

ZEISS Hunting Catalogue 2018





VICTORY





The ultimate: Victory® line hunting optics from ZEISS fulfil the highest personal expectations and hunting needs. In terms of technology, they exhaust the limits of the physically possible. Their concepts and details of their design promise unforgettable moments. An investment for hunters who do not like to compromise.

CONQUEST

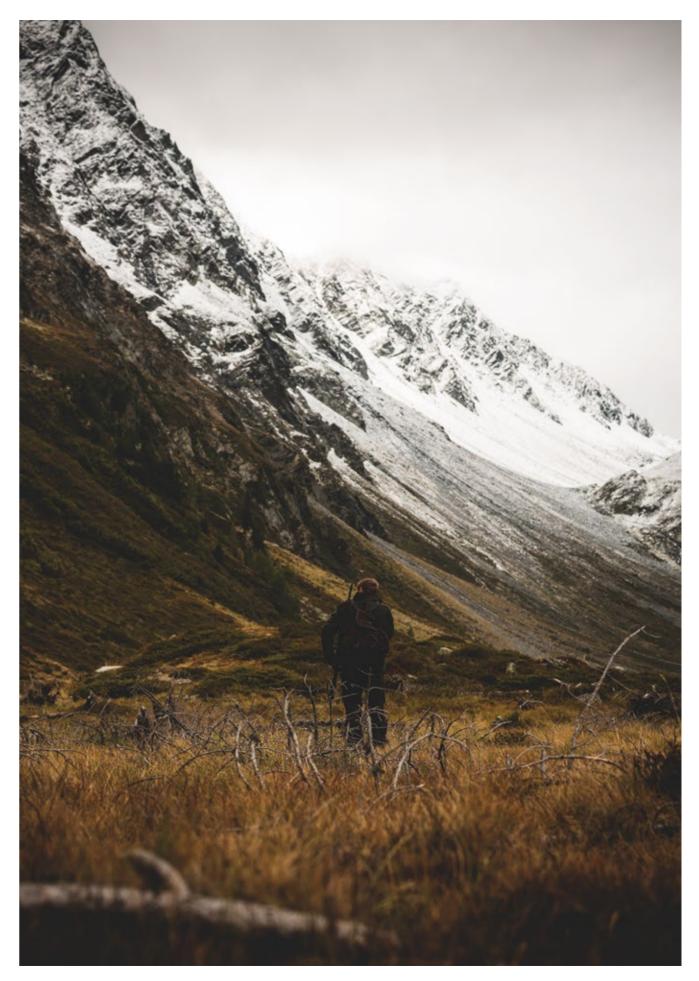


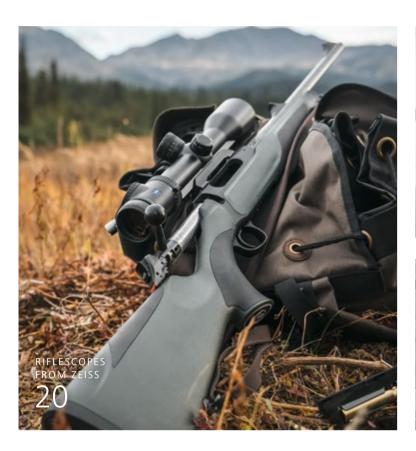
Uncompromising in all aspects of design, ergonomics and optical excellence, yet outstanding value for money. Never before has more performance been offered in this price class than with Conquest® riflescopes and binoculars from ZEISS. These perfect all-rounders unite traditional ZEISS quality with state-of-the-art technology. Conquest products offer you entry-level access to the premium class of ZEISS.

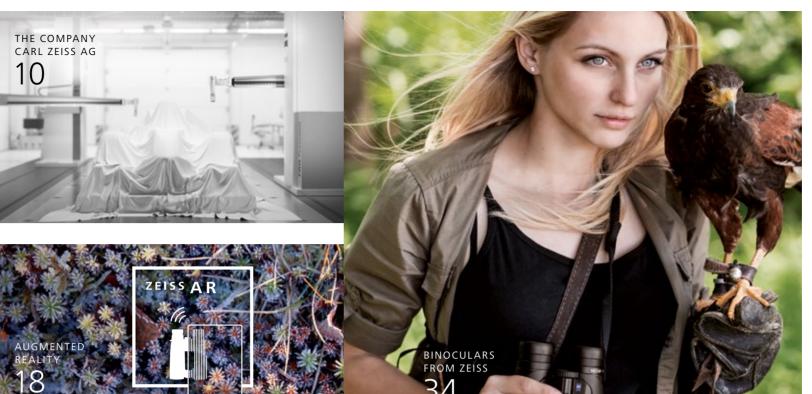
TERRA



Experience ZEISS quality in a form reduced to the essentials: simple handling, robust construction and functional design make the binoculars from the Terra® line the perfect entry-level optics for discovering the world of ZEISS. You realise your ambitions; ZEISS provides the tools.









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NEWS

ZEISS CONOUEST V4

MADE FOR THE MOST RUGGED HUNTING SITUATIONS

No compromises in quality and robustness: the high-performance riflescopes of the Conquest V4 line unite the proven ZEISS optical concept with robust construction and functional design.



Featuring a $4 \times$ zoom range and a ballistic turret, these scopes set a new standard in their class. More information can be found on page 32.

ZEISS VICTORY HARPIA

THE PATHFINDER IN ITS CLASS

Discover the worlds of nature and wildlife in crisp, sharp images with perfect colour rendition, even at extreme ranges. The highlights of the Victory Harpia, the new top-of-the-range spotting scope from ZEISS, include a 3× wide-angle zoom, up to 70× magnification and other features such as Dual Speed Focus for fast and precise focusing.

More information can be found on page 56.

ZEISS VICTORY RANGEFINDER SYSTEM



A NEW LEVEL OF SHOOTING ACCURACY

The Victory Rangefinder System is a laser rangefinder with an integrated real-time ballistics computer.

The consideration of all relevant factors and customisation with the aid of the ZEISS Hunting App ensure precisely placed shots at any distance. More information can be found on page 38.

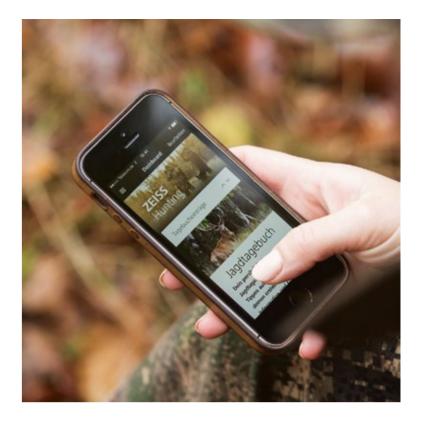


THE ZEISS HUNTING APP

THE APP FOR TODAY'S HUNTERS

The versatile hunting companion

The versatile functions of the ZEISS Hunting App have already established it as an invaluable hunting companion. The revised version is compatible with the ZEISS Victory Rangefinder System and allows the transfer of a wide range of data stored in the ballistics computer to the Victory Rangefinder. Thanks to the addition of its information on distance, angle and environmental factors, hunters achieve an entirely new quality of aiming accuracy. More information can be found on page 38.



Dashboard

Overview of the main topics and direct navigation to functions.



Ballistics

Precisely calculated data for ensuring shots in compliance with the rules of good huntsmanship. For this, a comprehensive database provides more than 5,000 entries with data on manufacturers, calibres and projectiles.



Hunting diary

A multitude of parameters can be entered and saved to document the details of a hunt – including photographs and GPS data.



Weather information

Hunting-relevant weather forecast with information relating to the current location and preferred hunting grounds.



Connected Products

Connect and configure your Rangefinder via Bluetooth. Synchronize your personal ballistic profiles from the app with the Rangefinder for precise calculations.



My Equipment

Clear compilation of your hunting equipment.
Important product information always at your fingertips.



THE ZEISS HUNTING APP



Available free-of-charge

Downloadable from the
Apple Store or Google Play
Store. Further information
about the versatile functions
of the app can be found at:

www.zeiss.com/ hunting-app







CARL ZEISS (1816 – 1888) 200TH BIRTHDAY



'DID YOU KNOW THAT ...'



RESEARCH & QUALITY TECHNOLOGY

ZEISS makes the almost invisible visible?

In collaboration with scientists from the Max-Planck
Institute for Biophysics in Frankfurt am Main, the
Semiconductor Manufacturing Technology division has
developed an innovative transmission electron microscope
for ultra-high resolution phase contrast imaging of
biological materials. This high-performance microscope
enables, for example, the precise examination and
analysis of individual strands of DNA and their functions.
As long ago as 1934, Nobel Prize winner Frits Zernike
revolutionised basic biomedical research with the invention
of the phase contrast microscope, which allowed better
examination of transparent cell structures.

ZEISS guarantees success on the racetrack with ultimate measuring precision?

Mario Pichler from motor sports supplier Pankl Engine
Systems describes the challenges of manufacturing
components for Formula 1 cars as a 'knife-edge balance
between lightweight construction and endurance'.
Almost all Formula 1 teams rely on measuring equipment
from ZEISS to ensure the precision of chassis, increase
the stability of engines and make their cars even faster.
ZEISS measuring equipment also plays an invaluable role
in American motor racing at events like the NASCAR
Sprint Cup Series, the XFINITY Series and the Camping
World Truck Series. For instance, in the laboratories of

ECR Engines – a US designer, developer and builder of Chevrolet engines for racing cars – various different measuring instruments, light and electron microscopes, and analytical programs from ZEISS are used for the precise measurement and analysis of a wide range of engine components.

No fewer than 35 Nobel Prize winners conducted their research with microscopes from ZEISS?

Scientists have always placed their trust in the expertise, experience and innovative powers of ZEISS and the quality of the company's products they use in their research. One of them was Robert Koch. In the 1880s, the founder of modern bacteriology discovered the bacilli

that cause tuberculosis and cholera. In a letter to Carl Zeiss, the winner of the 1905 Nobel Prize for medicine wrote, 'A large part of my success I owe to your excellent microscopes.' Today, as in the past, scientists rely on cutting-edge technologies and instruments made by ZEISS. For instance, Roger Tsien, the American biochemist and specialist for cell biology from the University of California in San Diego. He and his fellow scientists Osamu Shimomura and Martin Chalfie discovered the green fluorescent protein (GFP) with the aid of ZEISS microscopes. In 2008, the three research scientists were jointly awarded the Nobel Prize in Chemistry.

ZEISS ZEISS



MEDICAL TECHNOLOGY

ZEISS is actively involved in the battle against cataracts and supports eye treatment campaigns?

