



ZEISS 2022 / 2023 Nature Catalog

www.zeiss.com/nature



Seeing beyond

NATURE OBSERVATION WITH ZEISS. NATURE UP CLOSE AND PERSONAL.

Observing birds in their natural environment is a wonderful passion. It allows us humans to reconnect with our primal connection to nature. The beauty of it is that we can observe nature from anywhere. Whether at home on our balcony or in a spot that remains virtually untouched by humans, whether native animals or exotic species – there is hardly any other activity in the great outdoors that is so accessible and so easy to do.

ZEISS binoculars and spotting scopes have an excellent reputation among nature lovers all over the world, because they transform impressive views of nature everywhere into a truly unique experience.

Enjoy your very own special moments with ZEISS – we wish you a delightful time observing and discovering.

Detailed information about our products can be found on our website at www.zeiss.com/nature





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Tailored to your needs – ZEISS always offers the ideal product for the highest personal standards and a variety of nature observation situations. Uncompromising design, ergonomics, and optics, yet simple and rugged in use – that is what ZEISS binoculars and spotting scopes are all about.

A DECISIVE CONTRIBUTION. OUR JOURNEY TO MORE SUSTAINABILITY.

Our mission is to provide nature lovers and birdwatchers with optics that turn special moments into unforgettable experiences. This is not the only reason why it is important to protect what has been observed as much as possible. The climate crisis creates major challenges for all of us and at the same time requires the commitment of every individual.

As a company owned by a foundation, sustainability and business success are inextricably linked at ZEISS. In the development and production of products we want to make a decisive contribution to achieve our global sustainability goals. Follow us on our journey to greater sustainability - from responsible resource use and sustainable product development to our numerous environmental and conservation initiatives.



Responsible use of resources

Water reduction in lens manufacturing.

Water is a valuable and essential resource for our planet. This makes it even more important for us to reduce consumption in lens production and to protect the resource with numerous initiatives. These include investing in new cooling systems, reusing wastewater from production for toilet flushing, or implementing ideas from our employees.

Energy saving initiatives.

With its own production sites in Germany and abroad, ZEISS is not only in control of manufacturing quality, but can also influence the sustainability of all processes itself. In addition, we are strengthening our sensitivity for the responsible use of resources with a wide variety of employee projects.



Sustainable Product Development

Saving energy by switching to 3D printing technology in tooling design.

To be able to manufacture a wide range of ZEISS products, various special tools are required in production and assembly. By switching to 3D printing processes to manufacture these tools in-house, not only highly energy-intensive aluminum can be replaced, but the processing and reduced transport routes also have a positive effect on the energy consumption.

Sustainable packaging for ZEISS products.

As part of our commitment to use sustainable and recycled materials, ZEISS has developed a new packaging concept. New products are now compactly packaged in standardized and fully recyclable cardboard boxes. However, ZEISS does not just focus on the recyclability of packaging, but already uses 100% recycled material from old PET bottles for product bags.



Sustainable Customer Service.

A durable and high-quality product is the most sustainable product. ZEISS products stand for precisely these characteristics and accompany customers for generations. Currently, during product development, ZEISS focuses on a sustainable product and service concept with extensive laboratory and field tests on durability, material use and reparability. With our in-house ZEISS Customer Service, we offer a range of services from maintenance and repair to numerous spare parts and are thus saving important materials and resources.



OUR ACTIVITIES.

PROTECTING WHAT WE LOVE.

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

We support numerous nature and bird conservation activities as well as education and research programs to protect endangered species and safeguard habitats. Together, we regularly achieve measurable, challenging progress in sustainability and conservation. Here is a selection of our projects.

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



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.

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.

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.

Donation of the prize for the Kruger Bird & Wildlife Challenge

Organized by BirdLife South Africa and our partner Rockjumper Birding Tours, the event was created to support conservation efforts for bird species in immediate danger of extinction. Funding is urgently needed for bird habitats and on-the-ground actions. ZEISS regularly donates the grand prize for this challenge.

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.

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.



Support for the Birdability Initiative

Birdability's mission is to introduce people with disabilities and other health problems to the birding experience. ZEISS has been one of this organization's partners since 2021, providing financial support as well as a variety of optical devices.

PROVEN IN THE LAB. TESTED IN THE GREAT OUTDOORS.



No holds barred: ZEISS quality not only holds its own in the lab, but also in the rugged wilderness.

For over 175 years, ZEISS has been developing premium optical devices that stand out for their optical clarity, technical innovations, and outstanding ergonomics.

But it isn't only this pursuit of perfection that makes ZEISS optical devices what they are. Binoculars and spotting scopes are not scientific instruments, but tools that must function at all times, even in the rugged outdoors. A material defect in your jacket or hiking boots that aren't waterproof are annoying.

But defective optical devices deprive you of what nature observation is really all about, namely experiencing impressive moments and scenarios as intimately as possible. That is why absolute reliability – even under the most adverse conditions – is our top priority.

Defy the elements.

Thanks to the best materials and uncompromising manufacturing quality, ZEISS can guarantee a level of reliability and ruggedness that is appreciated by nature lovers the world over.

If you want to experience the wonders of nature at any time and in any place, you have to brave inclement weather and difficult terrain again and again. If heavy rain sets in on a tour, there is usually only one thing to do: hang in there! The ability of your optical devices to withstand the rain should be the least of your worries at this point. When on tour in a maritime environment, it is equally impossible to avoid aggressive salt water or extreme temperature fluctuations upon going from a heated car or apartment into the cold winter air.



Right as rain: Laboratory tests prove that even heavy rain has no effect on our optical devices.



But it isn't only environmental factors that play a role. A fall in difficult terrain while holding your binoculars or a bumpy ride in the trunk of your car are two situations in which the ruggedness of your optical device plays a critical role.

Your ZEISS optical device is ready for anything.

This is why every ZEISS optical device is subjected to elaborate tests at our in-house ZEISS test lab to determine its durability and suitability for everyday use. The proven testing procedures push the devices to their limits. In this context, ZEISS utilizes special testing methods.

Whether it's simulating transport (continuous shock) or testing the product's waterproofness by submerging it in water, all of the tests simulate levels of stress that are many times higher than those found in nature. These rigorous testing procedures ensure that every device functions flawlessly, every time, and allow you to perfectly see what's important at the decisive moment – for years and decades to come.

BINOCULARS FROM ZEISS

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 that have continually pushed the boundaries of what is possible have continued 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.

Learn more about the unique advantages of our various binoculars, their areas of specialty, and their performance on the following pages.

Further information is available on our website at www.zeiss.com/nature/binoculars



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.

