

The Ultimate in Nature Observation



New: Victory DiaScope



We make it visible.



With the new Victory DiaScope range Carl Zeiss offers unprecedented perfection in nature observation. The wide field of view opens up new perspectives and a magnification of up to 75x gets you closer to fascinating details than ever before.

The FL concept ensures unparalleled image brightness and brilliance. Intuitive and fast focusing via a single focusing wheel sets new standards in terms of operating comfort, in coarse and fine adjustment mode.

Victory DiaScope

The perfect Zoom into Nature



The Dive Effect

Bringing More Details to Light

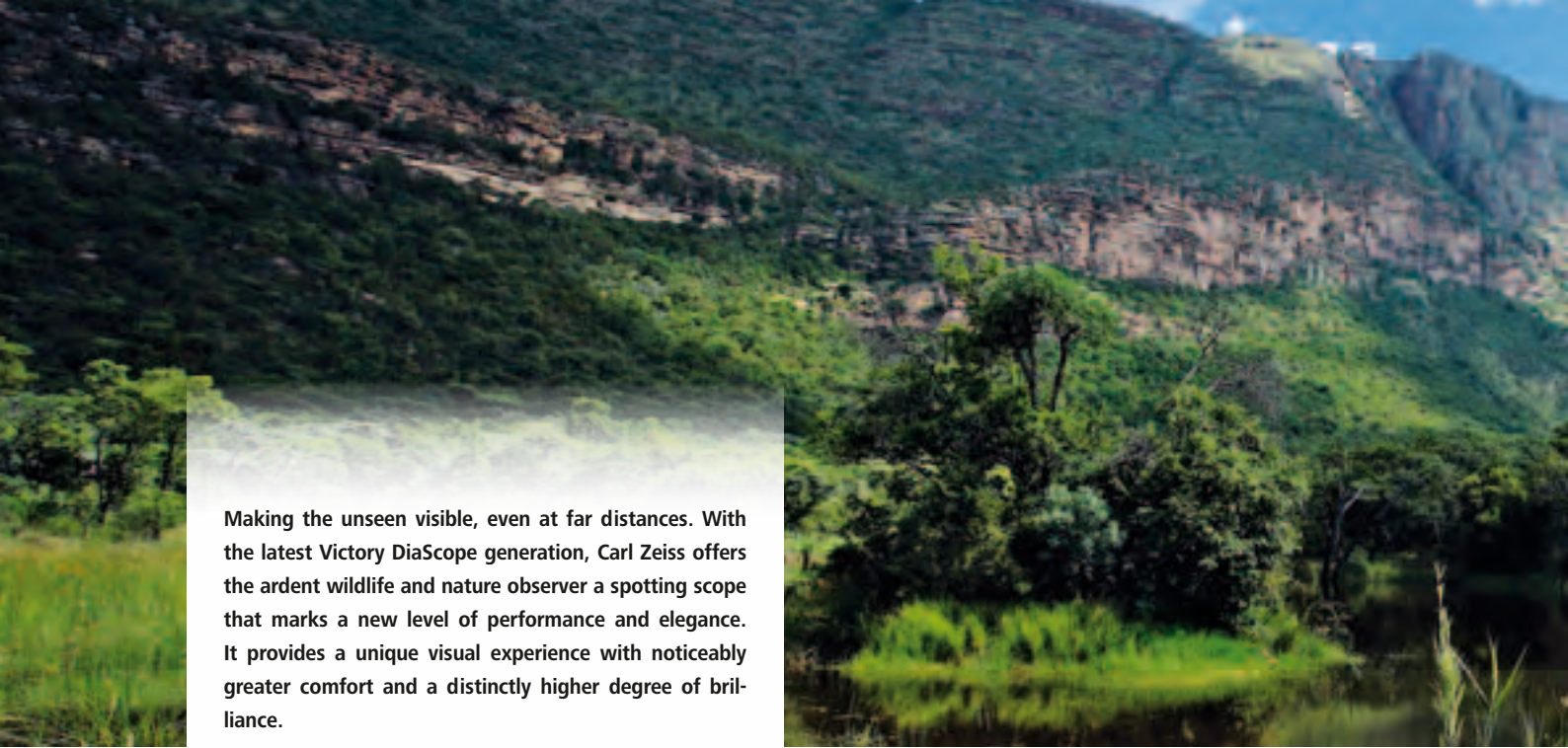
Combined with the new Vario eyepiece, the new DiaScope 65 T* FL and 85 T* FL spotting scopes allow observers to take a deep look into nature, taking them closer than ever to its secrets. Because image brightness, contrast and sharpness also reveal the finest details. This is where the high-performance FL concept clearly demonstrates its potential.



