

Тепловизионные системы DTI 6/20, DTI 6/40, DTI 3/35, DTI 3/25, DTC 3/25, DTC 3/38, монокуляры, подзорные трубы Victory Harpia, Conquest Gavia, Dially, Victory Night Vision, Monos, Hunting App

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: zsf@nt-rt.ru || сайт: <https://zeiss.nt-rt.ru/>

HOW THERMAL IMAGING DEVICES WORK.

Thermal imaging devices for hunting applications differ greatly from traditional optical devices for observation, such as binoculars and riflescopes. The optoelectronic devices are more comparable to digital cameras. A thermal imaging camera detects and measures the infrared energy emitted by objects. Using an image processing algorithm, the processor creates a colored representation of the object's temperature based on the signals from the individual pixels. In this context, each temperature value is assigned to a specific color. In addition, thermal imaging photos and videos can be recorded and transmitted via smartphone. Below we explain how they work and their individual components.

Functionality

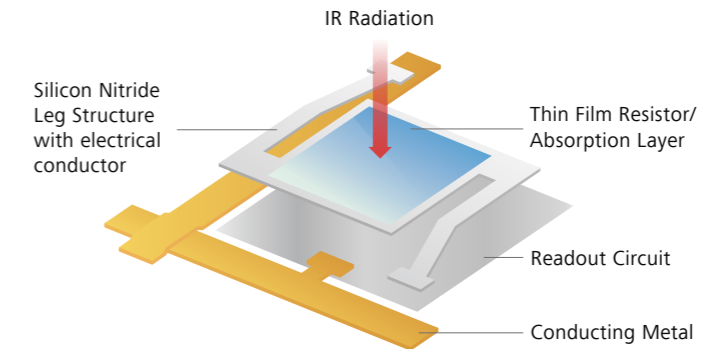
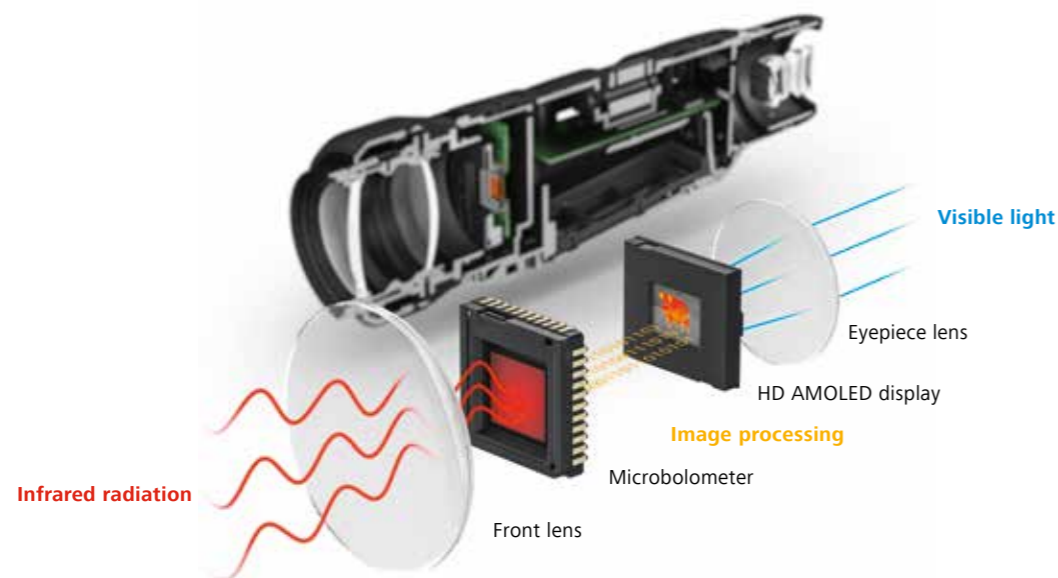
While the light sensitivity of conventional digital cameras lies in the visible range of the human eye, thermal imaging cameras operate in the long-wave infrared range. This allows them to detect the thermal radiation emitted by a body independent of the available visible light, which is why thermal imaging devices can be used both in daylight and in total darkness.

Lens

The lenses are made of germanium, an element which transmits light in the required wavelength range. Germanium is extremely hard and is therefore always used when particularly robust and resistant optics are required.

High-quality eyepiece

Similar to the lens, the thermal imaging device's eyepiece also features high-quality optics. This allows the relaxed eye focused to infinity to view the image shown on the viewfinder display.



Schematic illustration of a microbolometer.

Sensor

The sensor of a thermal imaging camera is known as a microbolometer. This mainly consists of amorphous silicon (ASI) or vanadium oxide (VOx). The electrical resistance of both materials is highly dependent on the temperature.

Adjustable color display

Depending on the area of application and how clearly the hunter wants to be able to recognize individual details in the subject, as well as their personal taste, different display modes (e.g., White Hot, Black Hot, Red Hot, Rainbow) in shades of gray or color can be selected for the image displayed on the thermal imaging camera's color screen. In addition, the overall brightness of the display can be varied to adjust it in order to suit eyes adapted to either light or dark.