Cataracts are the most common cause of blindness around the globe. The clouding of the eye's natural lens is a condition that affects older people in particular. The only way to restore vision is an operation to remove the clouded lens and replace it with a clear, plastic intraocular lens (IOL). In Germany alone, the number of cataract operations performed every year amounts to almost 500,000. ZEISS offers a complete programme of solutions for the treatment of cataracts ranging from diagnostic devices and intraocular lenses to surgical microscopes and aftercare systems. ZEISS actively supports the global initiative 'Vision 2020 - The Right to Sight', which provides aid in regions with limited healthcare facilities. Incidentally, every year, cataract surgery with the aid of ZEISS medical technology saves the sight of 15 million patients around the world.

Operation microscopes from ZEISS help art restorers as well as surgeons?

A prominent example of this is the laborious restoration of *The Scream*, the famous painting by Norwegian expressionist Edvard Munch. The painting was stolen

from the Munch Museum by masked gunmen during opening hours in 2004. The painting was recovered two years later, but was found to be quite seriously damaged. Due the painstaking precision, very high magnification and good illumination required for the task, Gry Landro, a paper and painting conservator from the Munch Museum in Oslo, examined and restored the painting with the aid



of a specially modified ZEISS OPMI PENTERO operation microscope. The painting was on view to the public again in May 2008. Usually, the ZEISS OPMI PENTERO is used around the world in the fields of neurosurgery, spinal surgery and plastic surgery.

SEMICONDUCTOR MANUFACTURING TECHNOLOGY (SMT)

A large proportion of all microchips produced around the globe are manufactured with technologies from ZEISS?

ZEISS supplies equipment for semiconductor manufacturing to the Dutch company ASML, the world's largest producer of wafer steppers and wafer scanners – extremely complex machines for manufacturing microchips. Contact between the two companies was established around 30 years ago: in 1983, ZEISS began producing the first lithography optics for Philips (today ASML); 1992 then saw the expansion of their business relations into a strategic partnership.

VISION CARE / CONSUMER OPTICS

A ZEISS telephoto lens was sold at auction for more than 450,000 US dollars?

At an auction in Boston, the camera lens used on the Apollo 15 mission in 1971 raised a hammer price equivalent to around 400,000 euros. The ZEISS Tessar 500-millimetre f8 was used by mission commander David Scott on the Moon and in Earth's orbit. The lens went to a bidder who preferred to remain anonymous. The lens was mounted on a specially modified Hasselblad camera and was used to take almost 300 spectacular photos of the lunar surface. The camera was customised to make handling possible when wearing the thick, pressurised gloves of a spacesuit.

ZEISS makes driving safer? (DriveSafe)

Developed in collaboration with research institutes, ZEISS DriveSafe spectacle lenses are optimised to meet the specific needs of drivers. The special lens coating reduces glare by attenuating the proportion of short wavelength light. In addition to this, ZEISS DriveSafe lenses offer optimised fields of vision for so-called dynamic vision and, in return, a more relaxed view for wearers of varifocal spectacles. Former Formula 1 racing driver Christian Danner also relies on this innovative technology.

ZEISS ZEISS ZEISS





Numerous Oscar-winning films were shot with ZEISS lenses?

Cinematography lenses from ZEISS helped to create the unmistakeable, atmospheric mood of numerous Oscar-winning films like The Lord of the Rings, King Kong and Perfume: The Story of a Murderer – the jury of the Academy of Motion Picture Arts and Sciences awarded three technical Oscars to these cinematographic innovations. In 2012, two engineers from ZEISS were presented with the prestigious Scientific and Engineering Award for the mechanical and optical design of the ZEISS Master Prime cinematography lenses – a joint development by ZEISS and camera manufacturer ARRI. In 1999, the company received the award for the concept and optical design of zoom lenses with the optical performance of prime lenses (Variable Prime) and, in 1987, for the design and development of extremely fast lenses (Super Speeds).

ZEISS makes the stars shine in the world's biggest planetariums?

The world's biggest planetarium was opened in the Japanese city of Nagoya in March 2011. At the centre of the 35-metre dome in the Nagoya City Science Museum, a ZEISS UNIVERSARIUM projector simulates the sky at night. In Moscow, an identical projector is the centrepiece of Europe's biggest planetarium (dome diameter of 25 metres). In the biggest planetarium in the USA, in the Saint Louis Science Center, a ZEISS UNIVERSARIUM projects the stars on the inner surface of a dome with a diameter of 24 metres.

Incidentally, the world's oldest ZEISS planetarium still in operation can be found in the German university city of Jena. It was opened on 18th July 1926.

That the dwarf planet Pluto was discovered with optical technology from ZEISS?

On 18th February 1930, Clyde Tombaugh, a young research assistant at the Lowell Observatory in Arizona (USA) discovered Planet X, today better known as Pluto. His discovery was made with the aid of a so-called blink comparator from ZEISS, as the German planetologist Ulrich Köhler from Gmünd found out 85 years after the discovery of Pluto. A blink comparator has an eyepiece similar to that of a microscope and is used to flick quickly, or 'blink', between two photographs of particular segments of the night sky taken at different times to identify changes.

ZEISS binoculars made literary history?

Ernest Hemingway is considered to be one of the most influential writers of the 20th century. His best known works include short stories like 'In Another Country', 'The Snows of Kilimanjaro' and the novel *To Have and Have Not*. He was awarded a Pulitzer Prize in 1953 and received the Nobel Prize in Literature in 1954. Hemingway had a passion for big-game hunting and owned several pairs of ZEISS binoculars. One photo shows him with a Turita 8×24 and he is also seen in other pictures with a Carl Zeiss Dienstglas 6×30 (military field glass). This was also expressed in his works, in which ZEISS binoculars became a part of literary history.



SPORTS OPTICS

ZEISS made the first riflescopes with reticle illumination as long ago as 1921?



The Zieldovier and Zieldosechs models were the first two riflescopes that ZEISS offered not only with variable magnification, but also with reticle illumination. The riflescopes featured a light tube on the side that could be fitted with an illuminating device. This accessory was supplied only at the special request of customers. A fine adjustment control regulated the brightness of the illumination to allow it to be adapted to the visibility of the game.

ZEISS revolutionised riflescope mounting?

The introduction of the ZEISS inner rail in 1990 meant that gunsmiths no longer needed to perform the laborious tasks of gluing and drilling the mounting components to attach them to the riflescope. Since the patent expired in 2008, the ZEISS inner rail is now offered by almost all prominent European manufacturers.

ZEISS was the first to bring binoculars with mechanical image stabilisation to the market?

With the 20x60 S, ZEISS became the world's first manufacturer to launch a pair of binoculars with mechanical image stabilisation, which allowed shake-free, hand-held viewing with 20× magnification.

ZEISS TODAY AND TOMORROW

ZEISS constantly sets new standards?

Characterised by a spirit of innovation and progress, the 170-year history of the company is reflected in every idea, every product and in every service offered by ZEISS. Because, just as the world of nature constantly changes and never stands still, ZEISS works with untiring scientific curiosity and unconditional passion – always questioning the status quo and setting new standards with technical innovations.

THE CARL ZEISS FOUNDATION

In 1889, Ernst Abbe founded the Carl Zeiss Foundation to safeguard the existence of the two companies, Carl Zeiss and SCHOTT, independent from personal ownership interests.

Two years later, in 1891, he made the Carl Zeiss Foundation the sole owner of the ZEISS factory and part owner

of the SCHOTT works (Otto Schott transferred his shares in the glass works to the Foundation in 1919). In the course of a radical reform of the foundation in 2004, both Foundation-owned companies were transformed into legally independent, non-public stock corporations.

The primary objectives of the Carl Zeiss Foundation are the responsible management of the two companies and the use of the dividends generated by Carl Zeiss AG and SCHOTT AG to promote the natural sciences, engineering sciences and mathematics at universities. The Foundation's constitution prohibits the sale of shares. Administration of the Foundation is the responsibility of the Ministries of Science in the German federal states of Baden-Württemberg and Thuringia. They form the Foundation Administration and appoint the members of the Shareholder Council, which exercises the rights of the Foundation as the sole owner of the Foundation companies.



FURTHER: SEE

ZEISS AR SPORTS OPTICS APP

rooted in the DNA of ZEISS as the Technical innovation is as deeply two topics – and raises the ZEISS commitment to uncompromising details. Our new app links these optics product experience to an quality in even the smallest of entirely new level.

Sports Optics App, you can now take a look around inside our extreme-Thanks to the innovative ZEISS AR

made visible, but also easy to grasp. the distance-measuring system of the Victory Rangefinder System or adjustment of the illuminated dot in the Victory V8 are now not only your mobile device. Features like ly complex optics products from

as 'markers' for the app. All you need including the following page – serve Numerous pages of this catalogue – to do is hold your device above the



numerous products you can disco The rangefinder is just one of the and explore with the app.

animation. Discover what makes ZEISS a legendary name while you're there: detailed 3D models of our products. marker pages to discover perfectly them or take direct control of the You can take a walk around each the undying passion for precision of the products, get up-close to and quality – even down to the tiniest screw.

1. Download and install the ZEISS AR Sports Optics App

2. Activate the App and hold your device above a



















4. Move your tablet or smartphone to discover new angles and perspectives









RIFLESCOPES FROM ZEISS

DEDICATED

TO A PERFECT VIEW OF YOUR GAME

The perfect, universal riflescope for every hunterthat's naturally the dream of all mechanical and optical design engineers at ZEISS. At the same time, they know full well that it makes more sense to concentrate on the various different needs of hunters.

Riflescopes must take the needs of different hunting types and personal needs with regard to weight, magnification, field of view, handling and the brightness and clarity of the viewing image into account. Another extremely variable factor is how much individual hunters are prepared to invest. www.zeiss.com/productadvisor-hunting

ZEISS has found the ideal answer to this. This is based on one common factor – quality leadership – and then a broad spectrum of levels in terms of performance and price. The differences relate to optical and technical details, the selection of essential features and production volumes. Nevertheless, ZEISS firmly believes this: if there will ever be a riflescope that covers all hunting needs, then it's sure to be a riflescope from ZEISS.