A Turn for the Better

Dual Speed Focus (DSF): Fast and Precise Focusing

Dual Speed Focus permits fast and easy focusing, defining a new dimension in operating comfort. Coarse and fine focusing are controlled by a single focusing wheel and without repositioning cating the hand. Fast coarse focusing or accurate fine adjustment is effected intuitively at the turn of a wheel.



Making the unseen visible, even at far distances. With the latest Victory DiaScope generation, Carl Zeiss offers the ardent wildlife and nature observer a spotting scope that marks a new level of performance and elegance. It provides a unique visual experience with noticeably greater comfort and a distinctly higher degree of brilliance.

A Multitude of Visual Experiences

Broad Spectrum of Application

ZEISS Victory DiaScope Spotting Scopes

New Vario Eyepiece D 15 – 56 x / 20 – 75 x

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The new Vario eyepiece impresses the observer with a magnification range that is up to 25% higher than regular triple zoom lenses. The result is a magnification of up to 75x with the Victory DiaScope 85 T* FL - plus an outstanding field of view.

Reliable Solution

Eyepiece Safety Catch

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At the mere touch of a button the eyepiece can be removed quickly and conveniently with a simple turn. Accidental release is not possible.

Optimum Protection

Noiseless, Resilient Surface

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The tactile, noise-absorbing rubber armour encloses the lightweight, waterproof housing reliably protecting the precision optics against external damage.





Fast Focusing

DSF – Dual Speed Focus

An innovation by Carl Zeiss. Two focusing speeds combined in one control button. The fine mode facilitates extremely accurate image focusing. Larger rotation movements cause the system to change automatically to the fast coarse mode for rapid distance adjustment. Consequently, the intuitive focus function adapts its speed to each requirement - at the quick turn of a wheel.

Bright and Compact

85 mm or 65 mm Lens

The Victory DiaScope 85 T* FL is a class of its own, surprising with image brightness well into twilight. Easy to handle and lightweight, the compact Victory Diascope 65 T* FL is ideal for longer hikes in rough terrain, or in the mountains where it fully lives up to its potential.

Amazing Details

The FL concept

The heart of the high-performance FL concept comprises a unique lens construction featuring high-quality fluoride glass – or FL for short. The observer will be thrilled by stunningly bright, razor-sharp images of a quality never experienced before.



A Consistently Clear View

LotuTec® – Protective Layer for a Clear Vision

The optimised visual experience offered by the Victory DiaScope is entirely independent of weather conditions. The LotuTec® coating on objective and ocular lens serves as an immediate water repellent and ensures residue-free removal of dirt.



The Victory DiaScope Range

The Victory DiaScope range, comprised of four spotting scope models and three eyepieces, impresses with a high degree of versatility. Both the more compact 65 T* FL model and the particularly bright 85 T* FL model

are available with straight or angled viewing to cover all fields of application – from the observation of game and birds to digiscoping and amateur astronomy.

Victory DiaScope 65 T* FL

The lightweight and extremely compact service package for longer hikes. It is perfectly suited for intensive use in the mountains or in difficult terrain.

Victory DiaScope 85 T* FL

The visual superlative with an exceptionally large lens diameter and maximum image brightness for the discerning nature observer who wishes to overcome long distances.