Image processing

The electronic signal coming from the sensor is first digitized and then optimized via a complex image processing algorithm and adapted to the respective hunting situation. The perfect compatibility of the hardware components (lens, sensor, display, eyepiece) with the internal signal processing algorithm ultimately determines the visible image quality and how well relevant details can be recognized during an observation.

Shutter

Just like a digital camera, this can be used to control the amount of radiation passing through the lens. This shutter interrupts the infrared radiation that strikes the detector at regular intervals so that the detector can recalibrate itself from time to time. This produces the quiet clicking sound typical of thermal imaging devices.

Auto exposure system/ infrared detector

A thermal imaging camera is equipped with an "auto exposure" system, so to speak – depending on the ambient conditions, i.e., the changing temperature conditions, the temperature differences across the subject being viewed are divided into brightness or color differences in the best possible way. This produces a bright and high-contrast image for the viewer under all conditions. The resulting image does not reproduce the original colors of the object, but only shows temperature differences. The greater the temperature differences between the observed object and the environment, the more clearly its details and edges can be seen. In this process, the camera's image processing algorithm automatically adjusts the brightness and contrast.



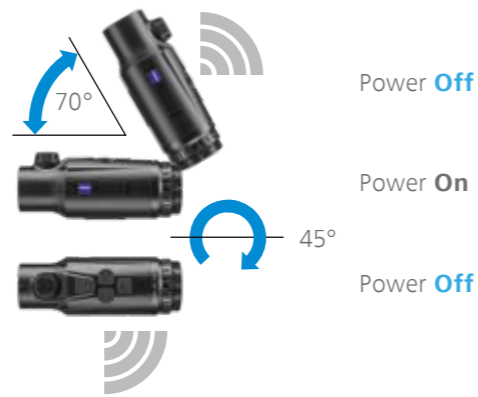
Example of use – observe prohibitions in gun and hunting laws!

ACCURATE. DURING NIGHT HUNTING. INTUITIVE AND CUSTOMIZABLE. ZEISS DTC 3

The ZEISS DTC 3 Thermal Imaging Clip-Ons stand out thanks to their best-in-class optics, outstanding ease of use, and intelligent features – for maximum hunting success at night.

Not only the darkness, but the fog and cold are special challenges hunters regularly face when hunting at night. With the ZEISS DTC (Digital Thermal Clip-On) 3/25 & 3/38, hunters are prepared for any situation, no matter how demanding, and can count on the best optics, a detailed image, intuitive ergonomics, and the greatest possible flexibility – whether in the open field or in the forest.

Sensor-enabled standby mode



The angle sensor automatically detects the exact position of the ZEISS DTC 3 and activates standby mode at a lateral angle of 45° and at a downward or upward angle of 70°. When the hunter brings the weapon back to the firing position, the device automatically exits standby mode.

*The picture shows an example of use that, in connection with firearms, is subject to prohibitions and exceptional caveats under gun and hunting laws. Use in connection with firearms is only allowed if you have a gun/hunting permit. The depicted firearm is not included. You must hold a permit to purchase this item.

PRODUCT PROFILE

RELIABILITY AND PRECISION IN THE DARK.



Customizable

The ZEISS DTC 3 can be connected to the ZEISS Hunting App via Bluetooth and then adapted to your own needs and requirements. In addition, you can save up to four profiles for different riflescopes.



Easy to use

Thanks to the central positioning of the focusing turret and the intelligent layout of the buttons, the ErgoControl operating concept offers outstanding ease of use – both for left-handed or right-handed users and when wearing gloves.



10h
of battery life
in continuous
use!

Always ready

With 10 hours of battery life in continuous use, the ZEISS DTC 3 can be used to observe for particularly long periods. The standby mode activated by the angle sensor additionally extends battery life. The device can even be charged directly in the field via a portable, external power bank.



Fast and precise zeroing

The zeroing assist that can be operated via the ZEISS Hunting App calculates the compensation values after entering the point of impact deviation, realigns the display accordingly and thus automatically centers the reticle. This eliminates the need to calculate clicks and makes the process much faster and hassle-free.



Accurate

Perfectly compatible components and an advanced image processing algorithm enhance night vision for an ethical hunt.



MAXIMUM FLEXIBILITY DURING NIGHT HUNTING WITH THE ZEISS HUNTING APP.

The ZEISS Hunting App offers numerous features, such as the ability to capture, manage, document, and synchronize current happenings and hunting experiences directly from the field. The decisive advantage is that personal settings can also be configured via the app.

Configurable. For personalized hunting experiences.

The ZEISS DTC 3 can be connected to the ZEISS Hunting App via Bluetooth and adapted to your own requirements. One particularly convenient feature is that once the combination of ZEISS DTC 3 and riflescope has been zeroed, the hunter can save the setting as a profile in the app and easily switch the clip-on from one riflescope to the other. The ability to save up to four shooting profiles adds an impressive level of flexibility.