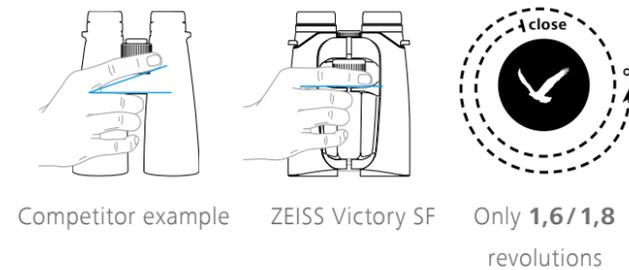


SMART FOCUS WITH SUPERIOR FIELD OF VIEW. VICTORY SF

With Victory SF binoculars from ZEISS, you can experience nature up close and observe the most impressive moments as naturally as never before.

ZEISS Victory SF binoculars are the most versatile premium binoculars in the 175-year history of ZEISS. Their optical perfection, impressive field of view, revolutionary ergonomics, and lightweight design make Victory SF binoculars extremely versatile for use in any conditions. In other words, they are an expression of everything that ZEISS stands for: unparalleled leading-edge optics.

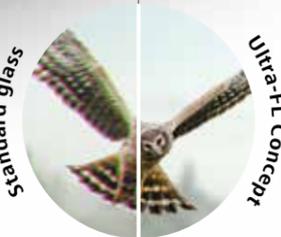
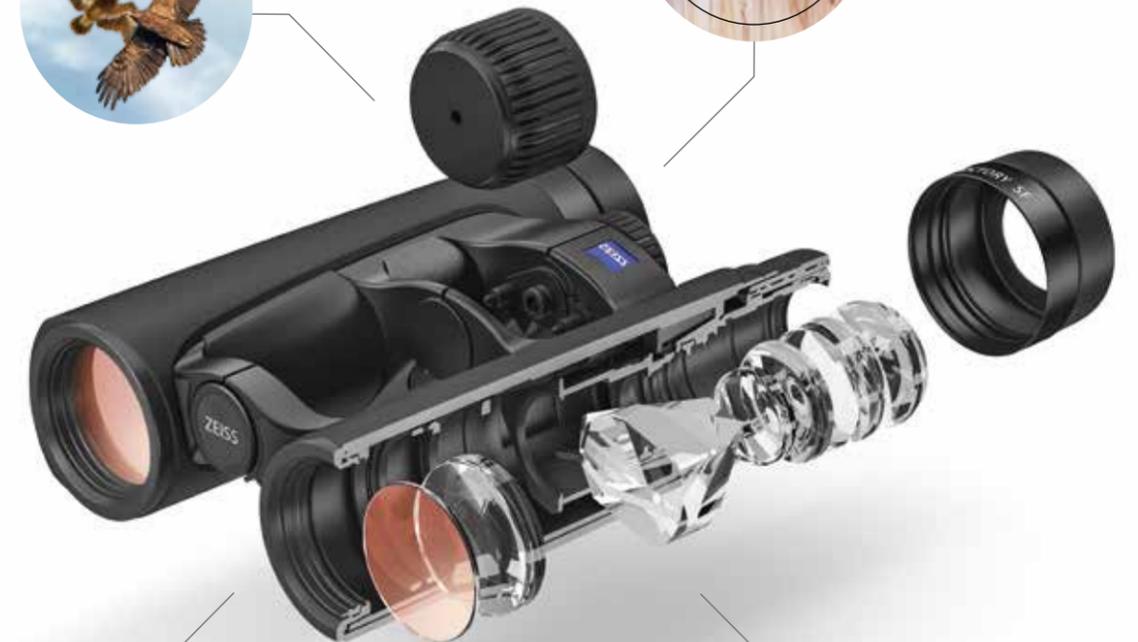
SmartFocus Concept



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.

Perfect 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.

Exceptional viewing experience

The UFL Concept combines selected premium lenses with high-quality fluoride glass into a system that delivers extremely lifelike images and vibrant details.



NATURE OBSERVATION MADE EASY. VICTORY SF 32.



See more than others.

- An extremely wide field of view enlarges the observable area by up to 20% and thus up to 155 meters at a distance of 1,000 meters.
- 90% light transmission.
- Vibrant details and lifelike images thanks to the UFL Concept.
- Compact design and ErgoBalance Concept for long and comfortable nature observation.
- Weighing just 600 grams, much lighter than other binoculars.



SF 8/10x32

The SF 32 models feature vibrant, true-to-life color rendering, an extended field of view, and an ergonomic design for longer, fatigue-free viewing.



IDEAL VISIBILITY INTO THE TWILIGHT HOURS. VICTORY SF 42.



SF 8/10x42

In addition to outstanding optical performance, the SF 42 model offers perfect ergonomics – the focusing wheel, which is perfectly positioned thanks to the SmartFocus Concept, enables fast and precise focusing.



The best for every situation.

- 92% light transmission.
- Vibrant details thanks to the UFL Concept.
- Exceptionally wide field of view of up to 148 meters at a distance of 1,000 meters.
- 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.
- Minimum object distance of 1.5 meters for exploring the smallest details.

VICTORY SF AND SFL.

DISCOVER **MORE** AND EXPERIENCE **LONGER**.

Superior field of view

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

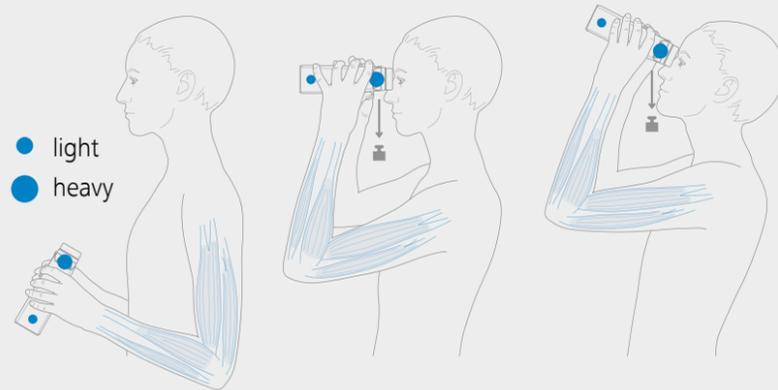


Increases the observable range by up to 20% compared to other binoculars



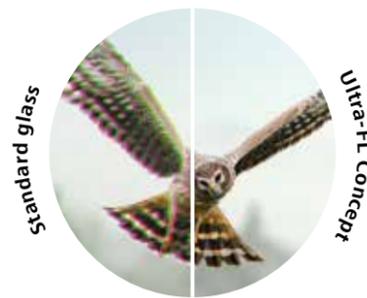
ErgoBalance Concept

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

Vibrant details and lifelike images thanks to a system of selected premium lenses and high-quality fluoride glass.

