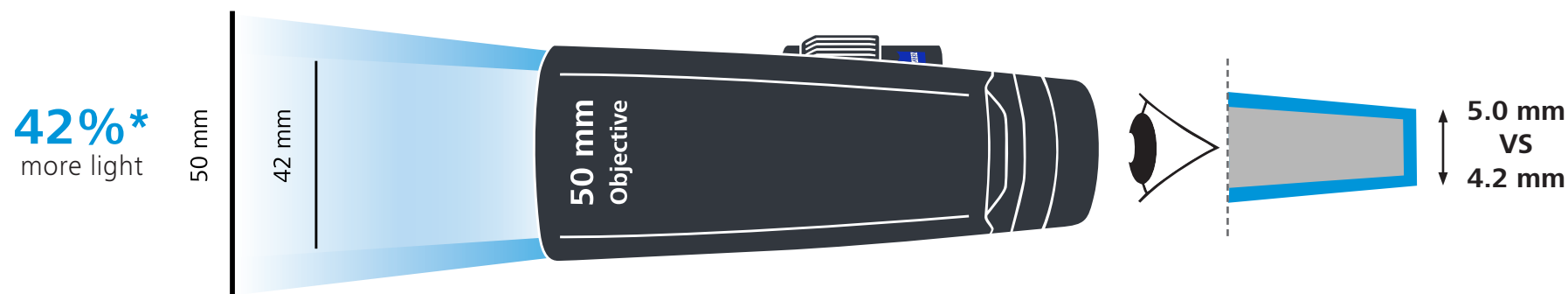
The remarkable new SFL 50 packs the image brightness of a 50 mm lens into the sleek, lightweight size of a 42 mm. It provides a 42% larger exit pupil than a 42 mm binocular, delivering a super-bright image, even in low-light conditions.

The entire ZEISS SFL line of binoculars features a lightweight yet rugged magnesium housing and an innovative SmartFocus concept for easy, fast, and precise focusing. The hydrophobic LotuTec lens coating aggressively sheds water while also creating a barrier to repel dust, dirt, and fingerprints.

Ultimately, optical performance is the final test that defines premium-grade optics. FieldFlattener technology and aspherical lenses deliver edge-to-edge sharpness. With Ultra-High-Definition (UHD) concept for maximum image detail and true-to-life color fidelity, the SFL 50 unlocks a world of vibrant detail and stunning clarity.

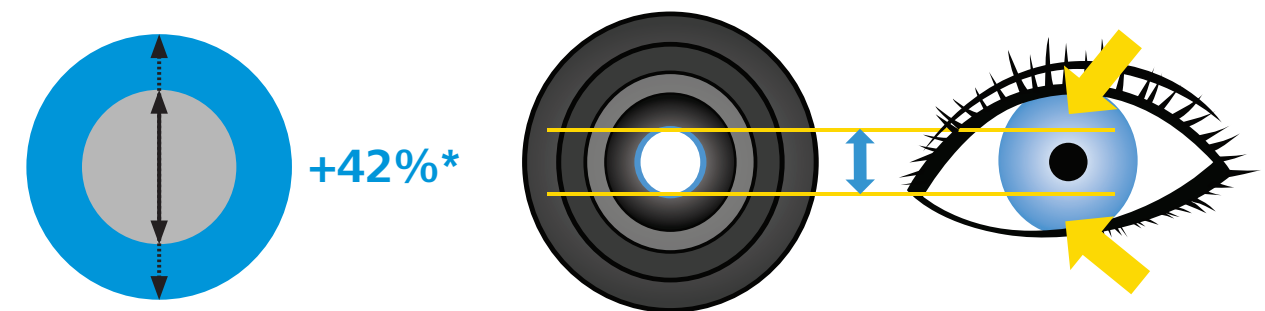


Larger Objective: More light to start with and transmit.



*50 mm Diameter Lens = $3.14 \times 25^2 = 1,963 \text{ mm}^2$ 50 mm/42 mm = $1963/1385 = 1.42 = 42\%$ greater lens surface area for 50 mm lens
42 mm Diameter Lens = $3.14 \times 21^2 = 1,385 \text{ mm}^2$

Larger Exit Pupil: More light delivered to the eye.



*Size of Exit Pupil Results from:
50 mm VS 42 mm Objective Lens

@ 10x a 50 mm objective lens yields a 5.0 mm exit pupil VS
@ 10x a 42 mm objective lens yields a 4.2 mm exit pupil

See page 124 for technical specifications.

VICTORY SF AND SFL

Superior field of view

Extremely wide field of view compared to many competitors for an even better overview in the field.

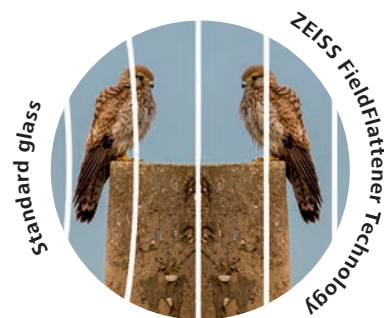
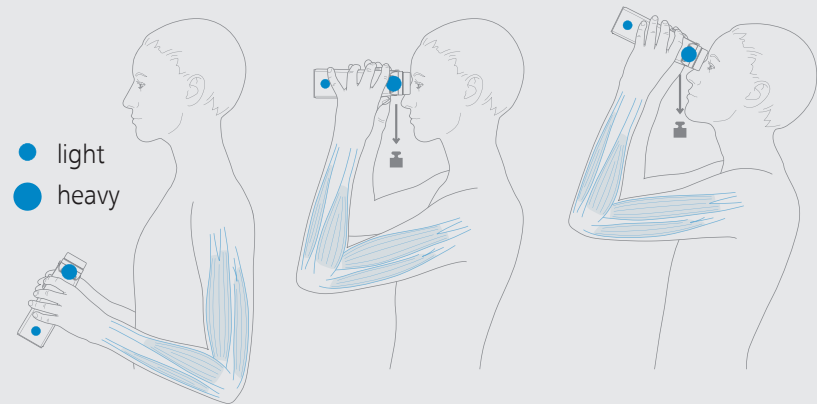


Increases the observable range by up to 20% compared to other binoculars



ErgoBalance Concept

Ideally balanced for long, steady viewing with less strain on the upper and lower arm muscles.



ZEISS FieldFlattener Technology

Extreme edge sharpness, even at wide fields of view.



Ultra-FL Concept

Multiple SCHOTT fluoride lenses for exceptionally vivid details and a true-to-life appearance.



Standard glass

SCHOTT HT GLASS

HT Concept

High-transmission SCHOTT glass for optimal visibility in low light.



Ultra-HD Concept

Maximum detail visibility and color fidelity thanks to optimizations in coating and optical design.



LotuTec®

Dirt-repellent and extremely easy-to-clean lenses.

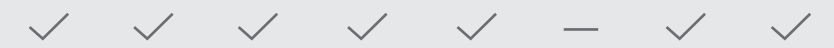


T* Multi-layer coating

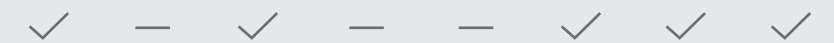
Multi-layer coating for sharp and high-contrast viewing.



ZEISS Victory SF



ZEISS SFL





A premium binocular for all conditions

ZEISS CONQUEST HDX

With the Conquest HDX, every detail becomes visible in vibrant clarity. The binoculars' High Definition (HD) concept features a perfectly balanced optical system that ensures over 90% light transmission, color fidelity and sharpness from edge to edge. Whether you're observing birds and wildlife, exploring landscapes or enjoying outdoor adventures - experience nature like never before.

With its rugged design and durable materials, the Conquest HDX is built to withstand the elements and perform reliably on any adventure. Whether in extreme temperatures, in wet conditions or direct sunlight - the Conquest HDX is durable, waterproof, and shockproof.