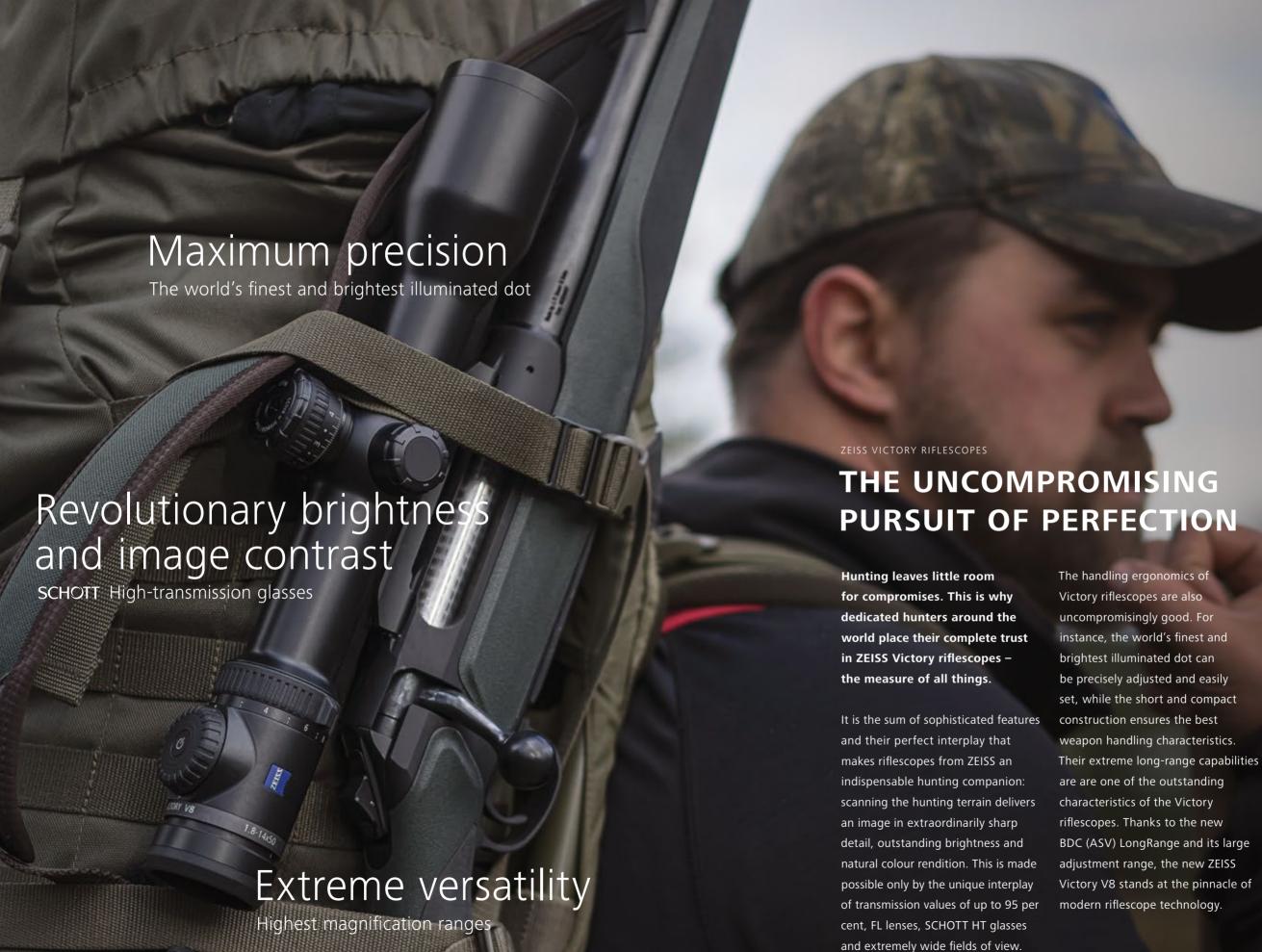
Our online product guide will lead you step by step to the perfect ZEISS riflescope for your specific needs:



SEE PERFECTION IN MORE DIMENSIONS

DOWNLOAD THE ZEISS AR SPORTS OPTICS APP. GAIN DETAILED INSIGHTS INTO THE QUALITY, CONSTRUCTION AND FUNCTIONALITY OF THE RIFLESCOPES FROM ZEISS.





ZEISS

FACTS:

Intelligent innovations for exceptional results:

HT glass from SCHOTT:

Simply 'brighter'. The utilisation of high-transmission (HT) glass ensures a visible increase in light transmission.

Glassless reticle:

It lies in the second image plane and guarantees a constant, fine illuminated dot throughout the entire magnification range. This results in minimum target coverage and noticeably higher aiming accuracy at long distances.

LotuTec® coating:

The dust, dirt and waterrepellent coating guarantees a permanently clear view.

Excellent ergonomics:

Functional control elements, intelligent illuminated dot control and robust engineering provide clear proof that the development of ZEISS riflescopes are founded on real-life hunting experiences.

pinnacle of

True long-range shooting capability

With an adjustment range of up to 100 clicks, the BDC (ASV) LongRange (ASV LR/ASV Competition) enables accurate aiming at distances of up to 600 metres. Long distances are no longer an obstacle.

Cutting-edge technologies

Multifunction button for control of the illuminated dot and intelligent motion sensor system for automatic activation of the illuminated dot when the weapon is raised to take aim.

Short reaction time

Faster target acquisition: this is guaranteed due to the large exit pupils and a large field of view at low magnification factors.

Performance-oriented design

ZEISS

The centre tube diameter of 36 millimetres offers more room for optical excellence and greater reticle adjustment ranges.

Precise images

Perfect aim at all distances, thanks to parallax compensation as a standard feature.

PRODUCT PORTRAIT

THE MOST VERSATILE RIFLESCOPE:

ZEISS VICTORY V8



V8 1.1-8×30

The up to 8x magnification range fulfils the needs of real-life hunting practice in driven hunts and when stalking, and is ideally suited for target acquisition with both eyes open and quick shots at short distances. An unusually wide field of view maximises the overview for shooters on driven hunts and when stalking.



V8 1.8-14×50

From driven hunts and stalking to stand hunting.

The large zoom range with parallax compensation and relaxed viewing characteristics make this riflescope an ideal companion in every situation.



HT 2.5-10×50

The all-rounder for all hunting applications: whether you are shooting on the move or stand hunting, the optional BDC+ (ASV+) makes this riflescope ideal for every hunting situation. The optical concept of the ZEISS Victory HT reveals its true strengths especially in the twilight hours.



HT 3-12×56

The specialist for stand hunting at night. The SCHOTT HT glass of the brightest riflescope from ZEISS ensures maximum night hunting capability. In combination with the optional BDC+ (ASV+), the Victory HT also guarantees hunting success at long ranges.

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ACCESSORIES



V8 2.8-20×56

The 20× magnification and bullet drop compensation as a standard feature make this model an ideal choice for long-range shots. In addition, the 92 % transmission offers outstanding reserves for shooting into the last hours of daylight.



V8 4.8-35×60

The benchmark model of the Victory V8 line. The 35x magnification combined with the BDC (ASV Competition) stands for ultimate long-range shooting capability. The optical system of the Victory V8 impresses with consistently excellent sharpness and the highest resolution of details from minimum to maximum magnification.



Bullet drop compensator BDC (ASV)

Direct read-out of shot distances makes the BDC (ASV) the world's most precise long-range shooting concept. This accessory enables accurate aiming at distances of up to 600 metres.



Flip cover for the Victory V8 / Victory HT

The high-quality, extremely durable front lens cap is screwed into the lens filter thread and offers perfect protection in any weather conditions. It can be fixed in any position and is suitable for use by left- and right-handed shooters. The field of view is not impaired and its handling while hunting is simplistic.

ZEISS

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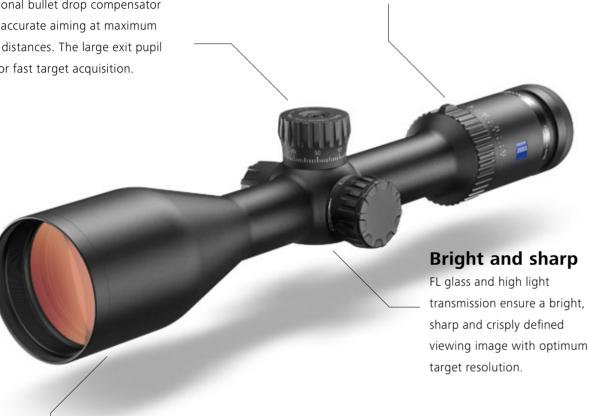
THE HIGH-PERFORMANCE RIFLESCOPE WITH A 6× ZOOM RANGE: ZEISS CONQUEST V6

Fast and precise

The optional bullet drop compensator enables accurate aiming at maximum hunting distances. The large exit pupil allows for fast target acquisition.



Automatic activation and deactivation of dot illumination by intelligent motion sensor technology.



Robust and reliable

The extremely robust construction and reliably engineered mechanical systems guarantee safe and sure functioning under all conditions. Quality, 'Made in Germany'.

V6 2.5-15×56

With the highest light-gathering power, the Conquest V6 is an excellent choice for stand hunting and, thanks to the optional BDC (ASV), is also ideal for long-range shots. The minimum coverage of the target by the illuminated reticle ensures a perfect aim.



V6 1.1-6×24

Its wide field of view is ideal for keeping everything in sight on driven hunts. A maximum magnification factor of 6.5× guarantees the flexibility required when hunting and intuitive handling ensures quick responses.



V6 2-12×50

This compact and versatile riflescope is a reliable companion in every hunting ground. The extremely fine illuminated dot and high magnification range of the Conquest V6 $2-12\times50$ bring high performance well into the twilight hours.



V6 3-18×50

The lightweight and lean design of this versatile riflescope makes it ideal for medium to long-range shooting. It is also reliable and simple to use. A ballistic turret is available as an optional accessory. Reticle 6 and ballistic reticles ZBR-2 and ZMOA-2.



V6 5-30×50

The Conquest V6 $5-30\times50$ offers a high magnification factor for long-range shots. In addition to this, it also features a wide zoom range that guarantees maximum flexibility. A further advantage is its lightweight construction and lean design. Ballistic reticles ZBR-1/ ZMOA-1, and additional Reticle 43 are available.

ZEISS ZEISS ZEISS Hunting Catalogue 2018

ACCESSORIES

Reticles for ZEISS riflescopes

ZEISS raises the standards time and time again with the incomparably high precision of its new reticles.

Non-illuminated standard reticle

Non-illuminated reticles are versatile and precise. They are ideal for use when hunting in very good light, in the early hours of dusk or the later hours of dawn. A further advantage is that non-illuminated reticles can be used for measuring distances: the fine scales on the horizontal and vertical cross hairs between the reticle posts enable the determination of useful information about the distance to the game. As certain reticles have extremely fine cross hairs that cover very little of the target or game at long ranges, non-illuminated reticles also bring distinct advantages for sports marksmen.

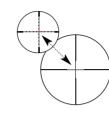
Illuminated reticles

Depending on the brightness of the illuminated dot or cross, there are two fundamentally different types of illuminated reticle in the ZEISS riflescope range:

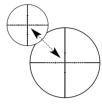
Illuminated reticles with a very bright illuminated dot – as those found, for example, in the Victory HT models – are intended for use in daylight or twilight and are particularly effective for rapid target acquisition when hunting moving game.

The second group of illuminated reticles from ZEISS are intended for use in the twilight hours. The corresponding Classic and Victory FL models feature finely dimmable illuminated dots. These enable ideal adjustment to the widely varying lighting conditions encountered in the early hours of twilight. If the illuminated dot or cross hairs were

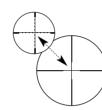
too bright, flare would obscure the target in deep twilight. These illuminated reticles therefore provide an option for optimum adjustment of the brightness – either manually or automatically with the help of the riflescope.