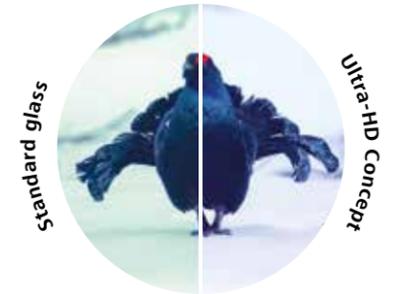


Standard glass

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	✓	—	✓	—	—	✓	✓	✓



SMART FOCUSING AND LIGHTWEIGHT. ZEISS SFL

The new ZEISS SFL binoculars make it possible to experience exciting moments with a new level of ease. Optimized for a light weight and compact size in every aspect and available in two different models, they perfectly complement the other binoculars in the ZEISS SF family.

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



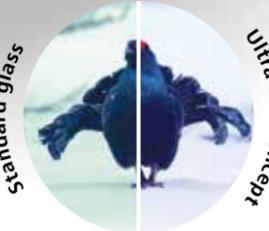
The reduced lens diameter and more compact arrangement of even thinner lens elements make the SFL models **up to 30% lighter** than comparable binoculars.

SmartFocus Concept

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



Up to 30% less weight 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.





FASCINATING AND RARE. THE BLACK GROUSE IN FOCUS.

At dawn in April and May, groups of male black grouse like to gather in meadows and bogs to perform their courtship display. Then, as the sun rises, they disappear into the treetops. Their distinctive calls can be heard from very far away.

But black grouse populations are steadily declining, particularly in Germany. As part of our SFL campaign, we would like to draw attention to this fascinating species and bring it back into the spotlight. See our blog for further details.



PRODUCT PROFILE



NATURE OBSERVATION HAS NEVER BEEN EASIER. ZEISS SFL 40.



22
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23



SFL 8 / 10 x 40

The perfect ergonomics of the SFL 40 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.



Carefree observation.

- 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.

COMPARISON OF VICTORY SF AND SFL.

	Main use		
	Outdoor/ recreational	Birding/ nature observation	Twilight/ night
<p>Light transmission</p> <p>Optical quality</p> <p>ZEISS Victory SF</p> <p>92% (SF 42) 90% (SF 32)</p> <p>UFL, HT, FF, T</p>		<p>SF 8×42</p> <p>SF 10×42</p> <p>SF 8×32</p> <p>SF 10×32</p>	
<p>ZEISS SFL</p> <p>90%</p> <p>UHD, FF, T</p>		<p>SFL 8×40</p> <p>SFL 10×40</p>	
<p>ZEISS Victory HT</p> <p>95%</p> <p>HT, FL, T</p>			<p>HT 8×54</p> <p>HT 10×54</p>
<p>ZEISS Victory Pocket</p> <p>91%</p> <p>FL, T</p>	<p>Pocket 8×25</p> <p>Pocket 10×25</p>		
<p>ZEISS Conquest HD</p> <p>90%</p> <p>HD, T</p>	<p>HD 8×32</p> <p>HD 10×32</p>	<p>HD 8×42</p> <p>HD 10×42</p> <p>HD 8×56</p> <p>HD 10×56</p> <p>HD 15×56</p>	
<p>ZEISS Terra ED/Pocket</p> <p>88%</p> <p>ED, T*</p>	<p>ED 8×42</p> <p>ED 10×42</p> <p>ED 8×32</p> <p>ED 10×32</p> <p>Pocket 8×25</p> <p>Pocket 10×25</p>		

*Hydrophobic and antireflective coating.

TECHNICAL SPECIFICATIONS.

Victory binoculars Model	SF				SFL	
	8×32	10×32	8×42	10×42	8×40	10×40
Light transmission	90%		92%		90%	
Magnification	8×	10×	8×	10×	8×	10×
Lens diameter	32 mm		42 mm		40 mm	
Exit pupil diameter	4 mm	3.2 mm	5.3 mm	4.2 mm	5 mm	4 mm
Twilight factor	16	17.9	18.3	20.5	17.9	20
Field of view (1,000 m)	155 m	130 m	148 m	120 m	140 m	115 m
Angular field of view, real	67°	69°	64°		60°	62°
MOD	1.95 m		1.5 m		1.5 m	
Diopter adjustment range	+/-4 D				+/-4 D	
Exit pupil distance	19 mm		18 mm		18 mm	
Interpupillary distance	54–76 mm		55–76 mm		52–74 mm	
Lens type	UFL		UFL		UHD	
Prism system	Schmidt-Pechan		Schmidt-Pechan		Schmidt-Pechan	
Coating	LotuTec®				LotuTec®	
Nitrogen filling	Yes				Yes	
Watertightness	400 mbar				400 mbar	
Operating temperature	-30 °C/+63 °C				-20 °C/+55 °C	
Length	152 mm	150 mm	173 mm		144 mm	
Width at an interpupillary distance of 65 mm	112 mm		125 mm		114 mm	
Weight	600 g	590 g	790 g		640 g	
Order no.	52 32 24	52 32 25	52 42 23	52 42 24	52 40 23	52 40 24

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

ACCESSORIES



Air Cell Comfort Straps

The carrying strap makes carrying binoculars with a lens diameter of 30 mm or more much more comfortable. The enclosed air cushions increase carrying comfort. Quick-release fasteners allow you to quickly attach and detach the carrying strap. The length of the strap is fully adjustable.



Comfort Cross Straps

The cross straps made of high-quality materials reduce neck strain and distribute the weight of the binoculars across the upper body. The binoculars remain steady and do not swing in different directions when you are moving. The binoculars can be easily locked in place and are very comfortable to carry at the same time.



MAXIMUM TRANSMISSION AND MAGNIFICATION. VICTORY HT

Nature doesn't lose any of its allure simply because the sun goes down. In fact, there are still plenty of fascinating things to discover as dusk falls – provided you have the right equipment. ZEISS developed the Victory HT models precisely for this purpose.

Thanks to a revolutionary optical concept, Victory HT premium binoculars stand out with light transmission of 95% and more. An unparalleled value that is achieved through the perfect combination of SCHOTT HT lenses, ZEISS T* multicoating, and the Abbe-König prism system for maximum brightness. This allows you to observe significantly longer on your tours – even in the deepest twilight.

HT Concept

HT



Standard glass



SCHOTT HT GLASS

High-transmission SCHOTT lenses for optimal visibility in twilight and at night.