Rugged design

Protective full rubber armoring with non-slip grip and a durable, lightweight magnesium housing ensure reliable protection without weighing you down.

Great ergonomics

Smooth and durable eyecups with four positions for individual adjustment. You won't miss a thing with a fast, smooth, and precise focus wheel.



Premium Optical Performance

ED glass, aspheric lenses and FieldFlattener™ Technology for edge-to-edge sharpness across entire field of view. True-to-life colors without color fringing or color casts, allowing for flawless identification of bird species and wildlife.

Nature in HD

Unparalleled clarity and optical excellence is delivered through the use of ED Glass, aspheric lenses, and phase corrected roof prisms. ZEISS T* (T-star) premium lens coatings helps to deliver an impressive light transmission value of 90%.



ZEISS CONQUEST HDX

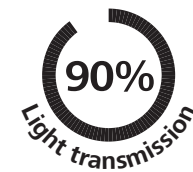
Impressive down to the smallest detail.

Unlock more discoveries with the Conquest HDX. Enjoy premium optical performance with vibrant clarity, 90 % light transmission, color fidelity, and edge-to-edge sharpness. With its robust design, it is built to withstand the elements and be your reliable companion wherever you go.

Carefully thought-out ergonomics ensure comfortable handling during longer periods of observation thanks to the non-slip grip and the smooth and precise focusing wheel. Adjustable eyecups

and lockable diopter settings ensure a customized viewing experience.

The Conquest HDX combines superior optical performance, robustness and ergonomics at an extremely attractive price, making it the ideal all-rounder in the premium optics range. Enhance your nature experience with the ZEISS Conquest HDX - Vibrantly sharp. Reliably rugged.



Conquer the outdoors in high definition.

- 90% light transmission for the brightest images even in low light conditions at dusk and in the morning.
- ZEISS T* multi-coating, carefully selected lenses and the phase-corrected roof prism ensure bright and true-to-life images.
- Extra-low dispersion glass reduces chromatic aberration.
- FieldFlattener technology and aspherical lenses deliver edge-to-edge sharpness.
- True-to-life colors without color fringing or color casts, allowing for flawless identification of bird and wildlife species.

HDX 8x32 10x32

Designed to be compact and lightweight, the Conquest HDX 32mm objective offer a portable yet powerful companion with an extra-wide field of view thanks to the HD lens system.

- Durable yet lightweight magnesium housing
- HD lens system
- Fast, precise, and smooth focusing



HDX 8x42 10x42

The new ZEISS Conquest HDX binoculars with 42 mm objective sets new standards in the combination of premium optical performance, rugged durability and ergonomic design. This makes them the ideal premium all-round binoculars at an attractive price.

The nitrogen filling prevents humidity within the glasses, ensuring confident use even in humid environments.

- All-purpose binoculars
- HD lens system
- Fast, precise, and smooth focusing



HDX 8x56 10x56 15x56

You can expect exceptional performance in difficult lighting conditions with optics that will stand out with first-class optical performance in all conditions. A tripod adapter is included with the 15 x 56 model.

The 56mm models are the specialists for low-light conditions. They will impress with a bright, high-contrast viewing image.

- Performs in extremely low light
- HD lens system
- Tripod adapter included with 15x model





For demanding **enthusiasts.**
ZEISS TERRA ED

With its fiberglass-reinforced and waterproof housing, ZEISS Terra ED binoculars will satisfy nature enthusiasts even with the highest standards.

Its low weight makes the Terra ED a perfect companion that fits comfortably in any pocket. It features a compact, lightweight, and rugged design. Proven ZEISS quality delivers an outstanding observation experience, even under adverse conditions.



Zeiss in the field

Thanks to the use of high-quality materials, ZEISS optical devices are always ready for use – even under extreme conditions. Binoculars and spotting scopes from ZEISS are 100% waterproof and nitrogen-filled, which prevents fogging from the inside, even during extreme temperature changes. The rubber armoring makes them rugged as well as shockproof and provides initial protection for the high-performance lenses inside the devices. This is how optical devices are created that can always be relied on.

Compact and lightweight

Terra ED binoculars stand out for their modern design and are both lightweight and comfortably compact thanks to their slim design.

The ZEISS commitment to quality

Outstanding materials and uncompromising manufacturing quality also ensure that the Terra ED features ZEISS' field-tested reliability and ruggedness.



A clear view in any weather

The ZEISS hydrophobic antireflective coating in combination with ED glass guarantees true-color images in any weather conditions.



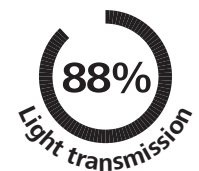
ZEISS TERRA ED

Compact ZEISS quality.



Perfect for when you're on the go.

- Smooth and easy-to-grip focusing wheel for particularly simple and fast focusing.
- Fiberglass-reinforced and waterproof housing for rugged environments.
- ED glass and the hydrophobic multicoating deliver true-color images.



ED Pocket

8x25
10x25

The Terra ED Pocket is extremely compact and lightweight, delivers outstanding visual quality in its class, and stands out due to its user-friendly operation.

- Award-winning German design and engineering
- SCHOTT ED glass and ZEISS MC coatings
- Compact and lightweight



ED

8x32
10x32

Impressive optical performance, precise focusing, and a compact design are the hallmarks of the 32 mm version of the Terra ED.

- Bright, crisp image, even in low light
- Quick and smooth focusing from 5.2 ft to infinity
- SCHOTT ED glass and ZEISS MC coatings



ED

8x42
10x42

The Terra ED 42 features a bright viewing experience that is rich in detail as well as outstanding ease of use.

- Bright, crisp image, even in low light
- Quick and smooth focusing from 5.2 ft to infinity
- SCHOTT ED glass and ZEISS MC coatings



Illustration represents product in use.



Illustration represents product folded for transport.



Mono 3x12

The 3x12 is a powerful mini-telescope with 3x magnification. It transforms Victory* and Conquest binoculars with objective lens diameters of 30 millimeters and larger into high-performance spotting scopes just by attaching it to the eyepiece with an adapter ring. Can also be used separately as a magnifier in the close focus range.

**Not compatible with SF.*



Monoculars

For a precisely detailed view at sporting events, in the theater or at longer distances outdoors, the Monos with ZEISS T* multi-coating impress with a bright and clear image. Some models can also be used as stand-alone magnifiers for detailed, close-up views.



See page 57 for technical specifications.

Focusing on the essentials

				Benefits		Main use		
Light transmission	Optical quality	Magnification		Ergonomics/technology	Field of view (1,000 m)	Outdoor/recreation	Birding/nature observation	Twilight/night
ZEISS Victory SF SF 42 SF 32		8x 10x		SmartFocus Concept Only 1.6/1.8 revolutions Intuitive, precise, and rapid focus adjustment. Ergonomic finger position.	ErgoBalance Concept • light • heavy The center of balance of the optical components is shifted to the rear, allowing for long periods of observation with minimal fatigue.	148 m 360 m 465 m 390 m	SF 8x42 SF 10x42 SF 8x32 SF 10x32	
ZEISS 		8x 10x		SmartFocus Concept Only 1.4 revolutions Intuitive, precise, and rapid focus adjustment. Ergonomic finger position.	Low weight Reduced weight thanks to a compact lens design, magnesium housing, and a lens diameter reduced by 2 mm.	131 m 122 m 105 m 140 m 115 m 142 m 120 m	SFL 8x50 SFL 10x50 SFL 12x50 SFL 8x40 SFL 10x40	
ZEISS Victory HT 		8x 10x		ComfortFocus Concept Maximum precision when focusing, even when wearing gloves, thanks to the large focusing wheel.	Optimized lens diameter Reduced weight thanks to optimized lens diameter.	130 m 110 m	HT 8x54 HT 10x54	
ZEISS Victory Pocket 		8x 10x		 Asymmetrical bridge for perfect stability and to quickly set the correct interpupillary distance.	 Small, handy, and can be stored anywhere thanks to its ultra-compact folding size. Perfect for travel and when out and about.	130 m 105 m	Pocket 8x25 Pocket 10x25	
ZEISS Conquest HDX 		8x 10x 15x		 Compact dimensions, low weight, and rugged housing design ensure the binoculars are ready for use in all conditions.	 Optimized and smooth controls – the focus wheel and eyecups are easy to adjust.	125 m 115 m 80 m 128 m 115 m 140 m 118 m	HDX 8x56 HDX 10x56 HDX 15x56 HDX 8x42 HDX 10x42	
ZEISS Terra ED/Pocket 		8x 10x		 Compact and lightweight – its small size makes it perfect for travel, observation in the backyard, and while on the go.		125 m 110 m 135 m 112 m 119 m 97 m	ED 8x42 ED 10x42 ED 8x32 ED 10x32 Pocket 8x25 Pocket 10x25	