ZEISS HUNTING APP



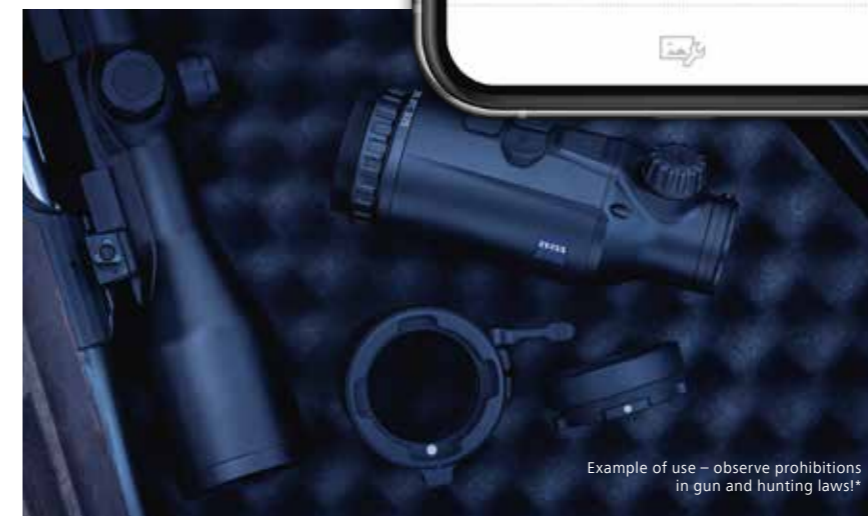
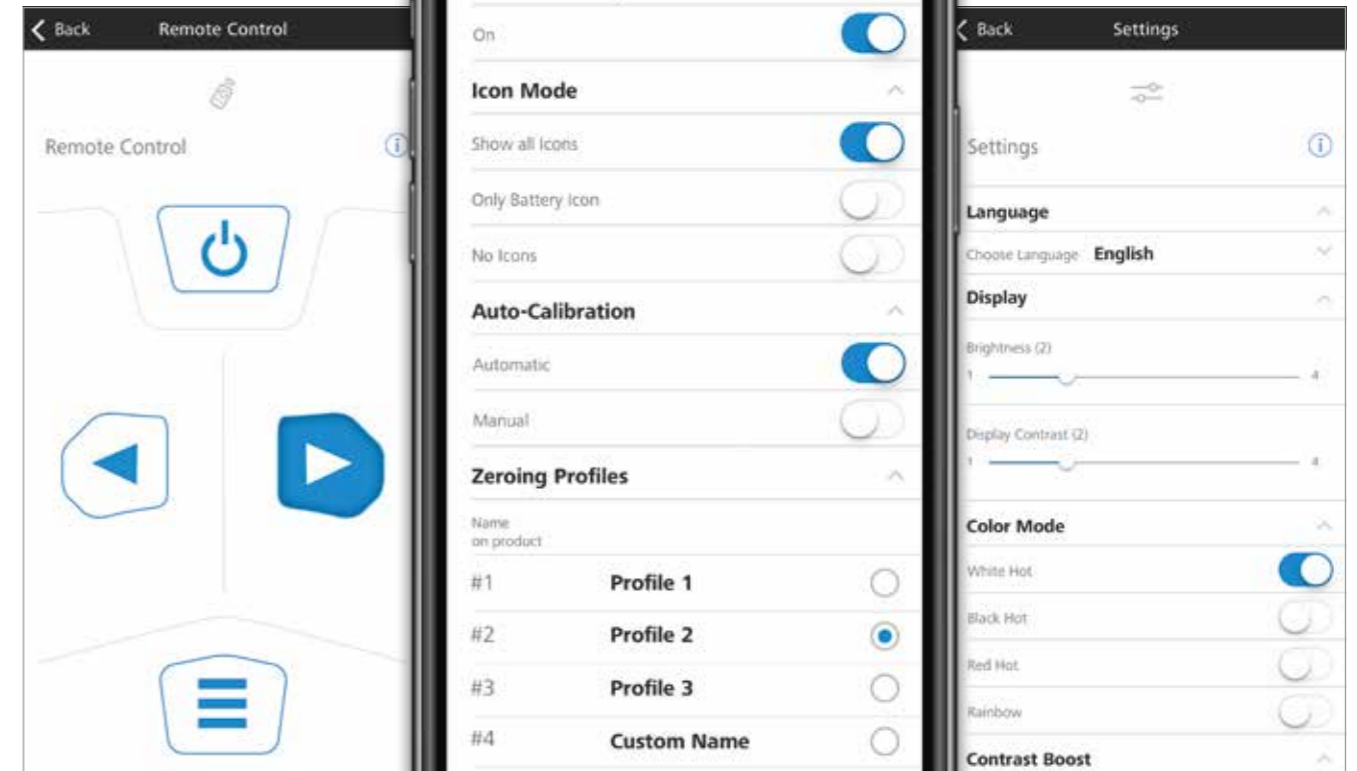
Save up to four zeroing profiles. Capture and share current happenings and experiences right on the spot. It's all possible with the ZEISS Hunting App! Also available as a browser version.