Design based on tradition

The elegant design marks the continuation of the DIALYT design – timeless and functional.

Form follows intuition

Maximum precision when focusing thanks to the ComfortFocus concept. The conspicuously large focusing wheel and the deliberately long gear ratio make it possible to focus extremely precisely – even when wearing gloves.



Extremely durable

The use of extremely solid, super-light magnesium guarantees maximum service life.

Light in the darkness

The combination of SCHOTT HT glass, ZEISS T* multicoating, and the Abbe-König prism system results in light transmission of 95% and more.



FOR TWILIGHT AND AT NIGHT. VICTORY HT.



95%
Light transmission

HT FL T₀

Designed for twilight.

- High-transmission SCHOTT glass achieves a light transmission rate of 95 % and offers optimum visibility in low light conditions.
- FL glass produces natural colors, thereby enhancing imaging performance.
- Thanks to the large focusing wheel, the ComfortFocus Concept maximizes focusing precision, even when wearing gloves.
- Low weight and a modern design for unparalleled ergonomics.



ZEISS IN THE FIELD



HT 8/10×54

The HT 54 models are among the best performing binoculars from ZEISS for observation during twilight and at night. Thanks to a light transmission value of 95 %, maximum performance in low light is guaranteed. In addition, the 8×54 stands out due to its outstanding ergonomics and large exit pupil.

HT FL T₀



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.

COMPARISON OF VICTORY HT MODELS.



	Main use		
	Outdoor/ recreational	Birding/ nature observation	Twilight/ night
Light transmission Optical quality 			
ZEISS Victory SF SF 42 SF 32 UFL, HT, FF, T ⁺		SF 8×42 SF 10×42 SF 8×32 SF 10×32	
ZEISS SFL UHD, FF, T ⁺		SFL 8×40 SFL 10×40	
ZEISS Victory HT HT, FL, T ⁺			HT 8×54 HT 10×54
ZEISS Victory Pocket FL, T ⁺		Pocket 8×25 Pocket 10×25	
ZEISS Conquest HD HD, T ⁺		HD 8×42 HD 10×42 HD 8×32 HD 10×32	HD 8×56 HD 10×56 HD 15×56
ZEISS Terra ED/Pocket ED, T ⁺		ED 8×42 ED 10×42 ED 8×32 ED 10×32 Pocket 8×25 Pocket 10×25	

*Hydrophobic and antireflective coating.

TECHNICAL SPECIFICATIONS.

Victory binoculars Model	HT	
	8×54	10×54
Light transmission	95%	
Magnification	8×	10×
Lens diameter	54 mm	
Exit pupil diameter	6.7 mm	5.4 mm
Twilight factor	20.7	23.2
Field of view (1,000 m)	130 m	110 m
Angular field of view	60°	63°
Close focusing distance	3.5 m	
Diopter adjustment range	+/-3 D	
Exit pupil distance	16 mm	
Interpupillary distance	58–76 mm	
Lens type	FL / HT type	
Prism system	Abbe-König	
LotuTec® / nitrogen filling	Yes/Yes	
Watertightness	500 mbar	
Operating temperature	-30/+63 °C	
Length	193 mm	
Width at an interpupillary distance of 65 mm	142 mm	
Weight	1,035 g	1,050 g
Order no.	52 56 28	52 56 29

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

ACCESSORIES



Air cell comfort straps

The carrying strap makes carrying binoculars with a lens diameter of 30 mm or more much more comfortable. The enclosed air cushions increase carrying comfort. Quick-release fasteners allow you to quickly attach and detach the carrying strap. The length of the strap is fully adjustable.



Comfort cross straps

The cross straps made of high-quality materials reduce neck strain and distribute the weight of the binoculars across the upper body. The binoculars remain steady and do not swing in different directions when you are moving. The binoculars can be easily locked in place and are very comfortable to carry at the same time.



A POCKET-SIZED PREMIUM OPTICAL DEVICE.

VICTORY POCKET

Whether walking in the nearby forest or on a long hiking tour, there is always something interesting to observe outdoors. That's why it's also a good idea to always have a pair of binoculars in your pocket. ZEISS Victory Pocket binoculars are the perfect companions in these situations.

The Victory Pocket is a featherweight, versatile pair of pocket-sized, high-performance binoculars from ZEISS for almost any observation situation. Thanks to the binoculars' compact and lightweight format, they even fit into smaller pockets and are hardly noticeable thanks to their light weight.

With high magnification at an amazingly low weight and FL lenses with ZEISS T* multicoating, the Victory Pocket models deliver impressively clear views. Asymmetrical folding makes them particularly compact and the LotuTec® coating ensures that water beads off and dirt can be removed easily.



Pocket 8/10 × 25

Field-tested high-performance binoculars for virtually any observing situation. Due to the binoculars' compact size and light weight, they can even be carried comfortably in smaller jacket pockets.



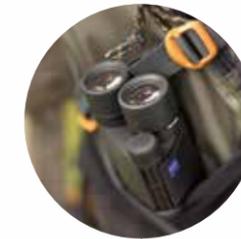
PRODUCT PROFILE

PERFECT FOR WHEN ON THE GO.



Compact folding

Asymmetrical bridge for quick adjustment, perfect stability, and compact storage.



Rugged design

Thanks to its modern and rugged design, the Victory Pocket can be taken anywhere and handles many situations.

Vibrant

Large field of view, FL glass, and T* multicoating for vibrant and high-contrast images.



COMPARISON OF VICTORY POCKET MODELS.

		Main use		
		Outdoor/ recreational	Birding/ nature observation	Twilight/ night
Light transmission Optical quality 	 92% SF 42 90% SF 32		SF 8×42 SF 10×42 SF 8×32 SF 10×32	
ZEISS SFL 90%	 UFL HT FF 		SFL 8×40 SFL 10×40	
ZEISS Victory HT 95%	 HT FL 		HT 8×54 HT 10×54	
ZEISS Victory Pocket 91%	 FL 	Pocket 8×25 Pocket 10×25		
ZEISS Conquest HD 90%	 HD 		HD 8×56 HD 10×56 HD 15×56 HD 8×42 HD 10×42 HD 8×32 HD 10×32	
ZEISS Terra ED/Pocket 88%	 ED 		ED 8×42 ED 10×42 ED 8×32 ED 10×32 Pocket 8×25 Pocket 10×25	

*Hydrophobic and antireflective coating.

TECHNICAL SPECIFICATIONS.