- HT** **HT Concept**
High-transmission SCHOTT glass for optimal visibility in low light.
- UFL** **Ultra-FL Concept**
Multiple SCHOTT fluoride lenses for exceptionally vivid details and a true-to-life appearance.
- FL** **Fluoride Glass**
A natural appearance thanks to fluoride glass from SCHOTT.
- UHD** **Ultra-HD Concept**
Maximum detail visibility and color fidelity thanks to optimizations in coating and optical design.
- HD** **High-Definition Lenses**
For outstanding resolution and fine sharpness.
- ED** **Extra Low-Dispersion Lenses**
For enhanced color fidelity.
- FF** **ZEISS FieldFlattener Technology**
Extreme edge sharpness, even at wide fields of view.
- LotuTec®**
Dirt-repellent and extremely easy-to-clean lenses.
- T+**
Multi-layer coating for bright, high-contrast images.
- Magnification**
8x: A larger field of view and larger exit pupil enhances twilight visibility.
10x/15x: Enhanced ability to identify fine details.

*Hydrophobic and antireflective coating.

Highly Sophisticated Thermal Imaging Cameras

For exceptional nighttime observation.



ZEISS DTI 6/20 and 6/40

Superior image quality for photos and videos

When observing nature at night, every detail counts. With the DTI 6 thermal imaging cameras, you won't miss a thing thanks to ZEISS' proprietary ZEISS Smart Image Processing (ZSIP Pro) algorithm. This software delivers a sharp, high-contrast thermal image via the 640 x 480 sensor with 12 micron pixel pitch and the 1024 x 768 HD AMOLED display. ZSIP Pro ensures that you can easily identify key details under difficult environmental conditions and with low thermal

contrast. You can recognize specific details more reliably in order to identify your subject. The ZEISS DTI 40 provides a detection range of up to 2,180 yards. It boasts a whopping 3x optical magnification, with up to 10x digital zoom, to ensure that small details are easily discovered. The exchangeable battery supports 6.5 hours of continuous run time and can be quickly replaced while on the go.

ZEISS presents a complete series of DTI thermal imaging cameras that deliver highly detailed images for exceptional wildlife identification. ZEISS DTI thermal imaging cameras are designed to maximize your time viewing wildlife – and allows you to discover the nightlife - day or night. The ergonomic design and intelligent arrangement of the control buttons make the cameras exceptionally easy to handle and their

operation extremely intuitive. The high-resolution displays combined with either 0.1 or 0.5 zoom increments deliver detailed images for reliable spotting. As a result, the thermal imaging cameras continue to open up a completely new world of nature observation!

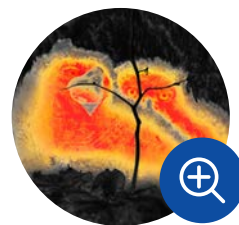


DTI 6



Perfect ergonomics

Thanks to the ErgoControl operating concept and its intelligent placement of the control buttons, each function can be managed intuitively, and the perfectly designed and shaped controls can be identified quickly – even when wearing gloves.



High-precision zoom

The fine, gradual zoom adjustment, in 0.5 increments, offers the perfect combination of magnification and detail recognition for reliable spotting.



Outstanding optics in familiar ZEISS quality

The high-resolution HD LCOS display delivers clean, detailed images for definitive spotting in total darkness.



DTI 6/20
For a wider field-of view

Superior Thermal Image Quality

DTI 6/40
For maximum magnification

Nature up close and personal.

Nature is always fascinating, no matter where you are in extremes like the Arctic and the Amazon as well as locations closer to home. This has led many people to discover their passion for birdwatching and nature observation. And this, in turn, means everyone has different requirements when it comes to their optical equipment.

Spotting scopes from ZEISS meet these needs in a variety of ways – with true-to-detail and multifaceted reproduction, wide fields of view, and breathtaking levels of magnification.

These are the qualities that make ZEISS spotting scopes popular around the world and ensure that every day we succeed in getting closer to nature more than ever before. Whether you are focusing on the migration of large flocks or the flight path of a single bird – you can rely on ZEISS.

Scan to learn more
www.zeiss.com/nature



Spotting scopes from ZEISS feature a wide range of advanced technologies and innovations. The following pages contain detailed information about the advantages and technical features of ZEISS spotting scopes. Here's an initial overview:

Unforgettable Experiences

Bright and clear viewing thanks to T* multicoating, the UFL concept, SCHOTT fluoride glass, and the HD lens system.

Everything quickly in view

Comfortable and fast focusing thanks to DualSpeed Focus and the ComfortVision concept.

Extremely wide field of view

See and discover more with high-resolution lens systems.

Weather resistance

Nature observation in any weather thanks to the LotuTec® coating.



From **maximum field of view** to maximum **magnification**.
VICTORY HARPIA

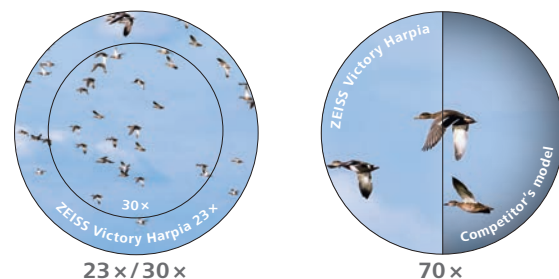
The great outdoors is already truly fascinating when observed with the naked eye. But viewing nature through a Victory Harpia transforms it into an entirely new experience.

This spotting scope offers a new, exceptional lens system with 3x wide-angle zoom and up to 70x magnification with a choice of 85 or 95 mm lens diameter. Extremely wide fields of view are impressive in every situation. DualSpeed Focus enables fast and accurate focusing, even at high magnification.

Whether far away or up close, the unmatched dynamic performance of the Victory Harpia ensures that you remain in control of any unexpected observation situation.

ComfortVision concept

Exceptionally wide viewing angle from 23x to 70x magnification for a noticeably enhanced overview in the field.

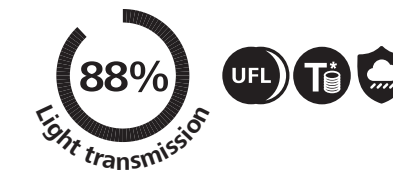
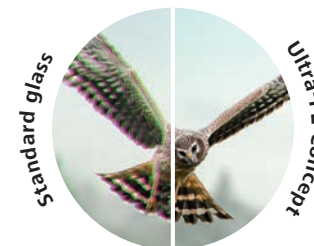


Field of view comparison of a spotting scope at 30x minimum magnification (small circle) with the field of view of the Harpia at 23x minimum magnification (large circle).

Even closer to nature.