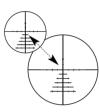
Reticle 43With central illuminated dot
For Victory V8



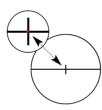
ZMOA-2For Conquest V6



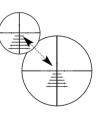
Reticle 43Non-illuminated for Conquest V6



ZBR-1For Conquest V6



Illuminated reticle 54For Victory V8

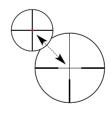


ZBR-2For Conquest V6

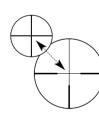
BDC (ASV) for Conquest V6
BDC (ASV) for elevation can be ordered separately for retrofitting



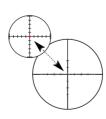
Throw lever for Conquest V4 and V6
For fast magnification changes when speed is a critical factor.



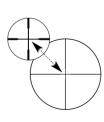
Illuminated reticle 60
For Victory V8, HT
and for Conquest V6



Reticle 6For Conquest V6



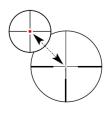
ZMOAiFor Conquest V4



Reticle 20 (Z-Plex)
For Conquest V4



For Conquest V6, Conquest V4



Reticle 60For Conquest V4

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HIGH-QUALITY OPTICS FOR EVEN THE **HARSHEST HUNTING CONDITIONS:** ZEISS CONQUEST V4



Ballistic turret The large bullet drop

adjusted to fit the specific



mechanical systems

Absolute reliability: the mechanical systems also stand the test in all situations where hunters need to react on the spur of the moment.



V4 1-4×24

Proven to be exactly the right riflescope for hunting at short range and in situations where fast target acquisition is essential.



V4 6-24×50

Offering 24x magnification and parallax compensation, this riflescope is the specialist for precision shooting.



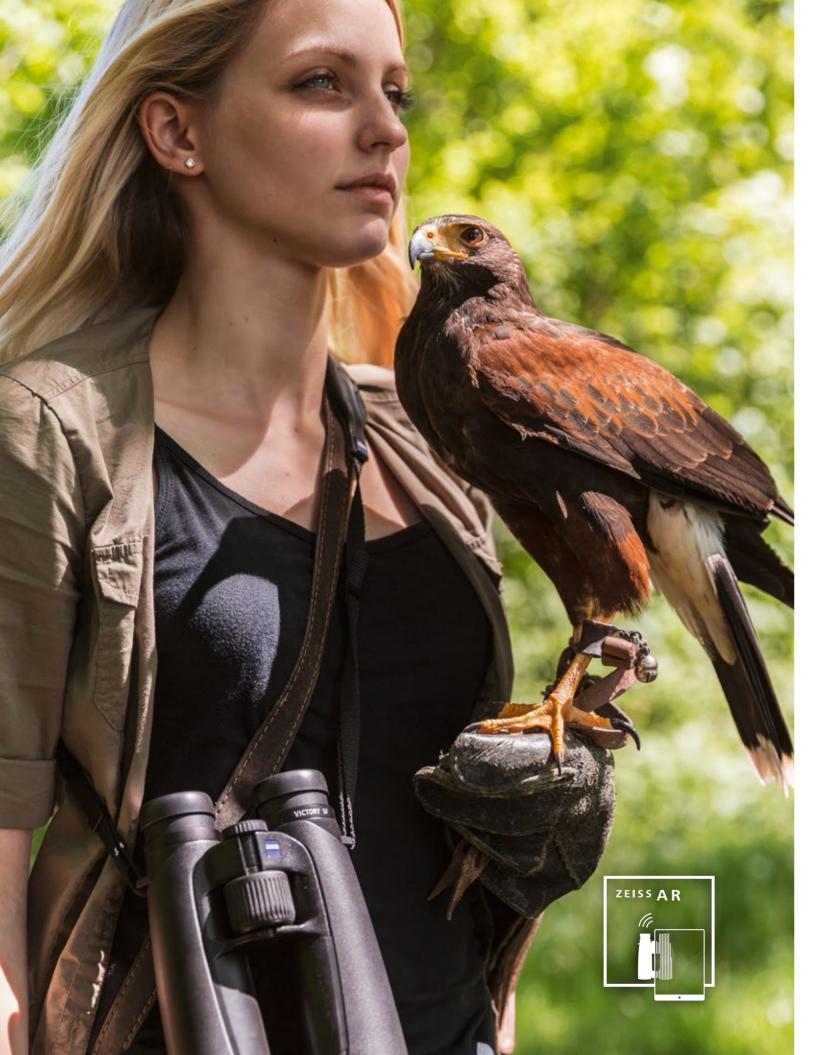
V4 4-16×44

The balance between its wide field of view and magnification range make this compact riflescope ideal for all types of hunting.



V4 3-12×56

This riflescope is suitable for stand hunting and for long-range shots. The large objective lens diameter and illuminated reticle guarantee aiming accuracy, even in unfavourable light.



BINOCULARS FROM ZEISS

VIEWED OVER TIME: **THE BEST**

There always has been something legendary about ZEISS binoculars. A legend founded on exceptional optical performance, outstanding ergonomics, robust construction and a whole world of innovations that have constantly expanded the limits of the technically possible.

So it's no wonder that generations of hunters swear by 'their' ZEISS binoculars. These dependable hunting companions will one day be bequeathed to the next generation, along with the stories experienced with them. Many of them are still in constant use today. Nevertheless, time never stands still. Today, the three product lines from ZEISS – Victory, Conquest and Terra – offer the highest quality for a wide variety of different hunting needs. From special binoculars for stand hunting at night to compact binoculars for everyday situations. But however much the various binoculars may differ in their specialisation and performance, they must all work hard to earn the name founded on more than 170 years of research, the finest arts of engineering and an undying passion for excellence: ZEISS.

Our online product guide will lead you step by step to the perfect ZEISS binoculars for your specific needs: www.zeiss.com/productadvisor-hunting



YOU CAN NOW TAKE A CLOSER LOOK AT THEIR QUALITIES

WHAT MAKES OUR BINOCULARS UNIQUE, AND HOW ARE THEY CONSTRUCTED? THE ZEISS AR SPORTS OPTICS APP PROVIDES THE ANSWERS.



Precise and intuitive Top of the class handling Extremely wide-angle fields of view Rapid focusing Unique carrying comfort Very lightweight, excellent grip characteristics Best image quality Bright, high-contrast image, natural colour fidelity

ZEISS VICTORY BINOCULARS

FOR CONFIDENT, FARSIGHTED DECISIONS

Do you discover and recognise new perspectives where others see only limits and give up? Do you demand only the best from yourself, and accept nothing less? Do you enjoy having the freedom to make confident decisions? If your answer is yes, you simply can't ignore the Victory line binoculars from ZEISS.

Anyone who has ever held a zeiss
Victory model in their hands will
never want to hand it back – for
good reason. Even the tiniest details
are thought through to excellence.
Innovative optical and mechanical
systems interact with ergonomics
with the ultimate perfection of a
winning team to deliver the viewing
image you need at the decisive
moment. Sharp, precise, clear,
uncompromising. Even in the most
unfavourable conditions. At the

Victory line of binoculars from ZEISS is amazingly robust.

With a ZEISS Victory in your hands,

you have everything in sight and remain in perfect control of the situation, however unexpected or unusual it may be. Whether in the darkest hours of night or at the most extreme ranges. Whether lying in wait for the stag of your life or hunting game in mountainous terrain. Your ZEISS Victory binoculars will soon become your most invaluable hunting companion.

Regardless of whether you choose an all-rounder like the Victory SF, a specialist like the Victory HT or the particularly compact Victory Pocket. They all offer you the opportunity to collect unique insights and personal experiences that will become treasured memories.

FACTS:

Intelligent innovations for exceptional results:

Triple-link bridge:

Constructional stability and robustness that stands up to even the harshest conditions.

Ultra-FL lens system:

Ensures natural colour fidelity, high contrast and finest detail rendition.

Magnesium materials:

The combination of extremely lightweight and high strength materials guarantees quality that lasts for generations.

LotuTec® coating:

The dust, dirt and waterrepellent coating guarantees a permanently clear view.

ErgoBalance concept:

Perfectly balanced weight distribution guarantees fa tigue-free observation.

ZEISS FieldFlattener technology:

Extreme edge sharpness, even with wide fields of view.

Smart Focus concept:

Optimum location of the focusing wheel ensures intuitive, fast and precise focusing.

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TURNING SENSE INTO

CERTAINTY:

ZEISS VICTORY RANGEFINDER SYSTEM



Everything you need

Storage capability for up to nine personalised ballistics profiles set up beforehand in the Hunting App.

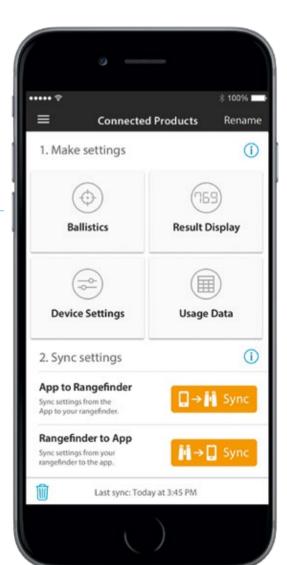
All you need at a glance

The rangefinder determines the precise target distance up to a maximum range of 2,300 metres.

THE ZEISS HUNTING APP

Entirely new possibilities

The capabilities of the rangefinder system are perfected by the ability to synchronise it with the ZEISS Hunting App via Bluetooth. This allows the hunter's own ballistics data to be transferred to the rangefinder for configuration of the system.



Binocular real-time ballistics system

The various measuring functions of the rangefinder take a multitude of relevant data into account and use them to calculate the precise setting for the BDC (ASV).

An eye for relevant data

Every measurement takes the physical and environmental factors, such as temperature and air pressure, into account when making the calculation.

Ultimate ergonomics and handling

The TripleLink Bridge stands for rigid construction paired with ergonomic design. State-of-the-art magnesium alloys enable featherweight construction.

An exceptional viewing experience

The Ultra-FL lens system guarantees natural, true-to-life colour rendition, a bright viewing image and finest resolution of details. The use of SCHOTT HT glass in the optical system guarantees the high transmission value of 92 per cent.

SCHOTT HT GLASS

PRODUCT PORTRAIT

THE MOST VERSATILE PREMIUM
BINOCULARS IN THE HISTORY OF ZEISS:
ZEISS VICTORY SF

Fantastic handling

The Smart Focus concept and the optimum location of the focusing wheel guarantees a pin-sharp viewing image in seconds.



Superior vision

Incomparably broad fields of view provide
a perfect overview in difficult terrain and
a close focus distance of 1.5 metres allows
detailed exploration of the immediate vicinity.