Victory Pocket binoculars	Pocket	
	8×25	10×25
Model		
Light transmission	91 %	
Magnification	8×	10×
Lens diameter	25 mm	25 mm
Exit pupil diameter	3.1 mm	2.5 mm
Twilight factor	14.1	15.8
Field of view (1,000 m)	130 m	105 m
Angular field of view	60°	
Close focusing distance	1.9 m	
Diopter adjustment range	±3 D	
Exit pupil distance	16.5 mm	
Interpupillary distance	34–74 mm	
Lens type	FL	
Prism system	Schmidt-Pechan	
LotuTec® / nitrogen filling	Yes/Yes	
Watertightness	100 mbar	
Operating temperature	–25 / +63 °C	
Length	112 mm	
Width at an interpupillary distance of 65 mm	100 mm	
Weight	290 g	
Order no.	52 20 38	52 20 39

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

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.

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.





AN ALL-AROUND TALENT IN HIGH DEFINITION. CONQUEST HD

The balanced Conquest HD binoculars offer excellent performance for demanding nature enthusiasts.

Thanks to its compact dimensions, light weight, and modern, rugged design, the Conquest HD makes comfortable nature observation possible in almost any conditions. Uncompromising design, ergonomics, and optical quality at an incredibly attractive price.

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.

Rugged design

Compact dimensions, low weight, and rugged body design ensure the binoculars are ready for use in all conditions.



Optimized control elements

The slightly slanted eyecups fit perfectly and thus enhance ergonomics and viewing comfort.



High-contrast and vibrant

T* multicoating for vibrant and high-contrast images.

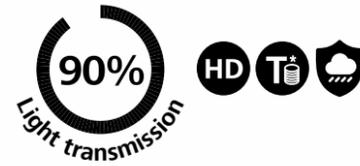


Nature in HD

High-resolution images and fine sharpness – experience optical devices that set standards thanks to the use of high-definition glass.



IMPRESSIVE DOWN TO THE SMALLEST DETAIL. CONQUEST HD.



Conquer the outdoors in high definition.

- High-resolution images and fine sharpness thanks to high-definition glass.
- Compact dimensions, low weight, and modern design for unparalleled ergonomics.
- High light transmission values for impressive observations in twilight.
- Simple, intuitive operation.



HD 8/10×32

The compact design and low weight make the Conquest HD 8/10×32 a comfortably portable yet powerful companion with an extra-wide field of view thanks to the HD lens system.



HD 8/10×42

Made in Germany with extremely high standards of quality. Ideal for users looking for sharp, natural color rendering and outstanding quality at close range.



ZEISS IN THE FIELD



HD 8/10/15×56

This version is a specialist for difficult lighting conditions and stands out with sharp, high-contrast views. A tripod adapter is included with the 15×56.



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.

COMPARISON OF CONQUEST HD MODELS.



	Main use		
	Outdoor/ recreational	Birding/ nature observation	Twilight/ night
Light transmission Optical quality 			
ZEISS Victory SF SF 42 SF 32 UFL, HT, FF, T icons		SF 8×42 SF 10×42 SF 8×32 SF 10×32	
ZEISS SFL UHD, FF, T icons	SFL 8×40 SFL 10×40		
ZEISS Victory HT HT, FL, T icons			HT 8×54 HT 10×54
ZEISS Victory Pocket FL, T icons	Pocket 8×25 Pocket 10×25		
ZEISS Conquest HD HD, T icons	HD 8×32 HD 10×32	HD 8×42 HD 10×42	HD 8×56 HD 10×56 HD 15×56
ZEISS Terra ED/Pocket ED, T icons	ED 8×42 ED 10×42 ED 8×32 ED 10×32 Pocket 8×25 Pocket 10×25		

*Hydrophobic and antireflective coating.

TECHNICAL SPECIFICATIONS.

Conquest binoculars Model	HD						
	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 (1,000 m)	140 m	118 m	128 m	115 m	125 m	115 m	80 m
Angular field of view	64°	68°	59°	66°	57°	66°	69°
Close focusing distance	1.5 m		2 m		3.5 m		
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	-20/+63 °C		-20/+63 °C		-20/+63 °C		
Length	132 mm		150 mm		210 mm		
Width at an interpupillary distance of 65 mm	118 mm		120 mm		145 mm		
Weight	630 g	630 g	795 g	795 g	1,265 g	1,275 g	1,295 g
Order no.	52 32 11	52 32 12	52 42 11	52 42 12	52 56 31	52 56 32	52 56 33

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

ACCESSORIES



Air cell comfort straps

The carrying strap makes carrying binoculars with a lens diameter of 30 mm or more much more comfortable. The enclosed air cushions increase carrying comfort. Quick-release fasteners allow you to quickly attach and detach the carrying strap. The length of the strap is fully adjustable.



Comfort cross straps

The cross straps made of high-quality materials reduce neck strain and distribute the weight of the binoculars across the upper body. The binoculars remain steady and do not swing in different directions when you are moving. The binoculars can be easily locked in place and are very comfortable to carry at the same time.



FOR DEMANDING **ENTHUSIASTS.**
TERRA ED

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



COMPACT ZEISS QUALITY. TERRA ED.



Perfect for when 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 8/10×25

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.



ED 8/10×32

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



ED 8/10×42

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



COMPARISON OF TERRA ED MODELS.



	Main use		
	Outdoor/ recreational	Birding/ nature observation	Twilight/ night
ZEISS Victory SF Light transmission: 92% (SF 42), 90% (SF 32) Optical quality: UFL, HT, FF, T ⁺		SF 8×42 SF 10×42 SF 8×32 SF 10×32	
ZEISS SFL Light transmission: 90% Optical quality: UHD, FF, T ⁺		SFL 8×40 SFL 10×40	
ZEISS Victory HT Light transmission: 95% Optical quality: HT, FL, T ⁺			HT 8×54 HT 10×54
ZEISS Victory Pocket Light transmission: 91% Optical quality: FL, T ⁺	Pocket 8×25 Pocket 10×25		
ZEISS Conquest HD Light transmission: 90% Optical quality: HD, T ⁺	HD 8×32 HD 10×32	HD 8×42 HD 10×42	HD 8×56 HD 10×56 HD 15×56
ZEISS Terra ED/Pocket Light transmission: 88% Optical quality: ED, T ⁺	ED 8×42 ED 10×42 ED 8×32 ED 10×32 Pocket 8×25 Pocket 10×25		

*Hydrophobic and antireflective coating.

TECHNICAL SPECIFICATIONS.