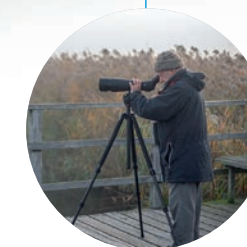
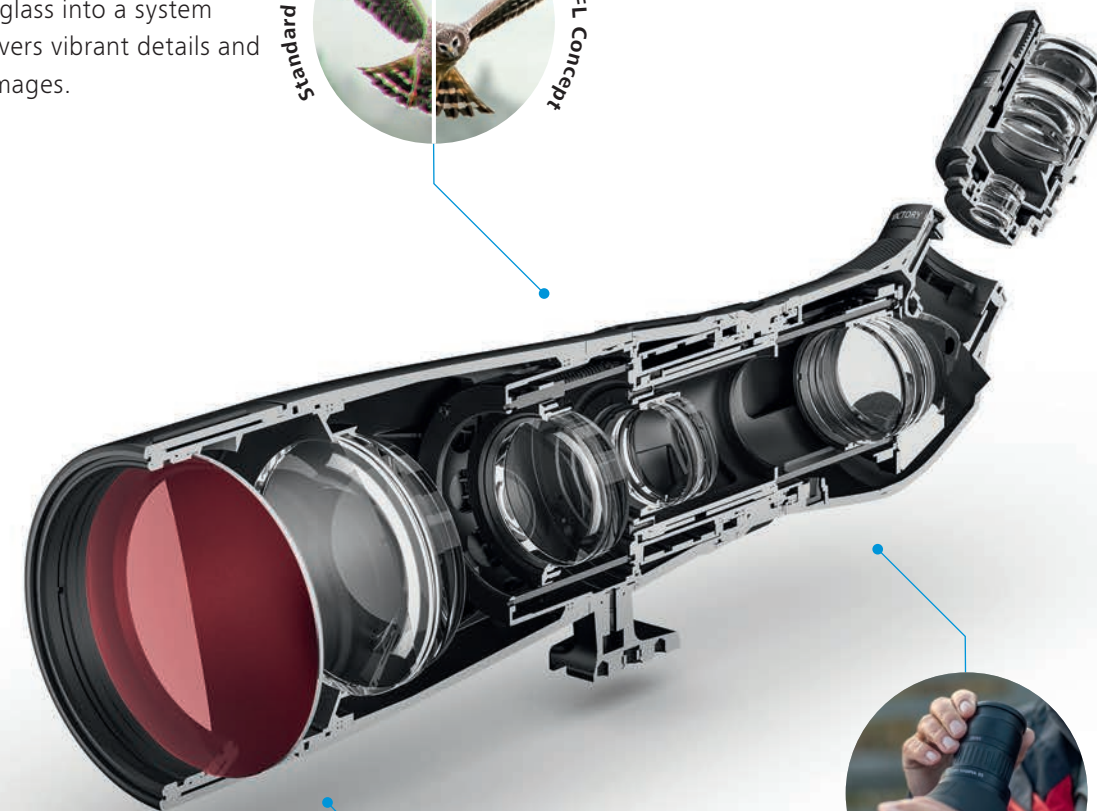
Exceptional viewing experience

The UFL Concept combines several lenses made of SCHOTT fluoride glass into a system that delivers vibrant details and lifelike images.



High-contrast and vibrant

T* multicoating for vibrant and high-contrast images.



Unparalleled large zoom range

From maximum field of view at 23x magnification to maximum zoom at 70x magnification in seconds.



Harpia 95



This extraordinary lens system features a 3 × wide-angle zoom, up to 70 × magnification, and a 95 mm lens diameter. Particularly noteworthy are the extremely wide fields of view, fast focusing, and precise focusing even at high magnifications.



ZEISS in the field

Care tips from ZEISS

The LotuTec® coating is both durable and abrasion-resistant, and its special surface creates a beading effect that makes cleaning the lens easier. We recommend using a ZEISS lens cleaning cloth to clean the lens surface. Do not wipe off coarse particles on the lenses, such as sand. Instead, wash them off or remove them with a lens brush.



Harpia 85



This spotting scope offers the same advantages as the Harpia 95 – with an 85 mm diameter lens. Thanks to FL glass and other special types of glass, the Harpia 85 provides an absolutely sharp and true-color view, even at maximum magnification.



Carrying case for Victory Harpia

The pouch provides reliable protection against moisture and the elements, and is comfortable to carry, and makes it possible to quickly use the spotting scope. The caps for the eyepiece and lens can be secured to the bag so you don't lose them.

ZEISS photo adapter

Whether for photography or videography, the photo adapter (M49, M52, M58) allows you to connect a digital camera directly to the Victory Harpia, turning the spotting scope into a powerful telephoto lens.

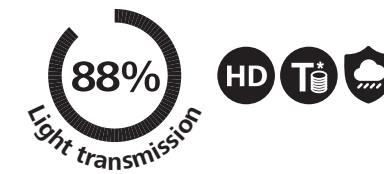
Harpia adapters	Order no.
M49 photo adapter	52 83 57-9901
M52 photo adapter	52 83 57-9902
M58 photo adapter	52 83 57-9903



A compact **lightweight** model.

Perfect Ergonomics

The spotting scope features a large focusing ring for precise operation and simple focusing.



Light and compact

Its compact size and light weight design make the Conquest Gavia an excellent option for those you travel and spend long days in the field.



Close Focus

The spotting scopes close focusing distance of only 10.8 ft is truly unique in this class, making it easy to view even the smallest objects.

Vibrant and rich in detail

High-precision roof prisms and high-definition glass produce high-resolution images and fine sharpness. The T* multicoating delivers vibrant, high-contrast images.



On the road with explorers.

ZEISS CONQUEST GAVIA

Thanks to its impressive precision, low weight, and rugged construction, the ZEISS Conquest Gavia is an indispensable companion during expeditions off the beaten path.

The spotting scope has an 85 mm objective lens diameter and is particularly compact and lightweight. This makes it an ideal tool for both close-up and long-distance observation, especially in hard-to-reach areas. The spotting scopes close focusing distance is truly unique in this class, making it easy to view even the smallest objects.

The high-resolution lens system and fast, precise focus, turn brief moments of observation into unforgettable views. Whether individual animals or entire flocks, with the Conquest Gavia 85's 60x magnification, birders and nature watchers are sure to enjoy the details of nature in any situation.

LotuTec®



There are impressive things to observe outdoors, even in wet weather. ZEISS developed LotuTec® precisely for this purpose. This is a coating on the lenses of binoculars and spotting scopes that provides unobstructed visibility in all weather conditions.



Gavia 85



The spotting scope has an 85 mm objective lens diameter and is particularly compact and lightweight. This makes it an ideal tool for both close-up and long-distance observation, especially in hard-to-reach areas. The spotting scopes close focusing distance is truly unique in this class, making it easy to view even the smallest objects.



ZEISS in the field

Care tips from ZEISS

The LotuTec® coating is both durable and abrasion-resistant, and its special surface creates a beading effect that makes cleaning the lens easier. We recommend using a ZEISS lens cleaning cloth to clean the lens surface. Do not wipe off coarse particles on the lenses, such as sand. Instead, wash them off or remove them with a lens brush.

ZEISS in the FIELD

The Zeiss photo adapters can be easily adapted to other lens thread sizes by using simple STEP rings. Due to their low weight, MFT (Micro Four Thirds) cameras with suitable prime lenses from 17 to 25 mm are particularly suitable for digiscoping. But APS-C cameras with corresponding lenses, such as the Sony Zeiss 2.8/35 mm, also can be used to take photographs in all of the spotting scope's magnification ranges.



Burrowing Owl

Discovered with a ZEISS Harpia spotting scope and captured as an image with a system camera and digiscoping technology.

Photography: Luke Tiller



NEW

Fluid Head for Easy Operation

Tripod Kit

We think that when you purchase a top-tier tripod, your investment should include everything you need to get started right out of the box. That's why our kits include a high-performance fluid head.

Arca-Swiss Compatible

The well-thought-out design of the controls makes it easy to attach the optical device and quick to set up. The extendable, ergonomic handle ensures a secure grip and excellent control for stutter-free viewing and filming.



Image above illustrates the right side view.