MADE FOR THE TWILIGHT HOURS:







RF 8/10×42

The compact rangefinder model. The binocular realtime ballistics system can be synchronised with the Hunting App via Bluetooth.



RF 8/10×54

All the qualities of the rangefinder system in combination with powerful optics. The model for users who look for the best when it comes to optical performance.



SF 8/10×42

With a value of 148 metres at 1,000 metres, the field of view of these binoculars is absolutely outstanding. Thanks to the Smart Focus concept, the outstanding optical performance is also complemented by perfect ergonomics.



HT 8/10×54

The models with the 54-millimetre objective lens are among the most powerful night-hunting binoculars from ZEISS. With a light transmission of 95 per cent, these binoculars guarantee maximum performance in the hours of dusk and dawn. At the same time, the 8×54 impresses with outstanding ergonomics and a large exit pupil.



FL 8/10×32

The special lenses with FL glasses minimise colour fringing, ensure superior edge sharpness and thus leads to a sharp viewing image with the finest resolution of details. In addition to this, the compact size and low weight make them ideal for prolonged observation.



Pocket 8/10×25

Proven high-performance binoculars for virtually all observation situations. The compact size and light weight allow them to be conveniently carried in smaller jacket pockets when not in use.





Air Cell Comfort carrying strap

The carrying strap enables binoculars with lens diameters greater than 30 millimetres to be carried much more comfortably. Embedded air cells make the strap much more comfortable to wear, while quick-release fasteners make it easy to attach and remove. The strap length can be adjusted to meet the user's needs.



Comfort carrying harness

Made from premium materials, the harness prevents neck strain and distributes the weight of the binoculars over the upper body. When moving about, the binoculars remain steady and any uncontrolled swinging is prevented. The harness offers outstanding carrying comfort and enables binoculars to be quickly and easily fixed when not in use.

00

PERFECT ALL-ROUNDERS:

ZEISS CONQUEST HD

Light in the darkness

High transmission values are an essential prerequisite for impressive observation in the twilight hours.



Compact dimensions, low weight and modern a design come together to create exemplary ergonomics.

Nature in HD

The highest resolution of details and natural colour rendition of the HD lens system lets you experience new standards of optical excellence.



HD 8/10×32

Thanks to the extra-wide field of view of the HD lens systems, compact dimensions, low weight and carrying comfort, the Conquest HD $8/10 \times 32$ is the ideal, high-performance companion for every situation.



HD 8/10/15×56

This version is the specialist for situations in unfavourable light and impresses with a bright, high-contrast viewing image. The 15 × 56 is supplied complete with a tripod adapter.



HD 8/10×42

Exceptional quality and performance – Made in Germany. Ideal for users who are looking for sharpness, high resolution of details, natural colour rendition and outstanding quality in the close focusing range.

ZEISS IN PRACTICE



Care and cleaning tips from ZEISS

LotuTec® is a resilient and abrasion-resistant lens coating with a special surface and strong lotus effect that reduces the adhesion of water droplets and dirt on lenses. The use of a ZEISS lens cleaning cloth is recommended for cleaning lens surfaces. Coarse dirt on lenses – for example, sand, mud or soil – must not be wiped off: it should only be removed by rinsing with clear water or with a clean lens



brush with soft, fine bristles.

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ZEISS

CONQUEST HD

PERFECT FOR EVERY TRIP:

ZEISS TERRA ED

Ergonomic

Focusing with a ZEISS Terra ED is made particularly quick and easy by the smooth action of its large, intuitively placed



SCHOTT ED GLASS



ED Pocket 8/10×25

In its class, the extremely light and compact Terra ED Pocket delivers an outstanding viewing experience and impresses with intuitive handling.



ED 8/10×32

Impressive images, precise focusing and compact size are the characteristic features of the 32-millimetre version of the Terra ED.

ZEISS IN PRACTICE



Stefan Glowacz, extreme climber

Following his impressive victories at the Sport Roccia in Bardonecchia and the Rock Masters in Arco, the runner-up in the world climbing championships decided to end his professional career in 1993. Today, he climbs the remote and unexplored walls of the world and organises expeditions. In this, he places his absolute trust not only in his vast store of expertise and experience, but also in binoculars from ZEISS for example, the Terra ED Pocket.



ED 8/10×42

A bright image, outstanding resolution of details and comfortable viewing characteristics. In combination with optimum ease of handling, these perfectly describe the outstanding properties of the Terra ED 42.

OPTIMUM VISIBILITY, **EVEN IN THE LIGHT OF A NEW MOON:**ZEISS VICTORY NV

Superior image intensifier tube

The intensifier tube with a light amplification factor of around 20,000 contains a micro-channel plate (MCP) for the generation of sharp, finely detailed images.

Perfect interplay

Available light is gathered by the 62-millimetre objective lens and focused on the extremely sensitive photocathode.



Robust construction

The optical and mechanical systems of the Victory NV are protected by its waterproof, rubber-armoured, nitrogen-filled casing.



ZEISS Mono

The 3×12 is a powerful mini-telescope with $3\times$ magnification. It transforms Victory* and Conquest binoculars with objective lens diameters of more than 30 millimetres and more and the Dialyt 8×56 GA into high-performance spotting scopes at the flick of a wrist by attaching it to the eyepiece with an adapter ring. Can also be used separately as a magnifier in the close focus range.

* Not SF



ZEISS Mono

For a precisely detailed view at sporting events, in the theatre or at longer distances outdoors: The Monos with ZEISS T* multicoating impress with a bright and clear viewing image and, depending on the model, can also be used as magnifiers.



20×60 S

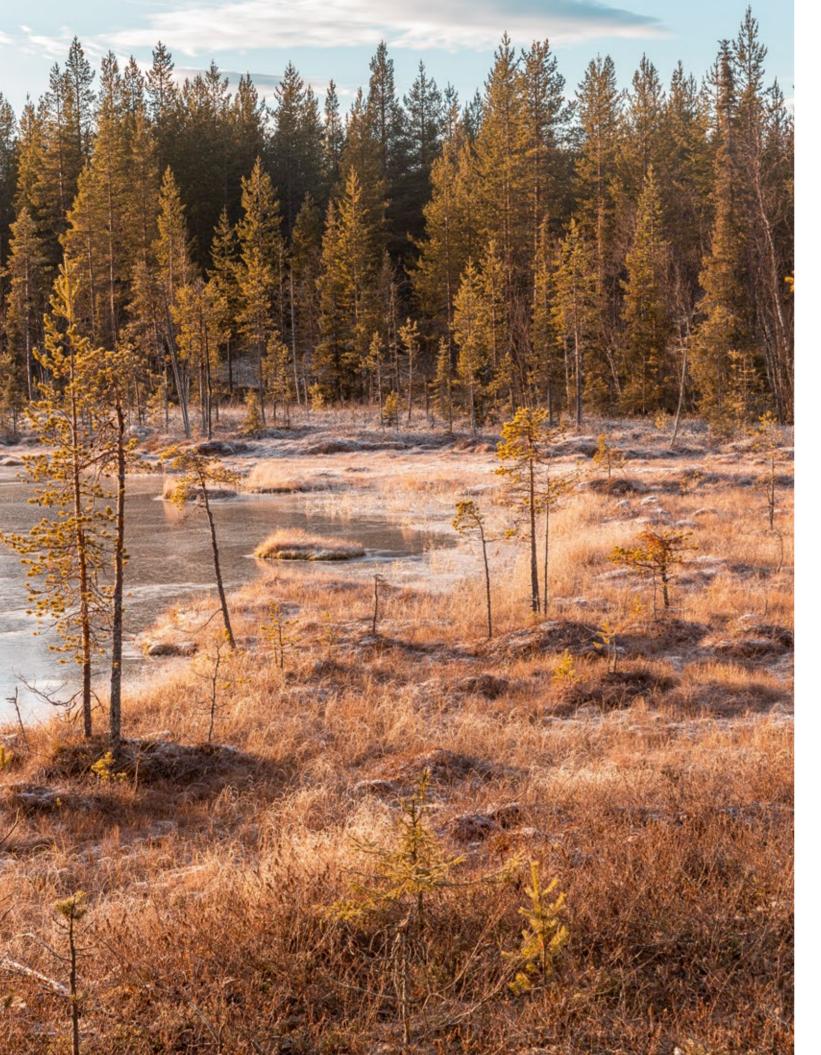
Superlative binoculars in every respect: developed for the longest distances, and even used on missions to the International Space Station (ISS). The exceptional light transmission of the Porro prism system guarantees the brightest viewing images with outstanding resolution of the finest details even at 20× magnification. The technically unique mechanical image stabilisation system of the 20×60 T* S ensures a perfect viewing experience: the unavoidable shake always encountered when observing with handheld binoculars can be easily eliminated at the press of a button.



5.6×62 NV

State-of-the-art image intensifier tubes amplify even the lowest levels of light to make the game observed appear 20,000 times brighter. In the complete absence of light or residual light, the integrated IR-LED can be activated at the touch of a button. The LED radiates light in the infrared spectrum and allows observation with the NV device at distances of around 50 metres. By attaching a torch with an IR filter, illumination can be extended to several hundred metres.

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SPOTTING SCOPES FROM ZEISS

DISCOVER **THE HEART AND SOUL**OF THE NATURAL WORLD

On the one hand, curiosity and open-mindedness; on the other, high-tech spotting scopes from ZEISS. When these come together, every encounter with the world of nature becomes a unique experience.

The world of nature is fascinating wherever you happen to be – in extreme environments like the Antarctic and the Amazon Basin, as well as close to your home. This is why so many people have discovered their passion for birdwatching and wildlife observation. It also explains why there are so many different demands on the optical equipment used.

Spotting scopes from ZEISS fulfil these demands in a variety of ways – from natural reproduction of colours,

the finest rendition of details and outstanding brightness and contrast to wide fields of view and breathtakingly powerful magnification.

Qualities that make ZEISS spotting scopes firm favourites around the globe and provide the quality that makes it easier for people to get closer to nature than ever before and experience more moments of true fulfilment every day. No matter whether you are watching the migration of enormous herds of animals or the flight of a single bird.