Terra binoculars Model	ED					
	8×25		10×25		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 (1,000 m)	119 m	97 m	135 m	112 m	125 m	110 m
Angular field of view	52°	54°	61°	61°	56°	60°
Close focusing distance	1,9 m		1,6 m		1,6 m	
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	–20/+63 °C		–15/+60 °C		–15/+60 °C	
Length	111 mm		125 mm		142 mm	
Width at an interpupillary distance of 65 mm	115 mm		117 mm		120 mm	
Weight	310 g		510 g		725 g	
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 00	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

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

ACCESSORIES



Air cell comfort straps

The carrying strap makes carrying binoculars with a lens diameter of 30 mm or more much more comfortable. The enclosed air cushions increase carrying comfort. Quick-release fasteners allow you to quickly attach and detach the carrying strap. The length of the strap is fully adjustable.



Comfort cross straps

The cross straps made of high-quality materials reduce neck strain and distribute the weight of the binoculars across the upper body. The binoculars remain steady and do not swing in different directions when you are moving. The binoculars can be easily locked in place and are very comfortable to carry at the same time.

SPOTTING SCOPES FROM ZEISS

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 humans succeed in getting closer to nature 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.

The following pages contain detailed information about the advantages and technical features of ZEISS spotting scopes.

Further information is available on our website at www.zeiss.com/nature/spottingscopes



Spotting scopes 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:

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

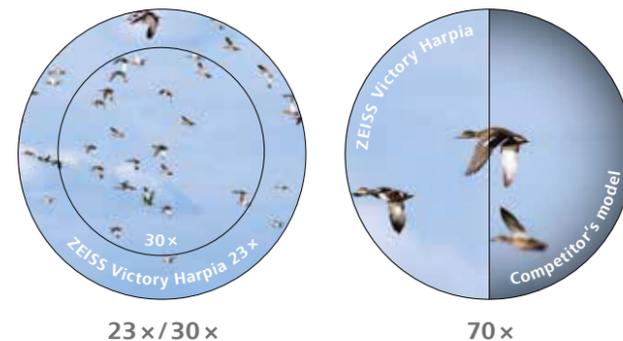
The great outdoors are already truly fascinating when observed with the naked eye. But viewing nature through a Victory Harpia transforms it into an entirely new experience.

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 command 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).

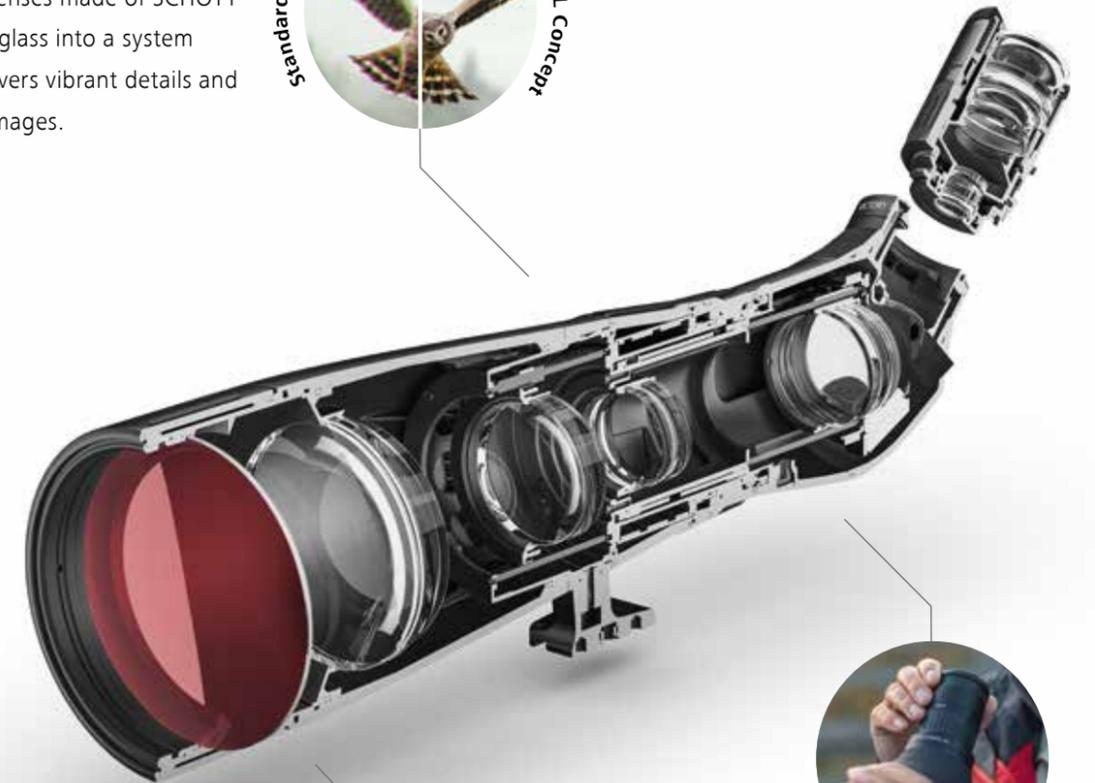
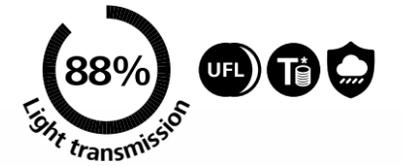
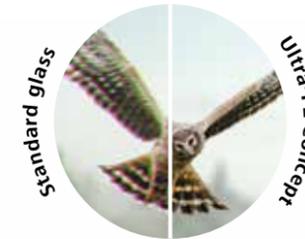
PRODUCT PROFILE

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.



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.



ACCESSORIES



Professional tripod

The ZEISS Professional tripod meets the highest standards in terms of compatibility and load-bearing capacity and offers particularly smooth panning. It is particularly suitable for our Victory products and for digiscoping.



Long balance plate

Our long balance plate is the ideal solution to perfectly balance your spotting scope, especially when digiscoping (only for available for the Professional tripod).

TECHNICAL SPECIFICATIONS.

Victory spotting scopes	Harpia	
	85	95
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
Minimum object distance	3.5 m	4.5 m
Length × width × height	121 × 103 × 384 mm	124 × 109 × 408 mm
Weight without eyepiece	1,934 g	2,078 g
Watertightness	400 mbar	
Nitrogen filling	Yes	
Order no.	52 80 47	52 80 57

	Eyepiece	
	22–65 ×	23–70 ×
Magnification	22–65 ×	23–70 ×
Focal length	7.48 mm	
Field of view (1,000 m)	63.2–21 m	58.8–19.5 m
Zoom factor	3×	
Exit pupil diameter	2.50–1.31 mm	2.50–1.34 mm
Diameter	53 mm	
Length	71 mm	
Weight	220 g	
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

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

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.