PRO-SERIES TRIPOD KITS

The **ZEISS Pro-Series UNIVERSAL Tripod Kit** is your ideal observation platform for many situations. With highly stable, adjustable tripod legs, and a fluid head that allows for precise and smooth viewing; it's perfect for mounting optics, cameras, and other devices. If you are watching wildlife, taking photos, or digiscoping, you can rely on quality and performance wherever you are!

The **ZEISS Pro-Series LIGHTWEIGHT Tripod Kit** is the ideal choice for those on the go. With its lightweight and compact design, it enables effortless relocation and is particularly suitable for traveling. The quick and easy set-up ensures you don't waste valuable time. Perfect for bird and wildlife watching!



10-year warranty with product registration

Ergo-friendly Adjustment Knobs

The fluid head offers effortless operation and perfect balance for precise, smooth movements. Convenient, ergo-friendly adjustments and a reliable clamping system facilitate handling and ensure maximum safety of the optic or device.

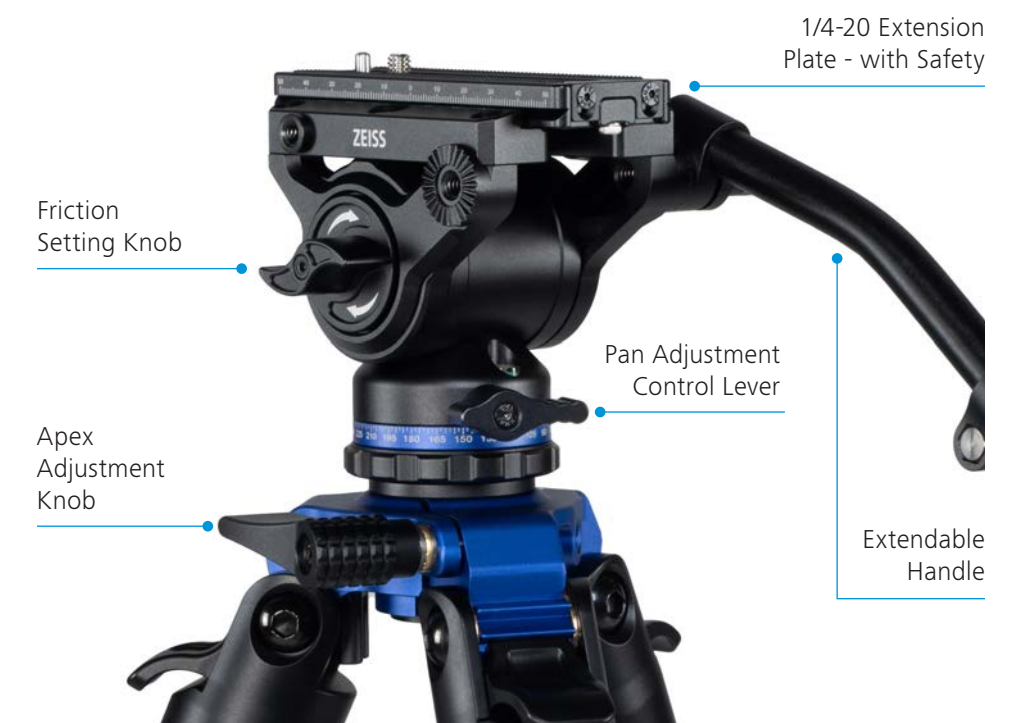


Image above illustrates the left side view.

Pro-Series **UNIVERSAL** Tripod Kit

High-Performance Observation Platforms

1/4-20 Extension Plate - with Safety

Fluid Head with Extension Handle

Modular Apex

Easy-press Leg Adjustment (24, 55 and 85°)

3-section Leg

Removeable Center Column

36 mm Diameter Legs

10-layer Carbon Fiber Legs

Extended Twist Locks

Thread-in Rubber Feet

Arca-Swiss Compatible



What's in the Kit?

- UNIVERSAL Tripod – 6.17 lbs
- Fluid Head
- Extendable Handle
- Removable Center Column
- 3/8-inch Thread-on Head Adapter
- 1/4-20 Extended Adapter Plate
- Tripod Bag with Shoulder Strap
- Leg Wraps x2
- Tool Kit
- Spiked Feet
- Quick Guide



Pro-Series **LIGHTWEIGHT** Tripod Kit

Specialized Observation Platforms

1/4-20 Extension Plate - with Safety

Fluid Head with Extension Handle

Modular Apex

Easy-press Leg Adjustment (24, 55 and 85°)

3-section Leg

Extended, Removeable Center Column

**Only
4.6
pounds**

28 mm Diameter Legs

10-layer Carbon Fiber Legs

Extended Twist Locks

Thread-in Rubber Feet

Arca-Swiss Compatible



See page 51 for a complete list of tripod accessories.

What's in the Kit?

- LIGHTWEIGHT Tripod – 4.6 lbs
- Fluid Head
- Extendable Handle
- Removable Extended Center Column
- 3/8-inch Thread-on Head Adapter
- 1/4-20 Extended Adapter Plate
- Tripod Bag with Shoulder Strap
- Leg Wraps x2
- Tool Kit
- Spiked Feet
- Quick Guide



Binocular Accessories

Tripod Adapter 1/4"

This ZEISS tripod adapter is made to mount the Conquest HD or Terra ED binoculars to a tripod. It is constructed from high-grade magnesium and has a 1/4-20 female threaded connector on its base.

Tripod Adapter	Product Number
Tripod Mount 1/4"	52 83 88

Binofix Universal Tripod Mount

The universal adapter ensures that the ZEISS binoculars of 30 mm objective sizes or larger can be mounted quickly and easily on any type of tripod. This enables stable observation over longer periods of time, even at extremely high magnifications. When you use a tripod-mounted binocular with the triple boost of the Mono attachment, you can enjoy a visual experience similar to that provided by a spotting scope.

Tripod Mount	Product Number
Binofix Tripod Fixture – Suitable for All Binocular Models	52 83 87

Adapter for Magnification Attachment

In order to use the Mono 3x12 T* as a booster for your binoculars, you need to attach it with an adapter.

Magnification Attachment Adapter	Product Number
Victory® FL/RF/HT & Conquest® HD – Adapter for 3x12 Mono – Tripler – 32 & 42 mm	52 83 77
Conquest® HD – Adapter for 3x12 Mono – 56 mm	52 83 79

Field Case for	Product Number
Victory SF	2060 069
Terra ED 32	2196 165
Terra ED 42	2196 167
Terra Pocket	2197 806

Stay-On Case / Ever-Ready Case	Product Number
Victory Harpia 85	2169 977
Victory Harpia 95	2196 976
Conquest Gavia 85	2196 979

Cordura Bag	Product Number
Conquest HD and Terra ED – 32 mm	2070 548
Conquest HD and Terra ED – 42 mm	1976 008

Carrying Strap	Product Number
Air Cell Comfort Carrying Strap	52 91 13

Binocular Harness	Product Number
Binocular Harness (Premium)	52 91 15



Tripod Adapter



Binofix Universal Tripod Mount



Adapter for Magnification Attachment



Field Case for Victory SF



Field Case for Terra ED



Field Case for Terra Pocket



Cordura Bag



Air Cell Comfort Carrying Strap



Binocular Harness (Premium)



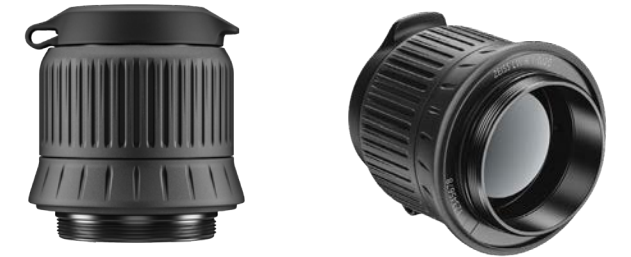
Thermal Imaging Camera Accessories

The ZEISS DTI 6 can be used with either a 20 mm or 40 mm focal length lens. Thanks to a thread-in design, the ZEISS DTI 6 lenses can be easily exchanged, allowing the camera to be adapted to any hunting situation – whether game is near or far.