Victory DiaScope 65 T* FL Straight Viewing



Victory DiaScope 85 T* FL Straight Viewing



Victory DiaScope 65 T* FL 45° Angled Viewing



Victory DiaScope 85 T* FL 45° Angled Viewing

DiaScope Spotting Scopes

| | 65 T* FL Straight Viewing | 65 T* FL Angled Viewing | 85 T* FL Straight Viewing | 85 T* FL Angled Viewing |
|-----------------------------|------------------------------------|----------------------------|------------------------------|----------------------------|
| Lens Diameter | 65 mm | | 85 mm | |
| Close-Focus | 4 m | | 5 m | |
| Lens Type | 4-Lens FL Type | | 5-Lens FL Type | |
| LotuTec® | yes | | yes | |
| Nitrogen Filling | yes | | yes | |
| Water Resistance | 400 mbar | | 400 mbar | |
| Length | 300 mm | | 345 mm | |
| Height | 105 mm | | 105 mm | |
| Width | 80 mm | | 97 mm | |
| Weight | approx. 1.100 g | | approx. 1.480 g | |
| Accessories | Tripod | 1778 480 | 1778 480 | 1778 480 |
| | Quick Camera Adapter II | 52 86 12 | 52 86 12 | 52 86 12 |
| | Photo Adapter | 52 80 30 | 52 80 30 | 52 80 30 |
| | 1 ¼"-Astro Eyepiece | 52 83 84 | 52 83 84 | 52 83 84 |
| | 1 ¼" Astro Adapter | 52 83 85 | 52 83 85 | 52 83 85 |
| | 2" Astro-Adapter | 52 83 86 | 52 83 86 | 52 83 86 |
| | Attendance Bag | 1778 946 | 1778 968 | 1778 973 |
| Order Numbers | 52 80 62 | 52 80 63 | 52 80 64 | 52 80 65 |
| Included in Delivery | Eyepiece and Protective Lens Cover | | | |

T* = Carl Zeiss T* multi-layer coating · FL = FL concept

DiaScope Accessories

NEW!



Vario Eyepiece
D 15-56x/20-75x



Vario Eyepiece
D 15-45x/20-60x



Eyepiece
D 30x/40x

One for Every Requirement

The Eyepiece Range

The range is comprised of two variable eyepieces and an eyepiece with fixed magnification. The new Vario eyepiece has greatly extended the field of application of ZEISS spotting scopes. Moreover, there is a choice between the compact Vario eyepiece D 15-45x/20-60x and the eyepiece D 30x/40x with fixed magnification.

All eyepieces by Carl Zeiss are equipped with a bayonet catch, as well as comfortable eye cups and therefore also perfectly suitable for eyeglass wearers.

DiaScope Eyepieces

| | Vario Eyepiece D 15-56x/20-75x | | Vario Eyepiece D 15-45x/20-60x | | Eyepiece D 30x/40x | |
|----------------------------|--------------------------------|-----------------|--------------------------------|-----------------|--------------------|--------------|
| | for 65T* FL | for 85T* FL | for 65T* FL | for 85T* FL | for 65T* FL | for 85T* FL |
| Magnification | 15-56 x | 20-75 x | 15-45 x | 20-60 x | 30 x | 40 x |
| Focal Length | 25,1-6,7 mm | | 25,1-8,4 mm | | 12,8 mm | |
| Field of View | 52-21 m/1.000 m | 40-16 m/1.000 m | 56-26 m/1.000 m | 43-20 m/1.000 m | 40 m/1.000 m | 30 m/1.000 m |
| Exit Pupil Diameter | 4,3-1,2 | | 4,3-1,4 | | 2,1 | |
| Weight | 490 g | | 330 g | | 230 g | |
| Length | 118 mm | | 99 mm | | 77 mm | |
| Diameter | 59 mm | | 56 mm | | 48 mm | |
| Order Numbers | 52 80 68 | | 52 80 67 | | 52 80 66 | |

T* = Carl Zeiss T* multi-layer coating · FL = FL-concept

NEW!

Tripod

The aluminium tripod provides utmost stability and flexibility. It can be combined with all ZEISS spotting scopes and most binoculars. The new tripod head allows for particularly soft panning and tilting, featuring a precise and safe clamping at the same time. Including slideable quick-change plate.