Can be operated via app

The ZEISS DTC 3 can be connected to the ZEISS Hunting App via Bluetooth and then adapted to your own requirements.

For example, hunters can select which icons are displayed on the screen and customize the information presented to suit their needs.

The ZEISS DTC 3's control buttons can also be mirrored onto a smartphone – turning it into a flexible remote control.





IDENTIFY MORE DETAILS.
WITH EXCELLENT IMAGE QUALITY.
ZEISS DTI 6

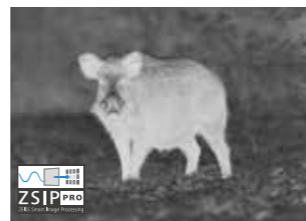
The new ZEISS DTI 6 thermal imaging cameras offer unprecedented image quality that allows you to recognize an exceptional level of detail.

When hunting in the dark, you have to recognize every detail in order to reliably identify your target. The innovative ZEISS Smart Image Processing Pro algorithm (ZSIP Pro) developed by ZEISS, in combination with the 640x480 sensor with 12 micron pixel pitch and the 1024x768 HD AMOLED display, produces particularly high-contrast and detailed images. Identify individual details even more reliably in order to more quickly and reliably identify your target – for maximum hunting success.

ZEISS Smart Image Processing Pro (ZSIP Pro) ★



Standard image processing



ZSIP Pro

The ZSIP Pro image processing algorithm delivers a detailed and clear image thanks to high-precision sharpness and contrast optimization. Each image is divided into equally sized tiles and optimized individually. The image processing algorithm then compares the differences and combines them into a uniform, high-contrast image.

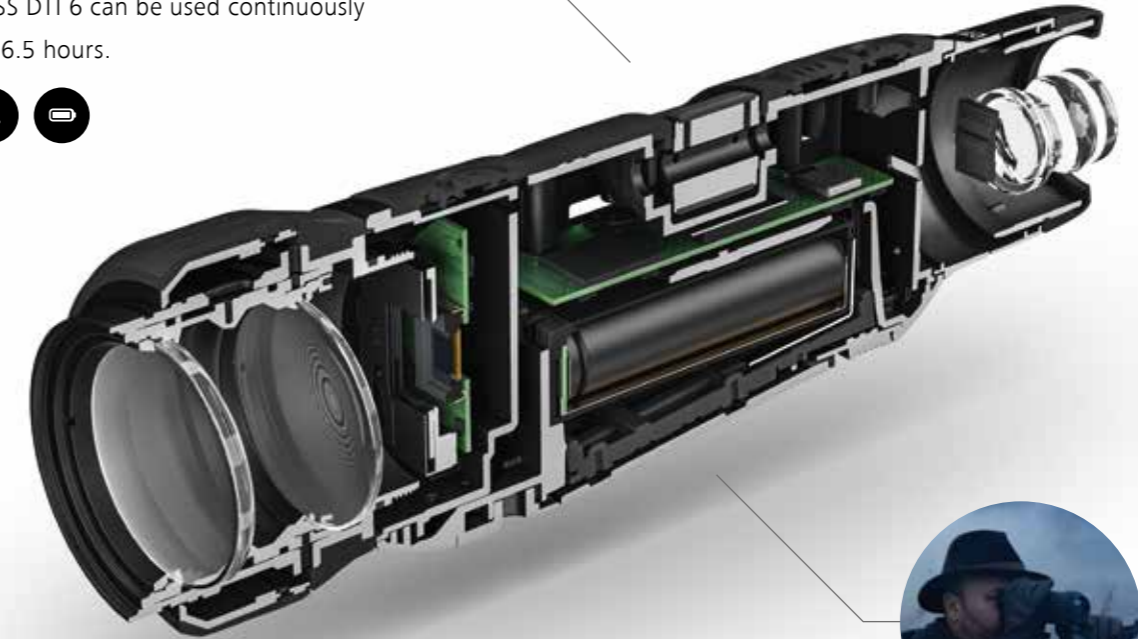
PRODUCT PROFILE

MAXIMUM IMAGING PERFORMANCE
IN COMPLETE DARKNESS.



Revolutionary ergonomics and power management

The ZEISS DTI 6 features intelligent user interfaces designed for rapid interactions when every second counts. Thanks to innovative power management, the ZEISS DTI 6 can be used continuously for 6.5 hours.



Unparalleled image quality

Thanks to its high-end eyepiece, state-of-the-art hardware, and the ZEISS ZSIP Pro image processing algorithm, the ZEISS DTI 6 delivers an impressive viewing experience in all hunting situations.



Outstanding build quality and precision

Thanks to outstanding build quality "Made in Germany" and super-smooth and precise mechanical components, the ZEISS DTI 6 has a premium feel during operation and achieves the best possible thermal performance.