Interchangeable 20 mm Lens

Equipped with the 20 mm lens, the ZEISS DTI 6 is ideally suited for observing game in enclosed areas with dense timber and vegetation.

DTI 6	Product Number
20 mm Lens	52 70 21



DTI 6 – 20 mm lens (For a wider field-of-view)

Interchangeable 40 mm Lens

The longer 40 mm focal length for the ZEISS DTI 6 offers higher magnification and greater detection range for game at longer distances, and is typically used in more open terrain.

DTI 6	Product Number
40 mm Lens	52 70 22



DTI 6 – 40 mm lens (For maximum magnification)

Battery Charger

The ZEISS battery charger makes it easy to charge the DTI 6 battery. The charger is lightweight and fits in a pocket for on-the-go use.

DTI 6	Product Number
Battery Charger	2485 345



Battery Charger

Battery Pack

High-quality lithium-ion battery with a capacity of 3,200 mAh for longer periods of observation with the ZEISS DTI 6. It also serves as an additional power pack when recharging is not an option.

DTI 6	Product Number
Battery Pack	2450 741



Battery Pack

Spotting Scope Accessories



Stay-On Case for Victory Harpia

The case offers reliable protection against all kinds of weather and wet conditions, is comfortable to carry, and enables fast access to the spotting scope for use. The caps for the eyepiece and the objective lens can be securely attached to the case to prevent loss.

	Product Number
Victory Harpia 85 Stay-On Case	2169 977
Victory Harpia 95 Stay-On Case	2169 976
Victory Harpia Eyepiece Pouch, Neoprene	2164 352



Stay-On Case for Conquest Gavia

Developed especially for the Conquest Gavia, this case protects the spotting scope against environmental influences, such as moisture and dirt. In addition, optimum carrying comfort, fast access to the spotting scope for use, and an option for attaching the eyepiece and objective lens cap to the case make it an invaluable part of the equipment.

	Product Number
Conquest Gavia 85 Stay-On Cover	2169 979



1.25" Astro Adapter

For mounting standard astro eyepieces.

	Product Number
Conquest Gavia 85 Astro Adapter	52 83 45



ZEISS Photo Adapter

Whether for still photos or film, the photo adapter (for M49, M52 or M58 filter threads) enables direct attachment of a digital camera to transform the spotting scope into a powerful telephoto lens.

Spotting Scope	Product Number
Conquest Gavia 85 Photo Lens Adapter M49	52 83 48 9901
Conquest Gavia 85 Photo Lens Adapter M52	52 83 48 9902
Conquest Gavia 85 Photo Lens Adapter M58	52 83 48 9903
Victory Harpia Photo Lens Adapter M49	52 83 57 9901
Victory Harpia Photo Lens Adapter M52	52 83 57 9902
Victory Harpia Photo Lens Adapter M58	52 83 57 9903

Pro-Series Tripod Accessories



Tripod-to-Binocular Adapter

Arca-Swiss and 1/4-20 adapter, with thread-in spud and set screw (two-piece system)



Ballhead V-60

Versatile, 60 mm ball head with up to 115 degrees of compound angle adjustments, with multiple controls



Binocular Clamp

Arca-Swiss compatible, to hold various sizes of multiple brands of binoculars atop a tripod



Ballhead L-55

Low-Profile, 55 mm ball head with up to 90 degrees of angle adjustments, with multiple controls



Multi-Device Rail

Arca-Swiss compatible, allows for multiple devices to be mounted atop a tripod (three-piece system)

Ballhead	Order Number
Ballhead V-60	2708-888
Ballhead L-55	2708-889



Accessory Rock Bag

Adapts to most tripods to allow for adding weight, for improved stability

Pro-Series Tripod Accessories	Order Number
Tripod-to-Binocular Adapter	2708-919
Binocular Clamp	2708-928
Multi-Device Rail	2708-936
Accessory Rock Bag	2708-896



Binofix Universal Tripod Mount

Binofix Universal Tripod Mount	Order Number
Binofix Tripod Fixture – Suitable for 30 mm (plus) Objectives	52 83 87

Lens Cleaning Products

ZEISS premium lens care assortment



ZEISS Lens Care Kit

2-ounce lens cleaning spray bottle and a microfiber cloth.

	Product Number
Lens Care Kit – 2 oz	2127 990
Jumbo Microfiber Cleaning Cloth 12" x 16"	2127 538
Anti-Fog Defender Kit	2451-373



ZEISS Lens Cleaning Kits

Bellows, dust brush, optic cleaning solution (1 oz), microfiber cloth (18x18 cm) and 10 wet wipes.

	Product Number
Deluxe Lens Cleaning Kit 1 oz bottle lens cleaning fluid, 10x moistened wipes, cleaning brush, air blaster, microfiber cloth, case.	2390 186



ZEISS Lens Wipes

Individually packaged pre-moistened lens cleaning wipes.

	Product Number
Lens Wipes - 60 ct Box	2127 721
Lens Wipes - 120 ct Box	2451 374
Anti-Fog Lens Wipes - 30 ct Box	2451 375
Lens Wipes - 30 ct Box	2462 614

ZEISS Accessories



AntiFOG Kit

ZEISS AntiFOG spray is applied gently and quickly to the lens of your binoculars or spotting scopes. The result: the lens remains fog free for up to 72 hours – without interfering with its optical quality. In order to ensure that ZEISS AntiFOG achieves the best results, the lens should first be cleaned with the included ZEISS lens cleaning wipe. This makes it easy to maintain a crystal clear view, even in extremely humid conditions.

Multi-Device Rail

The ZEISS multi-device rail is a versatile accessory that allows you to attach multiple devices to your tripod head at the same time. With Arca-Swiss and 1/4-20 compatibility, a variety of devices such as spotting scopes, binoculars, thermal imaging devices and more can be securely attached. This makes it the ideal solution to maximize the functionality and efficiency of your tripod setup.



ZEISS in the field

Care tips from ZEISS

The LotuTec® coating is both durable and abrasion-resistant, and its special surface creates a beading effect that makes cleaning the lens easier. We recommend using a ZEISS lens cleaning cloth to clean the lens surface. Do not wipe off coarse particles on the lenses, such as sand. Instead, wash them off or remove them with a lens brush.

Binoculars

Victory binoculars Model	SF				Pocket	
	8 × 32	10 × 32	8 × 42	10 × 42	8 × 25	10 × 25
Light transmission	90%		92%		91%	
Magnification	8	10	8	10	8×	10×
Effective Lens diameter	32 mm		42 mm		25 mm	25 mm
Exit pupil diameter	4 mm	3.2 mm	5.3 mm	4.2 mm	3.1 mm	2.5 mm
Twilight factor	16	17.9	18.3	20.5	14.1	15.8
Field of view at 1,000 yds	465 ft	390 ft	444 ft	360 ft	390 ft	315 ft
Subjective viewing angle	67°	69°	64°		60°	
Close focusing distance	6.4 ft		4.9 ft		6.2 ft	
Diopter adjustment range	+/-4 dpt				±3 D	
Exit pupil distance	19 mm		18 mm		16.5 mm	
Interpupillary distance (IPD)	54-76 mm		55-76 mm		34-74 mm	
Prism system	Schmidt-Pechan		Schmidt-Pechan		Schmidt-Pechan	
Coating	LotuTec®					
Nitrogen filling	Yes				Yes/Yes	
Water resistance	400 mbar				100 mbar	
Operating temperature	-22/+145 °F				-13/+145 °F	
Length	5.9 in		6.8 in		4.4 in	
Width at an interpupillary distance of 65 mm	4.4 in		4.9 in		3.9 in	
Weight	21.2 oz	20.8 oz	27.8 oz		10.2 oz	
Order no.	52 32 24	52 32 25	52 42 23	52 42 24	52 20 38-9901	52 20 39-9901