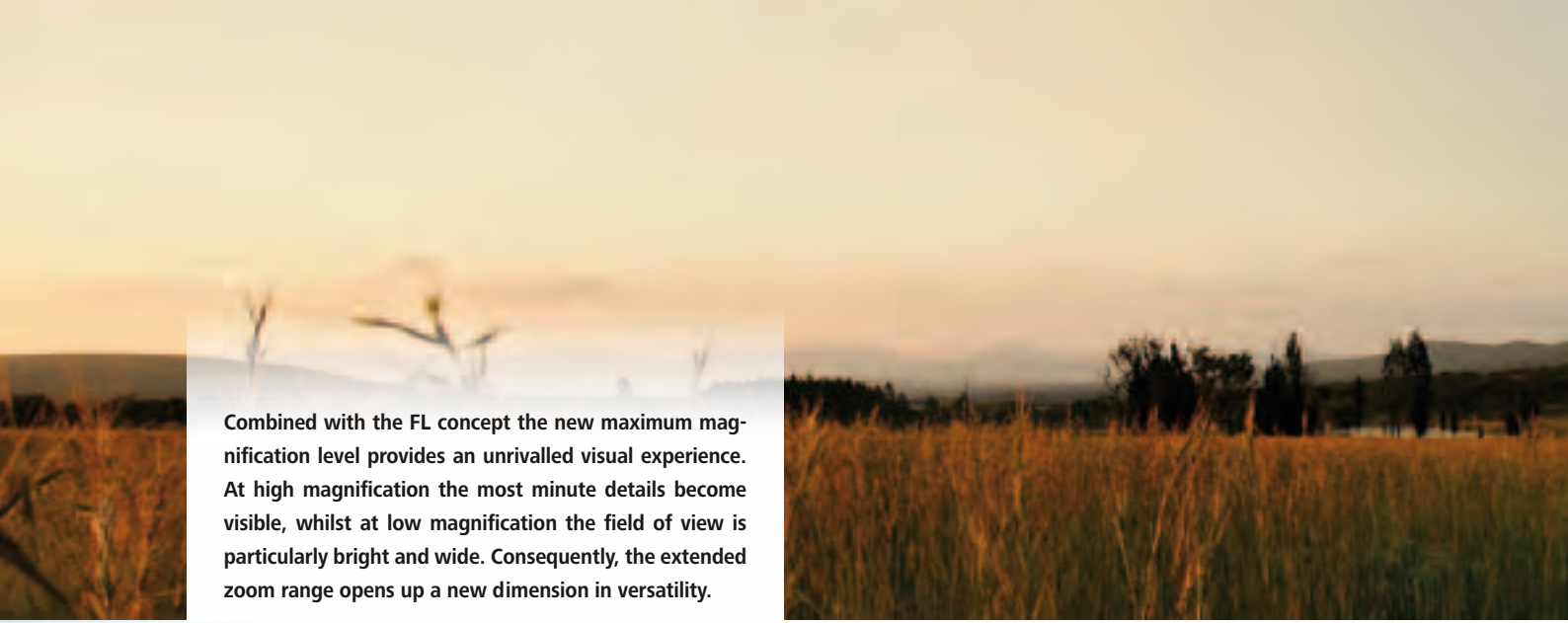
NEW!

Attendance bag

Reliable protection for the use outdoors. Even when using the spotting scope, the noiseless carrying case protects the spotting scope body against external influences. Available for all models in the Carl Zeiss Victory DiaScope range.



Information on additional accessories is available at www.zeiss.de/sportoptics



Combined with the FL concept the new maximum magnification level provides an unrivalled visual experience. At high magnification the most minute details become visible, whilst at low magnification the field of view is particularly bright and wide. Consequently, the extended zoom range opens up a new dimension in versatility.

Greater Versatility

Zoom Eyepiece and the FL Concept

3,75x Zoom

An extended zoom range and high maximum magnification render the new Victory DiaScope generation unique on the market for high-quality telescopic equipment.

The choice between a wide field of view and high magnification providing razor-sharp images opens up new possibilities to experience nature even more intensely.

The new Vario eyepiece offers a 25% greater magnification adjustment range than the regular triple zoom. Infinitely variable magnification ensures optimum flexibility.

NEW!



Vario eyepiece
D 15-56x/20-75x



20x

3x Zoom

Changing from 20x magnification with a wide field of view to 60x magnification with high detail recognition.