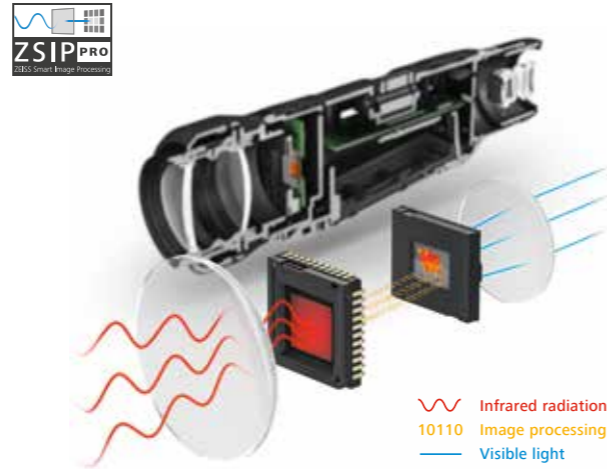


ZEISS DTI 6.

ALL THE FEATURES AT A GLANCE.

ZSIP Pro image processing algorithm

ZSIP Pro uses a three-step image processing algorithm to optimize thermal images. In the first step, unwanted noise is removed from the sensor's output signal. In the next step, the image is divided into sections that are individually optimized with respect to contrast and then adjusted to match each other. In the final processing step, the areas of the image with heat sources are optimized for sharpness. This creates an optimal image with sharp distinctions between the game and its surroundings.



Individual configuration options

With the help of numerous individual configuration options, hunters can make the DTI 6 thermal imaging camera their very own. From selecting your preferred zoom speed to adjusting the duration of the standby timer and the status LED configuration to creating your own color palettes, the ZEISS DTI 6 can be customized to suit your specific needs – and the configuration can be saved as one of up to five different observation profiles.



Predefined observation modes

There are four predefined viewing programs (Universal, Fog, Detect, Identify) that allow hunters to quickly and perfectly tailor the ZEISS DTI 6's image to the situation at hand.



Mode "Universal"



Mode "Fog"



Mode "Spot"



Mode "Identify"

For illustration purpose only.

OPTICAL EXPERTISE

DynamicZoom Concept

The DynamicZoom Concept enables fast and precise zooming to reliably identify targets. Hunters can find the right magnification level at any distance, allowing them to quickly select their perfect combination of zoom and level of detail for the distance at which they are currently observing.



Interchangeable lens for any hunting situation

The ZEISS DTI 6 can be used with a 20mm focal length lens and a 40mm focal length lens. Thanks to a screw thread, the ZEISS DTI 6 lenses can be easily swapped out, allowing the camera to be adapted to any hunting situation quickly and easily.



Power management

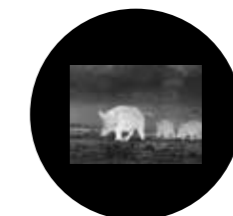
The ZEISS DTI 6's removable battery delivers 6.5 hours of continuous observation time. In addition, a special feature – Touchless Standby – saves valuable battery power. When this feature is activated, a built-in proximity sensor on the viewfinder automatically switches to standby mode after a few seconds when the viewfinder is moved away from the eye. When the viewfinder is once again placed against the eye, the device automatically switches back to observation mode. In addition, the ZEISS DTI 6 can also be charged via a power bank, which provides additional peace of mind when out in the field at night.



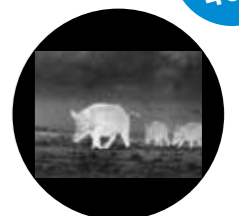
OPTICAL EXPERTISE

The most impressive viewing experience on the market

The ZEISS DTI 6 models feature a field of view that almost completely fills up the display, creating an extremely immersive viewing experience. Numerous competing models don't offer this benefit and therefore have a much smaller effective field of view.



Viewing experience with competing model



Immersive viewing experience with ZEISS DTI 6

Subjective field of view of 40%

MAXIMUM PERFORMANCE FOR FOR MAXIMUM HUNTING SUCCESS. ZEISS DTI 6.



6.5h
battery life +
removable
battery!

The highlights of the ZEISS DTI 6.

- Innovative ZEISS Smart Image Processing Pro (ZSIP Pro) algorithm.
- 640×480 sensor with 12 micron pixel pitch.
- 1024×768 HD AMOLED display.
- 1.5×/3.0× optical magnification and up to 10× digital zoom.
- Specially designed eyepiece for an ultra-immersive viewing experience.
- Removable battery (6.5-hour battery life).
- Made in Germany.



ENHANCE YOUR EXPERIENCE. WITH PERFECT ACCESSORIES.

CHARGING ACCESSORIES



Rechargeable li-ion battery

High-quality lithium-ion battery with a capacity of 3,200 mAh for long periods of observation with the ZEISS DTI 6. Practical as an additional battery when a power grid isn't available to charge the thermal imaging camera.



Charging cradle

This charging cradle from ZEISS makes it easy to charge the DTI 6 battery. The charging cradle is lightweight, fits in any pocket, and fully charges the battery in only 180 minutes*.

*USB-C at 15 W (5V/3A)

OPTICAL ACCESSORIES

Interchangeable 20 mm lens

Equipped with the 20 mm lens, the ZEISS DTI 6/20 is ideally suited for observing game in forested areas.