Model	SFL						
	8 × 30	10 × 30	8 × 40	10 × 40	8 × 50 <small>NEW</small>	10 × 50 <small>NEW</small>	12 × 50 <small>NEW</small>
Magnification	8×	10×	8×	10×	8×	10×	12×
Effective Lens Diameter	30 mm		40 mm		50 mm		
Exit Pupil Diameter	3.75 mm	3 mm	5 mm	4 mm	6.25 mm	5.0 mm	4.2 mm
Twilight Factor	15.5	17.3	17.9	20.0	20.0	22.4	24.5
Field of View at 1,000 yds	142 m / 426 ft	120 m / 360 ft	140 m / 420 ft	115 m / 345 ft	131 m / 393 ft	122 m / 366 ft	105 m / 315 ft
Angular Field of View, Apparent	63°	65°	60°		58°	66°	68°
Close Focusing Distance	1.5 m / 4.9 ft				1.8 m / 5.9 ft		
Diopter Adjustment Range	± 4 dpt						
Exit Pupil Distance	18 mm			20 mm	18 mm	18 mm	
Interpupillary Distance	52-74 mm			56-74 mm			
Prism System	Schmidt-Pechan						
Coating	ZEISS T*						
Nitrogen Filling	Yes						
Water resistance	400 mbar (submerged 13 ft for 2 hours)						
Operating Temperature	-4 / +131 °F						
Length	120 mm / 4.7 in		144 mm / 5.7 in		160 mm / 6.3 in		
Width at an Interpupillary Distance of 65 mm	107 mm / 4.2 in		144 mm / 4.5 in		133 mm / 5.2 in		
Weight	460 gr / 16.2 oz		640 gr / 22.6 oz		855 gr / 30.2 oz	872 gr / 30.8 oz	872 gr / 30.8 oz
Tripod Adapter Interface	Yes						

Conquest binoculars Model	HDX						
	8 × 32	10 × 32	8 × 42	10 × 42	8 × 56	10 × 56	15 × 56
Light transmission	90%		90%		90%		
Magnification	8×	10×	8×	10×	8×	10×	15×
Effective lens diameter	32 mm	32 mm	42 mm	42 mm	56 mm	56 mm	56 mm
Exit pupil diameter	4 mm	3.2 mm	5.25 mm	4.2 mm	7 mm	5.6 mm	3.7 mm
Twilight factor	16	17.9	18.3	20.5	21.2	23.7	29.0
Field of view at 1,000 yards	420 ft	354 ft	384 ft	345 ft	375 ft	345 ft	240 ft
Angular field of view	64°	68°	59°	66°	57°	66°	69°
Close focusing distance	4.9 ft		6.5 ft		11.5 ft		
Diopter adjustment range	+/-4 D		+/-4 D		+/-4 D		
Exit pupil distance	16 mm		18 mm		18 mm		
Interpupillary distance	54-74 mm		54-74 mm		54-74 mm		
Lens type	HD		HD		HD		
Prism system	Schmidt-Pechan		Schmidt-Pechan		Abbe-König		
Coating	LotuTec®/T*		LotuTec®/T*		LotuTec®/T*		
Nitrogen filling	Yes		Yes		Yes		
Watertightness	400 mbar		400 mbar		400 mbar		
Operating temperature	-21 / +141 °F		-21 / +141 °F		-4 / +145 °F		
Height	4.9 in		6.5 in		8.27 in		
Width	4.5 in		4.7 in		5.7 in		
Weight	22.2 oz	22.2 oz	28 oz	28 oz	44.6 oz	45 oz	45.7 oz
Order no.	52 32 14	52 32 15	52 42 14	52 42 15	52 56 34	52 56 35	52 56 36

Binoculars

Terra binoculars Model	ED					
	8×25	10×25	8×32	10×32	8×42	10×42
Light transmission	88%		88%		88%	
Magnification	8×	10×	8×	10×	8×	10×
Lens diameter	25 mm		32 mm		42 mm	
Exit pupil diameter	3.1 mm	2.5 mm	4 mm	3.2 mm	5.3 mm	4.2 mm
Twilight factor	14.1	15.8	16	17.9	18.3	20.5
Field of view at 1,000 yards	357 ft	291 ft	442 ft	367 ft	375 ft	330 ft
Angular field of view	52°	54°	61°	61°	56°	60°
Close focusing distance	5.7 ft		5.25 ft		5.25 ft	
Diopter adjustment range	±3 D		±3 D		±3 D	
Exit pupil distance	16 mm		16.5 mm		18 mm	14 mm
Interpupillary distance	35–72 mm		56–74 mm		58–75.5 mm	
Lens type	ED		ED		ED	
Prism system	Schmidt-Pechan		Schmidt-Pechan		Schmidt-Pechan	
Coating	Hydrophobic ZEISS MC		Hydrophobic ZEISS MC		Hydrophobic ZEISS MC	
Nitrogen filling	Yes		Yes		Yes	
Watertightness	100 mbar		100 mbar		100 mbar	
Operating temperature	–4/+145 °F		+5/+140 °F		+5/+140 °F	
Height	4.4 in		4.9 in		5.5 in	
Width	4.5 in		4.61 in		4.7 in	
Weight	10.9 oz		17.98 oz		24.5 oz	
Order no. black / green			52 32 03-99 08	52 32 04-99 08	52 42 03-99 08	52 42 04-99 08
black / black	52 25 02-99 01	52 25 03-99 01	52 32 03-99 01	52 32 04-99 01	52 42 03-99 01	52 42 04-99 01
black / gray	52 25 02-99 07	52 25 03-99 07	52 32 03-99 07	52 32 04-99 07	52 42 03-99 07	52 42 04-99 07

Monoculars

Model	Monoculars					
	3×12	4×12	6×18	8×20	10×25	MiniQuick® 5×10
Magnification	3×	4×	6×	8×	10×	5×
Effective Lens Diameter	12 mm		18 mm	20 mm	25 mm	10 mm
Exit Pupil Diameter	4 mm	3 mm		2.5 mm		2 mm
Twilight Factor	6	6.9	10.4	12.6	15.8	7
Field of View at 1,000 yds	660 ft	540 ft	360 ft	330 ft	264 ft	300 ft
Angular Field of View, Apparent	38°	41°		51°		29°
Close Focus	0.66 ft	1.48 ft	0.98 ft	9.84 ft	14.78 ft	13.12 ft
Diopter Range	± 4 dpt					
Eye Relief	12 mm	15 mm				16.5 mm
Lens Type	Achromat					
Prism System	Schmidt-Pechan					–
Coating	ZEISS T*					
Waterproof	Splash-Proof					
Operating Temperature	–4° / +105 °F					
Height	1.89 in	2.4 in	3.35 in	3.66 in	4.29 in	4.45 in
Weight	1.9 oz	1.58 oz	2.05 oz	2.72 oz	3.1 oz	0.81 oz
Order no.	52 20 12	52 20 50	52 20 51	52 20 52	52 20 53	52 20 10

All with ZEISS T* multi-layer coating.

All feature ZEISS T* multicoating.
Subject to changes in design and scope of delivery as a result of ongoing technical development.