Our online product guide will lead you step by step to the perfect ZEISS observation optics for your specific needs: www.zeiss.com/productadvisor-hunting



High magnification factors Sharp image at extreme dista ZEISS VICTORY SPOTTING SCOPES FACTS: A NEW DIMENSION **OF OBSERVATION** Intelligent innovations exceptional results: Natural colour fidelity, high The creation of the new on collars on the body of the scope contrast, brilliance and the established foundations: this is and not, as usual, with the eyepiece. finest detail rendition This enables very fast adaptation one of the motors of progress so characteristic of ZEISS. One that to the current situation and brings LotuTec[®] coating: Outstanding has been realised with particular dedicated birdwatchers and wildlife The dust, dirt and watersuccess in the Victory Harpia enthusiasts even more fascinating repellent coating guarantees from ZEISS. ergonomics a permanently clear view. encounters with the world of nature. This spotting scope features the Further unquestionable benefits **Dual Speed Focus:** Large control elements with smooth action Dual Speed Focus system with fast are the 72° angle of view and the Precise focusing with automatic switching from close to long range respective, model-specific closeswitch between fast and options for fine focusing and focus distances of 3.5 and 4.5 metres. and fine-focusing drive. These values make the Victory sharpness correction. Harpia ideal for observation on a Magnesium materials: Optimum performance One of the many innovations of this larger scale – for example, on the The combination of extremely high-performance spotting scope water or in woodland - as well as llightweight and high Objective lens diameters of up to 95 millimetres from ZEISS is that magnification strength materials that last at closer range. and focusing are controlled with for generations.

ZEISS

PRODUCT PORTRAIT

THE MOST POWERFUL SPOTTING SCOPE:

ZEISS VICTORY HARPIA

ComfortVision Concept Subjective angle of view of 72°

Subjective angle of view of 72° throughout the entire zoom range for a noticeably greater overview of the terrain.

LotuTec® coating

A clear view in all weather conditions. Raindrops and dirt simply roll off the lens.

Harpia 95

The unusual optical system features a 3× wide-angle zoom, up to 70× magnification and an objective lens diameter of 95 millimetres. The extremely wide fields of view prove their worth in every situation. The Harpia 95 also features precise focusing with convenient automatic transition from rapid to fine adjustment, even at high magnification factors.



Harpia 85

With the exception of its objective lens diameter of 85 millimetres, this version offers the same overall advantages as the Harpia 95. Thanks to the use of FL glasses and other specially formulated glass types, the Harpia 85 also delivers an absolutely sharp viewing image with natural colour fidelity, even at maximum magnification. And a subjective angle of view of 72° throughout the entire zoom range provides a noticeably greater overview of the terrain.

ACCESSORIES



Tripod Professional

The ZEISS Tripod Professional fulfils the most demanding requirements with regard to compatibility and loading weight and enables particularly smooth panning and tilting. It is specifically suitable for use with 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.

ACCESSORIES



Ever-ready carrying case for the Victory Harpia

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



Ever-ready carrying case for the Conquest Gavia

Developed especially for the Conquest Gavia, the case protects the spotting scope against environmental influences such as moisture and dirt. In addition to this, optimum carrying comfort, fast readiness of 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.



Adapters for commonly

available astro evenieces



1¼" adapter for astronomical telescor



2" adapter for astronomical telescopes



Bracket adapter for the ZEISS Conquest Gavia

Adapters for DiaScope eyepieces on astronomical telescopes

The powerful DiaScope eyepieces with T* multicoating are also ideal for observing the stars. The adapters are available for telescopes with 1¼" and 2" mounts. The astro adapters can be used to connect both the 12.8-millimetre, wide-angle eyepiece or either of the two zoom eyepieces (8.4- to 25.1-millimetre and 6.7- to 25.1-millimetre focal length) to astronomical telescopes.

Four different adapters

In combination with the ExoLens® bracket holder, the bracket adapter makes it easy to attach a smartphone to a spotting scope. This enables the use of the high magnification of a spotting scope for photography with a smartphone.

THE EXPLORER'S COMPANION:

ZEISS CONQUEST GAVIA 85







Gavia 85

This spotting scope with an 85-millimetre objective lens is particularly lightweight and compact. This makes it the ideal instrument for close and long-range observation, especially in difficult-to-access regions. A unique feature in this class is the short close-focus range that makes the observation of small subjects such as songbirds a fascinating natural experience.

ACCESSORIES



ExoLens® Bracket

The combination of the Exo-

Lens Bracket and an appropriate adapter enables quick and easy attachment of a smartphone to a spotting scope or a pair of binoculars for use as a digiscoping camera.

1.25" astro adapterFor mounting standard astro eyepieces.



ZEISS photo adapter

Whether for still pictures or film, the photo adapter (for M49, M52 or M58 filter threads) enables direct attachment of a digital camera to the Conquest Gavia 85 and transforms the spotting scope into a powerful telephoto lens.

ZEISS ever-ready case

The ever-ready case for the Conquest Gavia 85 is designed to provide reliable protection, optimum carrying comfort and, above all, fast readiness of the spotting scope for use. The eyepiece and objective lens caps can be securely attached to the case when not in use.



BRIDGING THE DISTANCE:

ZEISS DIALYT





Dialyt

The light and compact 'hunter's spotting scope' was developed especially for fast and precise target identification at extreme distances. A waterproof, non-fogging, construction, reliable functioning and simple handling make it the ideal companion for hunting in flat, open country or in rugged mountainous terrain.

ACCESSORIES

Tripod mount

The Dialyt 18–45x65 can be rested on a rucksack or supported against a tree trunk for steady viewing and also features a field-tested tripod mount. In the case of a lack of natural support, or for longer periods of observation, it is advisable to mount the spotting scope on a carbon tripod from ZEISS. Another alternative would be the use of a lightweight monopod for support.







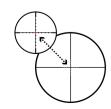
A DIVERSITY OF DEVELOPMENTS:

ZEISS RIFLESCOPES

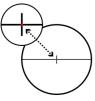
Victory riflescopes	S	V8					
Model		1.1-8×30	1.8-14×50	2.8-20×56	4.8-35×60		
Magnification		1.1-8×	1.8-13.5×	2,8-20×	4.8-35 ×		
Effective lens diamete	er	10.6-30 mm	30 mm 18.6 – 50 mm		48.1 – 60 mm		
Exit pupil diameter		9.9-3.9 mm	10.3 – 3.7 mm	9.8-2.8 mm	9.9 – 1.4 mm		
Twilight factor		3.1 – 15.5	5.1 – 26	7.9-33	13.6-45.8		
Field of view at 100 m		39.6 – 5.4 m	23-3.1 m	15.5 – 2.1 m	8.6-1.2 m		
Objective viewing and	ıle	22.2°-3°	13.1° – 1.8°	8.9°-1.2°	4.9°-0.7°		
Diopter adjustment ra	inge		-3.	5/+2 dpt			
Eye relief			g	5 mm			
Parallax free		100 m		50 m – ∞			
Vertical adjustment ra	ange at 100 m	500 cm	310 cm	210 cm	130 cm		
Lateral adjustment ra	nge at 100 m	320 cm	200 cm	135 cm	85 cm		
Adjustment per click a	at 100 m		0.5 cm				
Centre tube diameter			3	6 mm	•		
Eyepiece tube diamete	er						
Objective tube diamet	ter	36 mm	56 mm	62 mm	67 mm		
LotuTec® / Nitrogen fil	led	yes/yes					
Water resistance			40	0 mbar			
Operating temperatur	e		-25°	C/+50°C			
Length		303 mm	343 mm	350 mm	402 mm		
Illuminated reticles		54, 60	60	60	43, 60		
Weight with	without inner rail	600 g	710 g	830 g	970 g		
illuminated reticle	with inner rail	620 g	730 g	855 g	1,000 g		
Part number	without inner rail	52 21 07-	52 21 17-	52 21 37-	52 21 47-		
(XXXXXX-XXXX-XXX)	with inner rail	52 21 06-	52 21 16-	52 21 36-	52 21 46-		
Choice of	43		-	_	-9943-		
illuminated reticles	54	-9954-	_	_	_		
(xxxxxx- XXXX -xxx)	60	-9960-	-9960-	-9960-	-9960-		
Bullet drop	without BDC	-000	-00	0			
compensator (ASV)	BDC (elevation)	_	-04	0 -04	0 -040		
(xxxxxx-xxxx- XXX)	BDC (elev. and windage)	_	-05	0 -05	0 -050		
		_	BDC (ASV) LR	BDC (ASV) LR	BDC (ASV) Comp.		

Example for a complete order number for Victory V8 1.8–14×50 with inner rail, ret. 60, ASV LR (elevation): 522116-9960-040

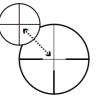
Subject to changes in design and scope of delivery as a result of ongoing technical development.



Reticle 43 with illuminated dot in the centre



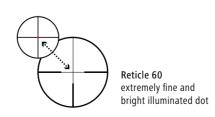
Reticle 54 Perfected for driven hunts



Reticle 60 extremely fine and bright illuminated dot

Victory riflescopes	S	нт				
Model		2.5-10×50	3-12×56			
Magnification		2.5×-10×	3×-12×			
Effective lens diamete	r	37.7 – 50 mm	44-56 mm			
Exit pupil diameter		15 – 5 mm	14.9 – 4.7 mm			
Twilight factor		7.1–22.4	8.5-25.9			
Field of view at 100 m		14.8 – 4.1 m	12.5 – 3.5 m			
Objective viewing ang	ıle	8.5°-2.3°	7.2°-2°			
Diopter adjustment ra	nge	-41	+2 dpt			
Eye relief		90	mm			
Parallax free		10	0 m			
Vertical adjustment ra	ange at 100 m	140 cm	120 cm			
Lateral adjustment ra	nge at 100 m	140 cm	120 cm			
Adjustment per click a	at 100 m	1	cm			
Centre tube diameter		30	mm			
Eyepiece tube diamete	er	42	2 mm			
Objective tube diamet	ter	56 mm	62 mm			
LotuTec®/Nitrogen fill	led	yes	/yes			
Water resistance		400	mbar			
Operating temperatur	e	-25°C	/+50°C			
Length		321 mm	347 mm			
Illuminated reticles		60	60			
Weight with	without inner rail	525 g	573 g			
illuminated reticle	with inner rail	550 g	598 g			
Part number	without inner rail	52 24 25-	52 24 35-			
(XXXXXX-XXXX-XXXX)	with inner rail	52 24 24-	52 24 34-			
Choice of	43	_	_			
illuminated reticles	54	_	_			
(XXXXXX-XXXX-XXX)	60	-9960-	-9960-			
Bullet drop	without BDC	-000	-000			
compensator (ASV)	BDC (elevation)	-010	-010			
(xxxxxx-xxxx- XXX)	BDC (elev. and windage)	-020	-020			
		BDC+ (ASV+)	BDC+ (ASV+)			

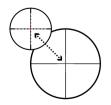
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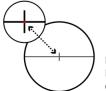
ZEISS ZEISS ZEISS Hunting Catalogue 2018