Carrying case for Victory Harpia

The pouch provides reliable protection against moisture and the elements, 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.



ON THE ROAD WITH EXPLORERS. 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 with 85 mm objective lens diameter 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 scope's minimum object 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.

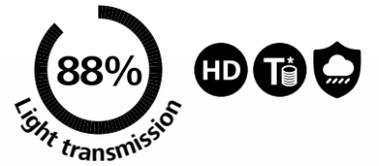
PRODUCT PROFILE

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 make the Conquest Gavia an excellent travel spotting scope.



Minimal MOD

The spotting scope's minimum object distance of only 3.3 meters 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* multiccoating delivers vibrant, high-contrast images.



TECHNICAL SPECIFICATIONS.

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.



Gavia 85

The spotting scope with 85 mm objective lens diameter 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 scope's minimum object distance is truly unique in this class, making it easy to view even the smallest objects.



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 (1,000 m)	33–23 m
Close focusing distance	3.3 m
Lens type	HD
LotuTec® / nitrogen filling	Yes / Yes
Watertightness	400 mbar
Lens thread	M86 × 1
Length	396 mm
Weight (incl. eyepiece)	Approx. 1,700 g
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

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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.

ACCESSORIES



Carrying case for Conquest Gavia

Specially designed for the Conquest Gavia, the pouch protects the spotting scope from external influences such as moisture and dirt. In addition, optimized carrying comfort, being able to quickly use the spotting scope, and the ability to secure the eyepiece and lens cap make the bag an indispensable piece of equipment.

1.25" astro adapter

For connecting standard telescope eyepieces to the spotting scope.



ZEISS photo adapter

Whether for photography or videography, the photo adapter (M49, M52, M58) allows you to connect a digital camera directly to the Conquest Gavia 85, turning the spotting scope into a powerful telephoto lens.





Tips for capturing the perfect shot:

Attach the spotting scope firmly to your camera using a ZEISS photo adapter. This is attached to the filter thread of the lens and slipped over the spotting scope eyepiece.

A locking screw keeps this setup in place. Set up the spotting scope with the camera so it doesn't wobble, preferably with the help of a tripod.

Please note that you will achieve the best results if you use a prime lens with a low profile and focal length.



58
..
59

DIGISCOPING

CAPTURE THE PERFECT MOMENT.

Some outdoor experiences are so perfect that you want to capture them forever, so you can always refresh your memories and share them with others. Digiscoping technology for compact and system cameras makes this possible.

The spotting scope is set up, the light perfect. And suddenly the northern bald ibis appears in the wild as if in a painting. It pauses for a moment and looks in the direction of the observer – as if it were looking directly into the spotting scope. A moment so pure that you don't want to let it pass. With digiscoping products from ZEISS, you can capture such moments with compact and system cameras.

Digiscoping technology allows the extremely detailed and vivid views from ZEISS spotting scopes to be captured with a securely mounted camera. This allows you to take full advantage of the extremely long focal length and high magnification. The Gavia and Harpia spotting scopes' high-resolution systems featuring fluoride glass offer you the perfect conditions for creating clear, crisp images.



A harpy (Harpia harpyja) in the wild.

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

OTHER ZEISS OPTICAL DEVICES. AN OVERVIEW.



ZEISS Mono

The 3×12 is a powerful miniature telescope with 3× magnification. It transforms Victory* and Conquest binoculars with a 30 mm lens or larger into a powerful spotting scope in the blink of an eye. Simply attach it to the eyepiece with an adapter ring. Can be used separately as a magnifying glass at close range.

* Cannot be used with Victory SF models.



ZEISS Mono

For detailed observation at sporting events, the theater or outdoors over long distances – the Monos with ZEISS T* multicoating stand out for their bright, clear view and, depending on the model, can also be used as magnifying glasses.



20×60 S

Exceptional binoculars designed for the longest distances and even used on the International Space Station (ISS). The bright Porro prism system produces extremely sharp images with outstanding detail resolution, even at 20× magnification. The technologically unrivaled mechanical image stabilization that allows you to simply “turn off” the unavoidable shaking that occurs during hand-held observation is what makes the 20×60 T* S perfect.



Striolated bunting (*Emberiza striolata*)

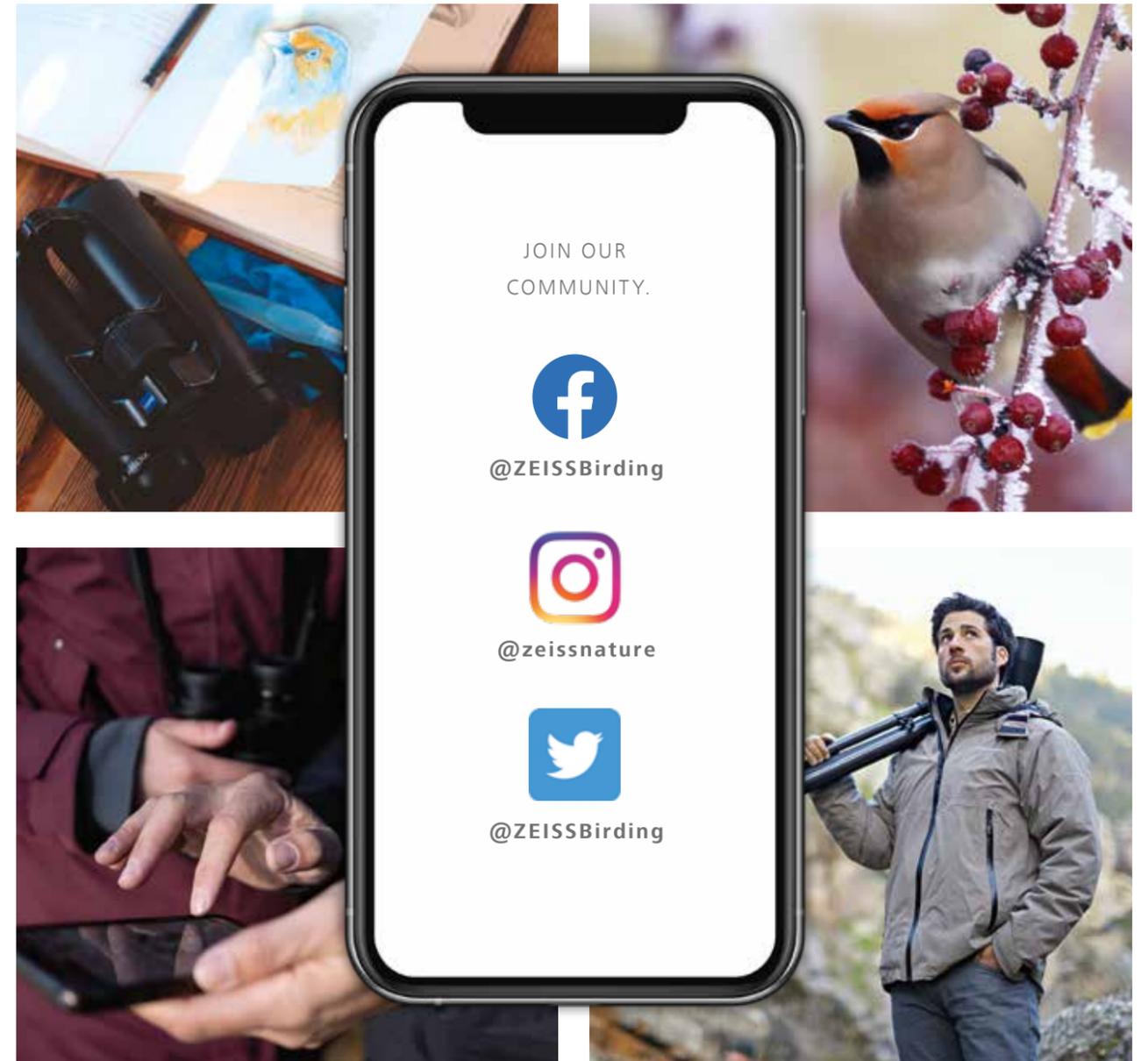
The technical specifications for these products can be found starting on page 66.