DTI Thermal Imaging Cameras

Model	DTI 6/20	DTI 6/40
Optics		
Focal length	20 mm / F1.0	40 mm / F1.0
Thermal detection range*	1,000 m (1,090 yds)	2,000 (2,180)
Lens field of view in feet at 100 yards	114 ft	57 ft
Lens side field of view in ° (horizontal × vertical)	22° × 16°	11° × 8.2°
Optical magnification	1.5x	3.0x
Maximum digital zoom	10 ×	
Zoom increments	In 0.5x steps: 0.1 – 1.0	
Sensor		
Sensor resolution	640 × 480 px	
Sensor pixel pitch	12 μm	
NETD**	≤ 35 mK	
Image frequency	50 Hz	
Display		
Display resolution	1,024 x 768 px	
Display type	AMOLED	
Software		
	ZSIP Pro (ZEISS Smart Image Processing Pro)	
Electronics		
Interfaces	USB: charging + data transfer WLAN: data transfer Bluetooth: data transfer	
Battery	Lithium-ion	
Battery life	6.5 hours	
External power supply	9 V / 2 A, 12 V / 1.5 A (USB)	
Internal memory	16 GB	
Video/image/live-streaming feature	Yes	
WLAN frequency	2.4 GHz	
WLAN standard	IEEE 802.11b/g/n	
Connection with other devices	ZEISS Hunting App or USB	
General		
Ingress protection rating	IP65 and IP67	
Operating temperature range	−20° C to +50° C / −4° F to 122° F	
Charging temperature range	0° C to +50° C / 32° F to 122° F	
Length × width × height	9.06 x 2.44 x 2.68 in / 230 mm × 62 mm × 68 mm	7.36 × 2.72 × 2.87 in / 228 mm × 69 mm × 73 mm
Weight	690 g / 24.3 oz	755g / 26.6 oz

*According to Johnson's calculation method

**NETD (Noise Equivalent Temperature Difference): Listed as a number for distinguishing temperature differences measured in millikelvins (mK). Specifications listed herein are accurate at time of printing and are subject to change for product updates and improvements.

Spotting Scopes

Victory spotting scopes	Harpia	
Model	85	95
Light transmission	88 %	88 %
Focal length	162–486 mm	174–523 mm
Filter thread on lens	M86 × 1	M95 × 1
Lens diameter	85 mm	95 mm
Close focus	3.8 yds	4.9 yds
Length × width × height	4.8 × 4.1 × 15.1 in	4.9 × 4.3 × 16.1 in
Weight without eyepiece	68.2 oz	73.3 oz
Watertightness	400 mbar	
Nitrogen filling	Yes	
Order no.	52 80 47	52 80 57

	Eyepiece	
Magnification	22–65 ×	23–70 ×
Focal length	7.48 mm	
Field of view at 1,000 yds	189.6–63.0	176.4–58.5
Zoom factor	3×	
Exit pupil diameter	2.50–1.31 mm	2.50–1.34 mm
Diameter	2.1 in	
Length	2.8 in	
Weight	7.8 oz	
Order no.	52 80 70	

Includes eyepiece and lens cap. All feature ZEISS T* multicoining.

Subject to changes in design and scope of delivery as a result of ongoing technical development. More information is available online at www.zeiss.com/consumer-products

Model	Astro adapter for
1¼" astronomical telescopes	52 83 85
2" astronomical telescopes	52 83 86
Astro adapter for DiaScope	52 83 82

Model	Gavia 85
Light transmission	88 %
Magnification	30–60 ×
Lens diameter	85 mm
Exit pupil diameter	2.8–1.4 mm
Focal length	494 mm
Field of view at 1,000 yds	99 ft – 69 ft
Close focusing distance	10.8 ft
Lens type	HD
LotuTec® / nitrogen filling	Yes / Yes
Watertightness	400 mbar
Lens thread	M86 × 1
Length	15.6 in
Weight (incl. eyepiece)	60 oz
Order no. (incl. 30–60 × 85 eyepiece)	52 80 48-0000-000

Includes eyepiece and lens cap.

Gavia adapters	Order no.
Astro Adapter	52 83 45
M49 photo adapter	52 83 48-9901
M52 photo adapter	52 83 48-9902
M58 photo adapter	52 83 48-9903

Subject to changes in design and scope of delivery as a result of ongoing technical development. More information is available online at www.zeiss.com/consumer-products

Model	Carrying case for
Conquest Gavia 85	2169-979
Victory Harpia 85	2169-977
Victory Harpia 95	2169-976

Pro-Series Tripod Kits

Model	Universal <small>NEW</small>	Lightweight <small>NEW</small>
Leg Tube Diameter (mm)	36 – 32 – 28 mm	28 – 25 – 22 mm
Weight (with head)	2.8 kg / 6.17 lbs	2.1 kg / 4.6 lbs
Maximum Height	186 cm / 73 in	176 cm / 69.3 in
Maximum Height (with center column down)	160 cm / 63.2 in	135 cm / 53.3 in
Compressed Size (including head)	77.5 cm / 30.5 in	68.5 cm / 27 in
Max Load Tripod	60 kg / 132.2 lbs	40 kg / 88 lbs
Max Load Tripod (with head)	5 kg / 11 lbs	5 kg / 11 lbs
Leg Angles	24° – 55° – 85°	
Leg Sections	3	
Leg Adjustment Mechanism	Extended Twist Locks	
Center Column	Removable	Extended and Removable
Arca-Swiss Compatible	Yes	
Adapter Plate	Yes	
Integrated Bubble Level	Yes	
Head Type	Fluid Head	
Product Number	2708-765	2708-793





ZEISS Transferable Limited Lifetime Warranty and Transferable Five-Year No-Fault Policy

At ZEISS North America we back your Sports Optics purchase with a limited lifetime warranty as well as a 5-year no-fault policy – both fully transferable.

The warranty protects against defects in workmanship and materials in the Optical System for the life of the product, and in electronic components for five years from the date of purchase. Components and accessories (such as lens caps) are warranted for one year from the date of purchase. If a ZEISS product has a defect covered by this warranty, we will either repair it, or replace it, with a new or reconditioned ZEISS product of comparable specifications. **Please note** that certain specialty products (such as stabilized binoculars and DTI thermal cameras) have shorter warranty periods.

ZEISS understands that accidents happen, so in addition to the limited lifetime

warranty, we offer the added protection of our transferable Five-Year No-Fault Policy on **select Victory, Conquest, V8, SFL and LRP products**. If you accidentally damage your product during normal and intended use within the first five years of the life of the product, we will either repair it, or replace it, at no cost to you.

To view the complete details of the Transferable ZEISS Limited Lifetime Warranty and Transferable Five-Year No-Fault Policy, please visit:
zeiss.com/consumer-products/us/service.html

ZEISS DTI Thermal Imaging Cameras Warranty

ZEISS grants a minimum warranty period of two years from the date of purchase for ZEISS DTI Thermal Imaging Cameras. The DTI cameras are also eligible to have the warranty extended by one year, for a total of three years. In order to do so, the buyer needs to

register the product via ZEISS Online Registration within four weeks of the purchase date. Register online at
zeiss.com/consumer-products/us/service/product-registration.html

OVERVIEW OF BENEFITS

HT **HT Concept**
High-transmission SCHOTT glass for optimal visibility in low light.

UFL **Ultra-FL Concept**
Multiple SCHOTT fluoride lenses for exceptionally vivid details and a true-to-life appearance.

FL **Fluoride Glass**
A natural appearance thanks to fluoride glass from SCHOTT.

UHD **Ultra-HD Concept**
Maximum detail visibility and color fidelity thanks to optimizations in coating and optical design.

HD **High-Definition Lenses**
For outstanding resolution and fine sharpness.

ED **Extra Low-Dispersion Glass**
For enhanced color fidelity.

FF **ZEISS FieldFlattener Technology**
Extreme edge sharpness, even at wide fields of view.

LotuTec®
Dirt-repellent and extremely easy-to-clean lenses.

T*
Multi-layer coating for sharp and high-contrast viewing.

Become a Part of the
ZEISS Birding Community

Follow us online:

facebook.com/ZEISSbirding

instagram.com/ZEISSnature

youtube.com/ZEISSnature

Customer Service

1-800-441-3005
consumerservice.cop.us@zeiss.com

Carl Zeiss SBE, LLC

Consumer Products

zeiss.com/nature



Seeing beyond

Printed in USA ■ 05/2025 ■ Carl Zeiss SBE, LLC is not responsible for typographical errors, and we make every effort to ensure the accuracy of the information at time of printing. Products and specifications are subject to change without notice. Please visit zeiss.com/consumer-products/us/nature-observation.html for the most up-to-date product information.