Interchangeable 40 mm lens

The long 40 mm focal length of the ZEISS DTI 6/40 offers a longer range for use in the open field.



ZEISS HUNTING APP

Stay connected – with the ZEISS Hunting App.

Depending on the thermal imaging device, the ZEISS Hunting App offers a variety of benefits and features.

With the ZEISS DTI 3 models, you can manage and share photos and videos via the app and follow hunting experiences in the live stream. The ZEISS DTI 6 thermal imaging cameras and DTC 3 thermal imaging clip-ons can also be programmed and customized using the app. You can save up to five personal profiles in the app. To ensure that the software is up to date, we continuously work on firmware updates for all of our thermal imaging devices and make them available via the ZEISS Hunting App.

VIEW THE NIGHT IN **DETAIL.**

ZEISS DTI 6/20 & DTI 6/40.



ZEISS DTI 6/20

The ZEISS DTI 6/20 is the perfect thermal imaging device for hunting in forested areas. With an impressive field of view of 38m/100m, it delivers a perfect overview at short distances, making precise observation, reliable identification, and thus the greatest hunting success possible.



A clearer view when hunting in the forest – the ZEISS DTI 6/20 offers an excellent overview in forested areas with a focal length of 20 mm.

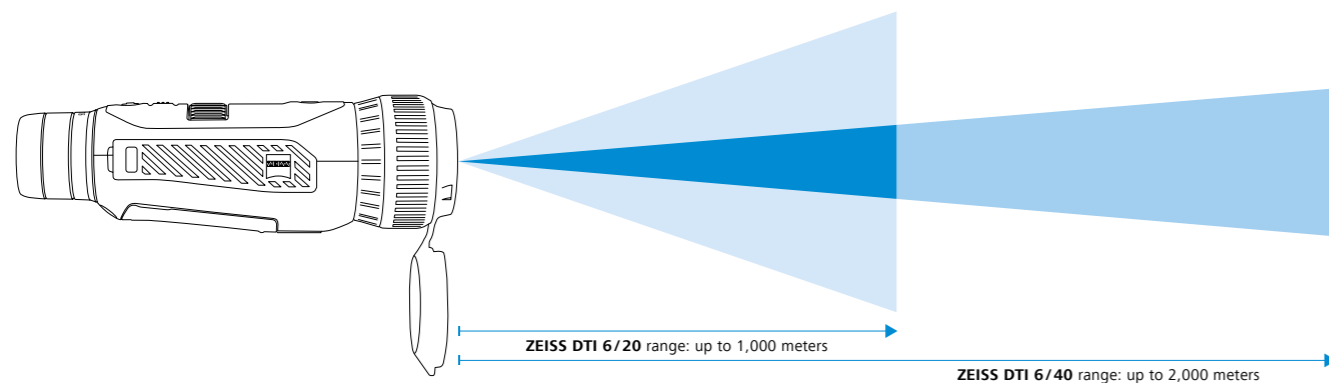


ZEISS DTI 6/40

The ZEISS DTI 6/40 has been designed specifically for hunting in the open field and, with a range of up to 2 km and 3x optical magnification, ensures that details are easily identifiable, even at longer distances.



Identify details at greater distances – with a focal length of 40 mm, the ZEISS DTI 6/40 also makes it possible to detect distant game in the field.



TECHNICAL SPECIFICATIONS.

Model	Thermal Imaging Camera	
	ZEISS DTI 6/20	ZEISS DTI 6/40
Optics		
Focal length	20 mm / F1.0	40 mm / F1.0
Lens type	Germanium	
Range	~ 1,000 m	~ 2,000 m
Eyepiece field of view in ° (subjective field of view)	Diagonal: 40°	
Lens field of view in m at	38 m	19 m
Lens side field of view in ° (horizontal x vertical)	22° x 16°	11° x 8,2°
Optical magnification	1.5x	3.0x
Maximum digital zoom	10x	
Variable zoom increments	0.1x – 1.0x	
Sensor		
Sensor resolution	640 x 480 px	
Sensor pixel pitch	12 µm	
Frame rate	50 Hz	
Display		
Display resolution	1024 x 768 px	
Display type	HD AMOLED	
Electronics		
Interfaces	USB: charging + data transfer WLAN: data transfer Bluetooth: data transfer	
Battery	Lithium-ion	
Battery life	6.5 hours	
External power supply	5V/3A, 9V/2A, 12V/1.5A (USB)	
Internal memory	16 GB	
Video/image/livestreaming feature	Yes	
WLAN frequency	2,4 GHz	
WLAN standard	IEEE 802.11b/g/n	
Connection to other devices	ZEISS Hunting App/USB	
General		
Ingress protection rating	IP 65 / IP 67	
Operating temperature range	-20 °C / +50 °C (-4 °F / +122 °F)	
Length x width x height	230 mm x 62 mm x 68 mm	228 mm x 69 mm x 73 mm
Weight	690 g	755 g
Order number	527020-9901	527020-9902

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

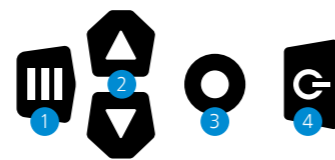


HANDLE THE NIGHT. INTUITIVE AND ERGONOMIC. ZEISS DTI 3

The ZEISS DTI 3 models – technologically innovative optical devices for the night in familiar ZEISS quality and a one-of-a-kind, ergonomic design.