Conquest rif	flescopes		nquest riflescopes V6				
Model		1.1-6×24	2-12×50	2.5-15×56	3-18×50	5-30×50	
Magnification		1.1-6.5×	2-12×	2.5-15×	3-18×	5-30×	
Effective lens	diameter	10.5 – 24 mm	19.4 – 50 mm	24.3 – 56 mm	28.6 – 50 mm	47.3 – 50 mm	
Exit pupil dian	neter	9.5 – 3.7 mm	9.7 – 4.2 mm	9.7 – 3.7 mm	9.5 – 2.8 mm	9.5 – 1.7 mm	
Twilight factor		3.1 – 12.5	5.7-24.5	7.1 – 29.0	8.5-30.0	14.1 – 38.7	
Field of view a	t 100 m	38.1 – 6.6 m	20.5-3.4 m	16.4-2.7 m	12.4-2.1 m	7.4 – 1.2 m	
Objective view	ring angle	21.6°-3.8°	11.7°-2.0°	9.4°-1.6°	7.1°-1.2°	4.2°-0.7°	
Diopter adjust	ment range			+2/-3 dpt			
Eye relief				90 mm			
Square adjustr	nent range at 100 m	300 cm	250 cm	200 cm	300×170 m 180×100		
Adjustment pe	r click at 100 m		1 cm		1/4 MoA (0.7 / 100 m)	
Centre tube di	ameter			30 mm			
Eyepiece tube	diameter			45.5 mm			
Objective tube	diameter	30 mm	56 mm	62 mm	56 mm	56 mm	
LotuTec® / Nitro	ogen filled		yes / yes		LotuTec®	/ ZEISS T*	
Water resistan	ce	400 mbar					
Operating tem	perature			-25/+50°C			
Length		290 mm	335 mm	352 mm	338 mm	380 mm	
Maight	without inner rail	505 g	620 g	690 g	630 g	740 g	
Weight	with inner rail	545 g	655 g	725 g	not available	not available	
0	without inner rail	52 22 05	52 22 25	52 22 35	52 22 41	52 22 51	
Order number	with inner rail	52 22 04	52 22 24	52 22 34	-	-	
Choice of retic	60	9960	9960	9960	-	-	
(XXXXXX-XXXX-X		-	-	-	9906	9906	
	43	-	-	-	-	9943	
	ZMOA-2	-	-	-	9994	-	
	ZMOA-1	-	-	-	-	9993	
	ZBR-2	-	-	-	9992	-	
	ZBR-1	-	-	-	-	9991	
Bullet drop	BDC (ASV)	-	060	060	-	-	
compensator ((xxxxxx-xxxx-X		-	-	-	070	070	

Subject to changes in design and scope of delivery as a result of ongoing technical development.



Reticle 43 with illuminated dot in the centre



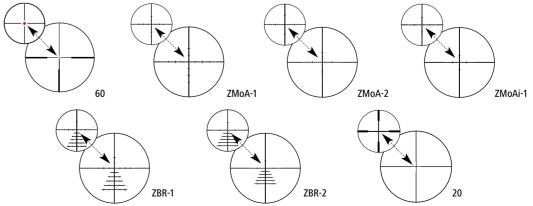
Reticle 54 Perfected for driven hunts



Reticle 60
extremely fine and
bright illuminated dot

Conquest riflescop	pes	V4										
Model		1-4	1-4×24 3-12×56		4-16	5×44	6-24	1×50				
Magnification		1	4	3	12	4	16	6	24			
Effective lens diamete	er	12.1 mm	24 mm	27.7 mm	56 mm	33.2 mm	44 mm	44.9 mm	50 mm			
Exit pupil diameter		11.9 mm	6 mm	9.2 mm	4.7 mm	8.5 mm	2.8 mm	7.5 mm	2.1 mm			
Twilight factor		3.5	9.8	9.1	25.9	11.5	26.5	16.4	34.6			
Field of view		38 m	9.5 m	12.7 m	3.2 m	9.5 m	2.4 m	6.3 m	1.6 m			
Angular field of view,	real	21.5°	5.4°	7.2°	1.8°	5.4°	1.4°	3.6°	0.9°			
Diopter range					+2/-	-3 dpt						
Eye relief					90	mm						
Parallax setting			91.	4 cm			45.7 -	-∞ cm				
Adjustment range at	100 m	300) cm	200) cm	230×	175 cm	230×	175 cm			
Adjustment per click at 100 m		1,4	cm			0.7	cm					
Centre tube diameter		30 mm										
Eyepiece tube diamet	Eyepiece tube diameter			44 mm								
Lens tube diameter	30	mm	62	62 mm 50 mn		mm	n 56 mm					
Coating / (LotuTec® / Nitrogen filled)		yes / yes										
Water resistance		400 mbar										
Operating temperatur	re	-25/+55°C										
Length		256 mm		368 mm		356 mm		368	mm			
Weight	without inner rail	47	0 g	61	0 g	640 g		69	0 g			
Part number	without ill. reticle		-	522	921	522	931	522	951			
(XXXXXX-XXXX-XXXX)	with ill. reticle	522	905	522	925		-	522	955			
Choice of reticles	60	99	060	99	60		-		-			
(XXXXXX-XXXX-XXX)	20		-	99	20	99	20		-			
	ZMOA-2		-		-	99	94		-			
	ZMOA-1		-		-		-	99	93			
	ZMOAi-1		-		-		-	99	93			
	ZBR-2		-		-	99	92		-			
	ZBR-1		-		-		-	99	91			
Bullet drop compensator (ASV) (XXXXXX-XXXX-XXXX)	Ballistic Turret		-		-	08	30	08	30			

Subject to changes in design and scope of delivery as a result of ongoing technical development.



PATHFINDING SOLUTIONS:

ZEISS RANGEFINDER SYSTEM AND BINOCULARS

Victory Rangefinder System	RF System						
Model	8×42	10×42	8×54	10×54			
Magnification	8×	10×	8×	10×			
Effective lens diameter	42	42 mm 54 mm					
Exit pupil diameter	5.3 mm	4.2 mm	6.8 mm	5.4 mm			
Twilight factor	18.3	20.5	20.8	23.2			
Field of view	135 m	115 m	120 m	110 m			
Subjective angle of view	62° Ww	66° Ww	55° Ww	63° Ww			
Close-up setting limit	2.	5 m	3.	5 m			
Diopter adjustment range	+/-:	3 dpt.	+/-:	3 dpt.			
Eye relief	17	17 mm 14 mm					
Pupil distance	53.5-	-76 mm	58.5-	76 mm			
Lens type		F	L				
Prism system		Abbe-	-König				
Coating		LotuTec®/T*					
Nitrogen filling		yes					
Waterproof		400 mbar					
Operating temperature		-25/-	+63°C				
Length	166	i mm	195	mm			
Width with an eye spacing of 65 mm	121	mm	136	mm			
Weight	895 g	915 g	1,095 g	1,115 g			
Measuring range		10-2	,300 m				
Measuring accuracy		±1 to 600/±0.	5 % over 600 m				
Measuring duration		<0.3	3 Sec				
Laser wavelength		905	nm				
Laser beam divergence		1.6×0	0.5 nm				
Battery		1 × 3V T	ype CR 2				
Battery life at +20°C		>2.5	600×				
Order number	52 45 48	52 45 49	52 56 48	52 56 49			
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Subject to changes in design and scope of delivery as a result of ongoing technical development.

Victory binoculars	9	SF		IT	FL		
Model	8×42	10×42	8×54	10×54	8×32	10×32	
	8×	10×	8×	10×	8×	10×	
Effective lens diameter	42	mm	54	mm	32	mm	
Exit pupil diameter	5.3 mm	4.2 mm	6.7 mm	5.4 mm	4 mm	3.2 mm	
Twilight factor	18.3	20.5	20.7	23.2	16	17.9	
Field of view at 1,000 m	148 m	120 m	130 m	110 m	140 m	120 m	
Subjective viewing angle	64°	. Ww	60°Ww	63°Ww	64° Ww	69° Ww	
Close focusing distance	1.5 m		3.5 m		2 m		
Diopter adjustment range	+/	4 dpt.	+/-3 dpt.		+/-4 dpt.		
Exit pupil distance	18 mm		16 mm		15.5 mm	15.2 mm	
Interpupillary distance (PD)	55 – 76 mm		58-76 mm		52 – 74 mm		
Objective type	Ultr	Ultra-FL		FL/HT-Type		FL	
Prism system	Schmid	t-Pechan	Abbe-König		Schmidt-Pechan		
Coating	LotuT	ec®/T*	LotuTec®/T*		LotuTec®/T*		
Nitrogen filled	у	es	yes		yes		
Water resistance	400	mbar	500 mbar		400 mbar		
Operating temperature	-30/	+63°C	-30/+63°C		-30/+63°C		
Length	173	3 mm	193 mm		117 mm		
Width at an interpupillary distance of 65 mm	125	5 mm	142	mm	116 mm		
Weight	78	30 g	1,035 g	1,050 g	550 g	560 g	
Order number	52 42 23	52 42 24	52 56 28	52 56 29	52 32 30	52 32 31	

Subject to changes in design and scope of delivery as a result of ongoing technical development. For more information, please visit **www.zeiss.com/sports-optics**

Victory binoculars	Pocket			
Model	8×25	10×25		
Magnification	8×	10×		
Effective lens diameter	25 mm	25 mm		
Exit pupil diameter	3.1 mm	2.5 mm		
Twilight factor	14.1	15.8		
Field of view at 1,000 m	130 m	105 m		
Subjective viewing angle	60	0		
Close focus	1.9 m			
Diopter adjustment range	+/-3 dpt			
Exit pupil distance	16.5 mm			
Pupil distance	34-74 mm			
Lens type	FL			
Prism system	Schmidt-Pechan			
LotuTec® / nitrogen filled	yes/	yes		
Water resistance	100 m	nbar		
Operating temperature	-25/+	·63°C		
Length	1121	mm		
Width at an interpupillary distance of 65 mm	100 i	mm		
Weight	290) g		
Order number	52 20 38	52 20 39		

Subject to changes in design and scope of delivery as a result of ongoing technical development.

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Conquest binoculars				HD			
Model	8×32	10×32	8×42	10×42	8×56	10×56	15×56
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 m	140 m	118 m	128 m	115 m	125 m	115 m	80 m
Subjective viewing angle	64° Ww	68° Ww	59°	66° Ww	57°	66° Ww	69°Ww
Close focus	1.5 m		2 m		3.5 m		
Diopter adjustment range	+/-4 dpt		+/-4 dpt		+/-4 dpt		
xit pupil distance	16 mm		18 mm		18 mm		
Pupil distance	54-7	54 – 74 mm		74 mm	54 – 74 mm		
ens type	HD		H	ID	HD		
Prism system	Schmid	Schmidt-Pechan		Schmidt-Pechan Abbe-König			
Coating	LotuTe	LotuTec®/T*		LotuTec®/T* LotuTec®/T*			
litrogen filled	у	yes		es	yes		
Nater resistance	400	400 mbar		mbar	400 mbar		
unctional temperature	-20/	-20/+63°C		+63°C	-20/+63°C		
ength.	132	132 mm		mm	210 mm		
Nidth at an interpupillary Iistance of 65 mm	118	118 mm		mm		145 mm	
Weight	630 g	630 g	795 g	795 g	1,265 g	1,275 g	1,295 g
Ordernumber	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.