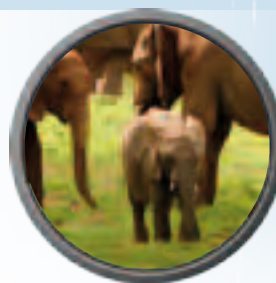
60x



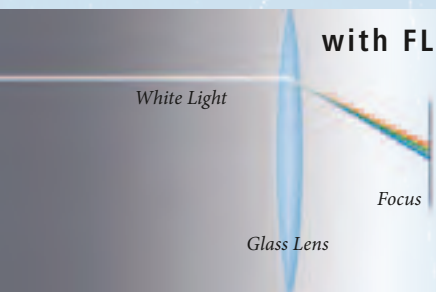
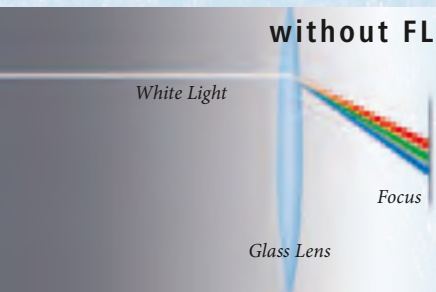
20x

3,75x Zoom

From 20x to 75x magnification - never before has such a giant step in magnification adjustment been possible on a spotting scope.



75x



Above: The view through a standard lens. Chromatic aberrations impair sharpness and contrast levels. In order to emphasise this fact, the effect has been slightly exaggerated.

Below: The view through a FL glass lens. The contours are practically free from chromatic aberrations and the image has a high colour fidelity, meaning that minute details are very easily identifiable.

Amazing Details

Experiencing the abundance of nature down to the smallest detail and with full contrast is a feast for the senses. The ZEISS FL concept impresses with unprecedented brightness and outstanding image sharpness. ZEISS FL optics have set a new standard.



At the heart of the high-performance concept is a unique lens design featuring high-quality fluoride (FL) glass. Thanks to this technology, the observer perceives an image which is free from aberrations.

Combined with the Carl Zeiss T* lens multi-layer coating, the FL lens featured by the ZEISS Victory DiaScope produces impressive image brightness and contrast – even within the upper magnification range.

Visual Enjoyment without Reflections

Advanced Straylight Reduction System

The technology developed by Carl Zeiss to eliminate undesired reflections ensures that contrast-reducing stray light is effectively restrained. It is based on a perfectly adapted combination of stray light apertures and lens coating. In this way, superior imaging capability is guaranteed, even in difficult backlight situations. Nature observers can enjoy an unimpaired visual experience, whether at sunrise, in the midday sun, or at sundown.

The Fascination of **Digiscoping**



Photo Adapter



Digiscoping facilitates the production of impressive nature shots using a compact digital camera or a SLR camera and the spotting scope. For this purpose Carl Zeiss offers two exceptionally convenient adapter solutions.

Photo Adapter

This adapter is connected to the spotting scope in place of the eyepiece, rendering it super-telescopic with a focal length of up to 1.000 mm at a relative aperture of 1:12. A SLR camera can be adapted using a suitable standard T2 ring.



Quick Camera Adapter II

Quick Camera Adapter II

The swivel mechanism allows for rapid changing between observing and photographing. The extremely solid construction prevents camera shaking, providing sharp photographs at all times.

All in One: Observation and Photography

Victory PhotoScope 85 T* FL

The new PhotoScope is synonymous with perfection in observation and photography. It is the world's first spotting scope with a zoom lens and a fully integrated 7 megapixel digital camera.

The Victory PhotoScope 85 T* FL provides an unprecedented visual experience with wide-field panoramic views and compelling, high-quality images. Breathtaking images can be captured immediately at the touch of a button. The high-performance FL lens allows for exceptionally brilliant telephotography at long focal lengths, as well as stunningly detailed photography at super-telescopic focal lengths.



reddot design award
winner 2009

Detailed information on the
ZEISS PhotoScope is obtainable at
www.zeiss.de/sportsoptics



Carl Zeiss Sports Optics

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