Hunting at night is a special experience for many hunters – but one that places high demands on the equipment used. With its DTI 3 thermal imaging cameras, ZEISS always offers the right optical devices for nighttime hunting. Designed by hunting experts specifically for hunting, they produce detailed images to accurately identify targets, even in the dark.

ErgoControl Concept



- 1 Menu | Color Modes
- 2 Zoom | Menu Navigation
- 3 Video | Photo
- 4 On/off button

Thanks to the intelligently positioned buttons, all of the functions can be controlled intuitively. The perfectly shaped controls can be quickly identified – even in the dark or when wearing gloves.

PRODUCT PROFILE

DETAILED IMAGES – EVEN IN TOTAL DARKNESS.



Precise zoom

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



Enhanced camouflage

Thanks to the LED Off feature, the device's status display can be switched off manually, thus preventing the game from noticing the light – whether when stalking or hunting.



With an extra-long 10h of battery life!

Extra long battery life

With an impressively long battery life of 10 hours, the ZEISS DTI 3 holds enough charge for two to four hunts. The standby feature conserves battery power by automatically shutting off the thermal imaging camera after 60 minutes of inactivity.



Outstanding optics in familiar ZEISS quality

The high-resolution 1280x960 pixel HD-LCOS display delivers detailed images – even in total darkness.



HANDLE THE NIGHT – THANKS TO INTUITIVE ERGNOMICS.

The ZEISS DTI 3 models owe their outstanding optical performance to the fact that the lens, sensor, electronics, screen, and eyepiece are all perfectly compatible. Above all, however, the DTI 3 family of thermal imaging cameras stands out thanks to its unique ergonomics – the ErgoControl operating concept, with its intelligently positioned buttons, makes it easy to intuitively activate all of the device’s functions.

The perfect ergonomic design offers excellent handling in cold and dark conditions and ensures that both right-handed and left-handed users can operate the device comfortably.

Perfect ergonomics

Thanks to the ErgoControl operating concept with its intelligently positioned buttons, all of the functions can be controlled intuitively.



ErgoControl Concept for intuitive operation

Contrast enhancement in foggy conditions

The Contrast Boost feature maximizes contrast to see as much detail as possible, even in foggy or humid conditions.



Contrast Boost Off



Contrast Boost On



Improved focusing

In picture-in-picture mode, a focus frame highlights the enlarged image section. For improved focusing and a successful, ethical hunt.



Picture-in-picture mode



AREAS OF EXPERTISE COMBINED.

Developing ZEISS thermal imaging products involves combining expertise from a wide range of areas at ZEISS – such as an innovative spirit when it comes to image processing and the development of cutting-edge hardware – with over 130 years of experience in hunting and photography. All this has made it possible to develop thermal imaging devices that stand out for their superior image quality and uniquely intuitive ergonomics.

Would you like to learn more about how ZEISS thermal imaging products are developed? Want to find out how infrared signals become images? And what to look for when buying a thermal imaging camera or thermal imaging clip-on? Then follow us on social media, where we regularly share cinematic glimpses of ZEISS’ thermal imaging expertise or visit our website.

VIEW THE NIGHT IN DETAIL. ZEISS DTI 3/35 & DTI 3/25.



ZEISS DTI 3/25

Whether in wooded areas or at the bait site – this high-quality thermal imaging system offers a wide field of view of 26 meters at a range of 100 meters. Thanks to its outstanding optics, the ZEISS DTI 3/25 thus provides a perfect overview that reliably detects heat sources, especially at short distances.



The ZEISS DTI 3/25 offers an extremely wide field of view of 26 meters at 100 meters, making it ideal for hunting in wooded areas or at the bait site.



ZEISS DTI 3/35

Whether for observing and tracking or to more quickly and accurately identify game, this high-quality thermal imaging system ensures that hunters can precisely recognize details even at distances of more than 1,200 meters. As a result, the ZEISS DTI 3/35 gives hunters a considerable advantage when stalking at night or when hunting over long distances from a raised hide in a field.



Thanks to a range of up to 1,200 meters, the ZEISS DTI 3/35 is ideal for hunting from a raised hide in a field over long distances.



TECHNICAL SPECIFICATIONS.