Terra binoculars			E	D		
Model	8×25	10×25	8×32	10×32	8×42	10×42
Magnification	8×	10×	8×	10×	8×	10×
Effective lens diameter	25	mm	32	mm	42	mm
Exit pupil diameter	3.1 mm	2.5 mm	4.0 mm	3.2 mm	5.3 mm	4.2 mm
Twilight factor	14.1	15.8	16.0	17.9	18.3	20.5
Field of view at 1,000 m	119 m	97 m	135 m	112 m	125 m	110 m
Subjective angle of view	52°	54°	61°	61°	56°	60°
Close-up setting limit	1.9 m		1.6 m		1.6 m	
Diopter adjustment range	+/-3 dpt		+/-3 dpt		+/-3 dpt	
Exit pupil distance	16 mm		16.5 mm		18 mm	15 mm
upil distance	35-72 mm		56-74 mm		58 – 75.5 mm	
ens type	ED		ED		E	D
Prism system	Schmidt-Pechan		Schmidt-Pechan		Schmidt	-Pechan
Coating	Hydrophobic ZEISS mC		Hydrophobic ZEISS mC		Hydrophobic ZEISS mC	
litrogen filled	yes		yes		yes	
Vater resistance	100 mbar		100 mbar		100 mbar	
Operating temperature	-20/+63°C		-15/-	+60°C	-15/-	+60°C
ength	111 mm		125	mm	142	mm
Nidth with an eye spacing of 65 mm	115 mm		117	mm	120	mm
Veight	310 g		51	0 g	72	5 g
Order number black / green			52 32 03-99 08	52 32 04-99 08	52 42 03-99 08	52 42 04-99 (
black/black			52 32 03-99 01	52 32 04-99 01	52 42 03-99 01	52 42 04-99 (
grey / grey	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 0

Subject to changes in design and scope of delivery as a result of ongoing technical development.

			Мо	nos		
Model	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 at 1,000 m	220 m	180 m	120 m	110 m	88 m	100 m
Subjective viewing angle	38°	41° 51°		29°		
Close focus	0.2 m	0.25 m	0.3 m	3 m	4.5 m	4 m
Diopter adjustment range	+/-4dpt					
Eye relief	12 mm	15 mm 16.5			16.5 mm	
Lens type	Achromat					
Prism system	Schmidt-Pechan —				_	
Water resistance	splash proof					
Functional temperature range	-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 number	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.
Subject to changes in design and scope of delivery as a result of ongoing technical development.

	Binoculars with image stabilisation		
Model	20×60 S		
Magnification	20×		
Lens diameter	60 mm		
Exit pupil diameter	3 mm		
Twilight factor	34.6		
Field of view at 1,000 m	Ww 52 m		
Subjective viewing angle	60°		
Close focus	14 m		
Diopter adjustment range	+/-7 dpt		
Eye relief	13 mm		
Pupil distance	57 – 73 mm		
Lens type	Achromat		
Prism system	Porro		
Water resistance	splash proof		
Functional temperature range	-20/+40°C		
Height × width	275×161 mm		
Weight	1,660 g		
Order number	52 60 00		

Delivery including neoprene carrying strap, eyepiece cover, aluminium case. Subject to changes in design and scope of delivery as a result of ongoing technical development.

	Night Vision
Model	5.6×62 NV
Magnification	5.6×
Lens diameter	62 mm
Field of view at 1,000 m	142 m
Close focus	5 m
Diopter adjustment range	+/-4 dpt
Eye relief	20 mm
LotuTec®	yes
Nitrogen filling	yes
Length \times height \times width	233×100×80 mm
Weight	ca. 1,000 g
Reticle: distance between lines	0.5 m / 100 m
Measuring range	500 m
Order number	52 30 07-9901

Delivery including cordura pouch, carrying strap, eyepiece and lens covers and 2x AA batteries.
Subject to changes in design and scope of delivery as a result of ongoing technical development.



TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS

QUALITY DEMANDED AROUND THE GLOBE:

ZEISS SPOTTING SCOPES

Victory Spotting Scope	Harpia			
Model	85	95		
Focal length of lens	162 mm - 486 mm	174 mm – 523 mm		
Filter thread objective lens side	M86×1	M95×1		
Lens diameter	85 mm	95 mm		
Close focus	3.5 m	4.5 m		
Height×width×length	121×103×384 mm	124×109×408 mm		
Weight without eyepiece	1,934 g	2,078 g		
Waterproof	400 mbar			
Nitrogen filling	yes			
Order number	52 80 47	52 80 57		

Eyepiece			
tion 22-65× 23-70			
7.48	7.48 mm		
63.2-21.0	58.8 – 19.5		
3×			
oupil 2.50-1.31 mm 2.50-1.3			
Ø 53	mm		
71 г	mm		
220 g			
52 80 70			
	22-65× 7.48 63.2-21.0 3 2.50-1.31 mm Ø 53 711		

Including eyepiece and lens cover. All with ZEISS T*-multi-layer-coating.

	Dialyt Spotting Scope		
Model	18-45×65		
Magnification	18-45 ×		
Lens diameter	65 mm		
Exit pupil diameter	3.6-1.4 mm		
Field of view at 1,000 m	40-23 m		
Close focus	10 m		
Lens type	Achromat		
Nitrogen filling	yes		
Water resistance	400 mbar		
Length × height × width	395 × 78 × 76 mm		
Weight	ca. 1,195 g		
Order number	52 80 07		
Order number			

Including eyepiece and lens cover, carrying strap.

Model	Gavia 85
Magnification	30-60×
Lens diameter	85 mm
Exit pupil diameter	2.8 mm – 1.4 mm
Focal length	494 mm
Field of view at 1,000 m	33 m – 23 m
Close focus	3.3 m
Lens type	HD
LotuTec® / Nitrogen filling	yes/yes
Water resistance	400 mbar
Lens thread	M 86×1
Length	396 mm
Weight (incl. eyepiece)	ca. 1,700 g

(incl. eyepiece $30-60\times85$)

Including eyepiece and lens cover.		
Adapter	Order number	
Astro adapter	52 83 45	
Photo lens adapter m49	52 83 48-9901	
Photo lens adapter m52	52 83 48-9902	
Photo lens adapter m58	52 83 48-9903	
ExoLens bracket adapter	52 83 61-9901	

52 80 48-0000-000

NUMEROUS OPTIONS:

ZEISS ACCESSORIES

Model	ExoLens bracket adaptor fo		
Conquest Gavia	52 83 61-9901		
Victory Harpia	52 83 62-9901		
Victory SF	52 83 60-9901		
Victory HT	52 83 60-9902		
Conquest 32/42 HD	52 83 60-9903		
Conquest 56 HD	52 83 60-9904		
Terra ED	52 83 60-9905		
DiaScope Vario-Ocular 15-56×/20-75×	52 83 60-9906		
DiaScope Vario-Ocular 20 – 60×/15 – 45×	52 83 60-9907		

Model	ExoLens Bracket for
Apple iPhone 6/6s	21 86-887
Apple iPhone 7/8	22 16-613
Samsung Galaxy S6/S6 edge	21 88-170

	Tripods	Long balan
Model	Professional	plate
Material	Carbon	
Length closed	ca. 700 mm	for model
Length open	ca. 1,820 mm	Profession: only
Weight	ca. 2,460 g	,
Order number	21 69-972	21 69-974

Model	Carrying case for
DiaScope 65 FL straight view	1778-946
DiaScope 65 FL angled view	1778-968
DiaScope 85 FL straight view	1778-973
DiaScope 85 FL angled view	1778-974
Conquest Gavia 85	2169-979
Victory Harpia 85	2169-976
Victory Harpia 95	2169-977

Model	Astro adapter
for standard astro eyepieces	52 83 85
for 1¼" astronomy telescopes	52 83 86
Astro adapter for DiaScope	52 83 82

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Subject to changes in design and scope of delivery as a result of ongoing technical development.

ZEISS ZEISS ZEISS Hunting Catalogue 2018

TECHNICAL SPECIFICATIONS

WITH PRECISION IN MIND:

ZEISS ACCESSORIES

Bullet drop compensators BDC (ASV)	Order no.
BDC (ASV) LongRange (LR) for Victory V8 $1.8-14\times50$, $2.8-20\times56$ for elevation with new orders	-040
for elevation and windage with new orders	-050
BDC (ASV) Competition for Victory V8 4.8–35×60 for lateral with new orders	-050
BDC+ (ASV+) for Victory HT for elevation with new orders	-010
for elevation and windage with new orders	-020



Throw lever	Order no.
for Conquest V4	2248-168
for Conquest V6	2224-899

BDC (ASV) V6 for Conquest V6 for elevation with new orders

Flip cover for Victory V8 / Victory HT	Order no.
Ø 30 mm	2152-898
Ø 50 mm	2105-737
Ø 56 mm	2105-798
Ø 60 mm	2173-926



Neoprene cover	Order no.
for Victory V8/Victory HT Ø 50 mm	1447-655
for Victory V8/Victory HT Ø 56 mm	1392-256
for Victory V8 Ø 60 mm	2175-139

		Protective cap for riflescopes
Rubber light shield (not for V8)	52 83 75	please state the exact model
Battery cover		Elevation cap
for spare battery (battery container)	52 16 24-8009	please state the exact model

IMPROVED PERFORMANCE:

ZEISS ACCESSORIES

Tripod adapter	Order no.
Binofix universal tripod mount for all binocular models	52 83 87
Tripod adaptor ¼" for Conquest HD (included in HD 15×56 delivery)	52 83 88



Binofix universal tripod mount



Tripod adaptor 1/4"

Adaptor for magnification attachment

Magnification attachment Mono 3×12	Order no.
Including carrying strap and leather pouch; triples normal binocular magnification	52 20 12

Adaptor for magnification attachment	Order no.
SLR camera adapter (see picture)	52 83 77
1" flashlight mount	52 83 79
Min Maglite adapter	52 83 83



Accessories for Victory NV 5.6 × 62	Order no.
SLR camera adapter (see picture)	52 30 06-9007
1"-flashlight mount	52 30 06-9006
Min Maglite adapter	52 30 06-9008

Pouches	Order no.
for Victory SF	2060-069
for Terra Pocket	2197-806
Leather pouch for 20 x 60 S	52 90 83

Cordura bags	Order no.
for Victory HT 42	1980-766
for Victory HT 54	2074-447
for Conquest HD 32 and Terra ED 32	52 90 35
for Conquest HD 42 and Terra ED 42	1976-008
for Conquest HD 56	1379-711

Carrying straps	Order no.
Air Cell comfort straps	52 91 13
Binocular comfort straps	52 91 15



Magnification attachment Mono 3×12





Pouch for Victory SF



Pouch for Terra Pocket



Air Cell comfort straps



Binocular comfort straps

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