TRAVEL THE WORLD FROM THE COMFORT OF YOUR OWN HOME.

Pack your virtual backpack and travel with us and the ZEISS Nature Community to the most interesting topical hotspots for nature lovers and birdwatchers.

Whether information about our products or interesting facts about bird species far away or outside your window at home. Whether artistic views of nature or the multifaceted and important topic of wildlife conservation – you will find a wide variety of reports and news from the colorful world of nature and bird watching on our social media profiles.



FOCUSING ON THE ESSENTIALS.

		Benefits		Main use			
Light transmission	Optical quality	Magnification	Ergonomics/technology	Field of view (1,000m)	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 120 m 155 m 130 m	 SF 8 × 42 SF 10 × 42 SF 8 × 32 SF 10 × 32	
ZEISS SFL 		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.	140 m 115 m	 SFL 8 × 40 SFL 10 × 40	
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 8 × 54 HT 10 × 54	
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 8 × 25 Pocket 10 × 25	
ZEISS Conquest HD 		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	 HD 8 × 56 HD 10 × 56 HD 15 × 56 HD 8 × 42 HD 10 × 42 HD 8 × 32 HD 10 × 32	
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 8 × 42 ED 10 × 42 ED 8 × 32 ED 10 × 32 Pocket 8 × 25 Pocket 10 × 25	

*Hydrophobic and antireflective coating.

- 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.

INCREASES PERFORMANCE. ZEISS ACCESSORIES.

Tripod Adapter

Binofix universal tripod mount
for all binocular models



Order no.

52 83 87

¼" tripod adapter for Conquest HD
(included with the HD 15×56)

52 83 88

Magnification Attachment

Mono 3×12
incl. carrying strap and leather pouch;
triples normal binocular magnification



Order no.

52 20 12

Adapter for Magnification Attachment

for Victory FL/RF/HT (not SF) and Conquest HD 32 and 42
for Conquest HD 56 & Victory RF



Order no.

52 83 77

52 83 79

Accessories for Victory NV 5.6×62

SLR camera adapter
1" flashlight mount
Mini Maglite adapter



Order no.

52 30 06-9007

52 30 06-9006

52 30 06-9008

Cordura Pouches

for Victory SF 32/SFL 40 (pictured)
for Victory HT 54
for Conquest HD 32/Terra ED 32 (pictured)



Order no.

2238-133

2074-447

52 90 35

for Conquest HD 42/Terra ED 42 (pictured)
for Conquest HD 56



1976-008

1379-711

Pouches

Victory SF 42/RF 42 (pictured)
Victory RF 54
Victory Pocket
Terra ED Pocket



Order no.

2060-069

2214-573

2165-340

2197-806

Terra ED 32 (pictured)
Terra ED 42 (pictured)
Leather pouch for 20×60 S



2196-165

2196-167

52 90 83

Carrying strap

Air Cell Comfort straps



Order no.

52 91 13

Comfort Cross straps for binoculars



52 91 15

TECHNICAL SPECIFICATIONS.

Victory Model	Monos					
	3 × 12	4 × 12	6 × 18	8 × 20	10 × 25	MiniQuick® 5 × 10
Magnification	3 ×	4 ×	6 ×	8 ×	10 ×	5 ×
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 (1,000 m)	220 m	180 m	120 m	110 m	88 m	100 m
Angular field of view	38°	41°		51°		29°
Close focusing distance	0.2 m	0.25 m	0.3 m	3 m	4.5 m	4 m
Diopter adjustment range	± 4 D					
Exit pupil distance	12 mm	15 mm				16.5 mm
Lens type	Achromatic					
Prism system	Schmidt-Pechan					–
Waterproof	Splash-proof					
Operating temperature	-20 / +40 °C					
Height × width	58 mm	70 mm	94 mm	101 mm	119 mm	113 mm
Weight	54 g	45 g	58 g	67 g	77 g	23 g
Order no.	52 20 12	52 20 50	52 20 51	52 20 52	52 20 53	52 20 10

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

Model	Binoculars with image stabilization
	20 × 60 S
Magnification	20 ×
Lens diameter	60 mm
Exit pupil diameter	3 mm
Twilight factor	34.6
Field of view (1,000 m)	52 m
Angular field of view, real	60° wide angle
MOD	14 m
Diopter adjustment range	± 7 D
Exit pupil distance	13 mm
Interpupillary distance	57 – 73 mm
Lens type	Achromatic
Prism system	Porro
Waterproof	Splash-proof
Operating temperature	-20 / +40 °C
Height × width	275 × 161 mm
Weight	1,660 g
Order no.	52 60 00

Includes neoprene carrying strap, eyepiece cap, and aluminum case.
Subject to changes in design and scope of delivery as a result of ongoing technical development.

TECHNICAL SPECIFICATIONS.

Model	Tripod	Long Balance Plate
	Professional	
Material	Carbon	for the Professional model
Length when closed	Approx. 700 mm	
Length when open	Approx. 1,820 mm	
Weight	Approx. 2,460 g	
Order no.	21 69-972	21 69-974

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

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



Great gray shrike (*Lanius excubitor*)

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