Model	Thermal Imaging Camera	
	ZEISS DTI 3/35	ZEISS DTI 3/25
Optics		
Focal length	35 mm / F1.0	25 mm / F1.0
Lens type	Germanium	
Range	~ 1,235 m	~ 880 m
Eyepiece field of view in ° (subjective field of view)	Diagonal: 30.25°	Diagonal: 30.25°
Lens field of view in m at 100 m	Horizontal: 19 m	Horizontal: 26 m
Lens side field of view in ° (horizontal × vertical)	10.7° × 8°	15° × 11°
Optical magnification	2.5 ×	1.8 ×
Maximum digital zoom	4 ×	
Zoom increments	In 0.5 × increments from 1.0 × – 4.0 ×	
Sensor		
Sensor resolution	384 × 288 px	
Sensor pixel pitch	17 μm	
Frame rate	50 Hz	
Display		
Display resolution	1280 × 960 px	
Display type	LCOS	
Electronics		
Interfaces	USB: charging + data transfer WLAN: data transfer	
Battery	Lithium-ion	
Battery life	10 h	
External power supply	5V/3A, 9V/2A, 12V/1.5A (USB)	
Internal memory	15 GB	
Video/photo/livestreaming feature	yes	
WLAN frequency	2.4 Ghz	
WLAN standard	IEEE 802.11 b/g/n	
Connection to other devices	ZEISS Hunting App/USB	
General		
Ingress protection rating	IP 66 (protection against heavy rain)	
Operating temperature range	-10 °C / +40 °C (+14 °F / +104 °F)	
Length × width × height	193 mm × 60 mm × 65 mm	187 mm × 60 mm × 65 mm
Weight	450 g	410 g
Order no.	527010	527011

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

FOCUSING ON THE ESSENTIALS.

Benefits

- Sensor**
- Display**
- Optical quality**
- Digital zoom**
- Power management**
- Connectivity**

Main use

- Raised hide/forest**
- Stalking/forest**
- Raised hide/field**
- Stalking/field**
- Optical magnification**
- Field of view (100 m)**
- Range**

ZEISS thermal imaging cameras

*charging via power bank possible

Model	Resolution	Pixel Size	Display	Optical Quality	Digital Zoom	Power Management	Connectivity	Optical Magnification	Field of View (100m)	Range
ZEISS DTI 3/25	1280 x 960 px	17 micron	HD LCOS	Perfect combination of magnification and detail recognition ContrastBoost function	Fine, gradual zoom adjustment from 1.0x - 4.0x Magnification in 0.5x increments	Rechargeable battery with up to 10 hours of power* Standby mode Auto-off function	WLAN Manage and share photos/videos	1.8x	26 m	880 m
ZEISS DTI 3/35	1280 x 960 px	17 micron	HD LCOS	Perfect combination of magnification and detail recognition ContrastBoost function	Fine, gradual zoom adjustment from 1.0x - 4.0x Magnification in 0.5x increments	Rechargeable battery with up to 10 hours of power* Standby mode Auto-off function	WLAN Manage and share photos/videos	2.5x	19 m	1,235 m
ZEISS DTI 6/20	1024 x 768 px	12 micron	HD AMOLED	ZEISS Smart Image Processing Pro (ZSIP Pro) to perfectly recognize details High-quality germanium lenses	DynamicZoom Concept with 1.0x - 10.0x magnification	Quick-swap battery with up to 6.5 hours of power* Touchless standby Auto-off function	WLAN and Bluetooth Manage and share photos/videos Programmable and customizable via app (five profiles)	1.5x	38 m	1,000 m
ZEISS DTI 6/40	1024 x 768 px	12 micron	HD AMOLED	ZEISS Smart Image Processing Pro (ZSIP Pro) to perfectly recognize details High-quality germanium lenses	DynamicZoom Concept with 1.0x - 10.0x magnification	Quick-swap battery with up to 6.5 hours of power* Touchless standby Auto-off function	WLAN and Bluetooth Manage and share photos/videos Programmable and customizable via app (five profiles)	3.0x	19 m	2,000 m

ZEISS thermal imaging clip-on

ZEISS DTC 3/25	1024 x 768 px	12 micron	AMOLED	High-quality germanium lenses ContrastBoost function	No digital zoom, riflescope magnification can be used	Rechargeable battery with up to 10 hours of power* Angle sensor-enabled standby mode	WLAN and Bluetooth Digital zeroing assistant via app Programmable and customizable via app (four profiles)	1.0x	18.4 m	1,300 m
ZEISS DTC 3/38	1024 x 768 px	12 micron	AMOLED	High-quality germanium lenses ContrastBoost function	No digital zoom, riflescope magnification can be used	Rechargeable battery with up to 10 hours of power* Angle sensor-enabled standby mode	WLAN and Bluetooth Digital zeroing assistant via app Programmable and customizable via app (four profiles)	1.0x	12.3 m	1,950 m

SPOTTING SCOPES FROM ZEISS

RELIABLY FASCINATING. OUR SPOTTING SCOPES.

Nature is always fascinating, even outside hunting season. Anyone who enjoys being outdoors and observing animals in their natural environment and wants to know their hunting grounds like the back of their hand needs the right, reliable gear for this purpose.

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 worldwide and create very special moments in the great outdoors.

Key features of ZEISS spotting scopes at a glance:

A BRIGHT AND
CLEAR VIEW

EASY AND **FAST**
FOCUSING

EXTREMELY WIDE
FIELD OF VIEW

WEATHERPROOF

126
—
127



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.



23x/30x

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).

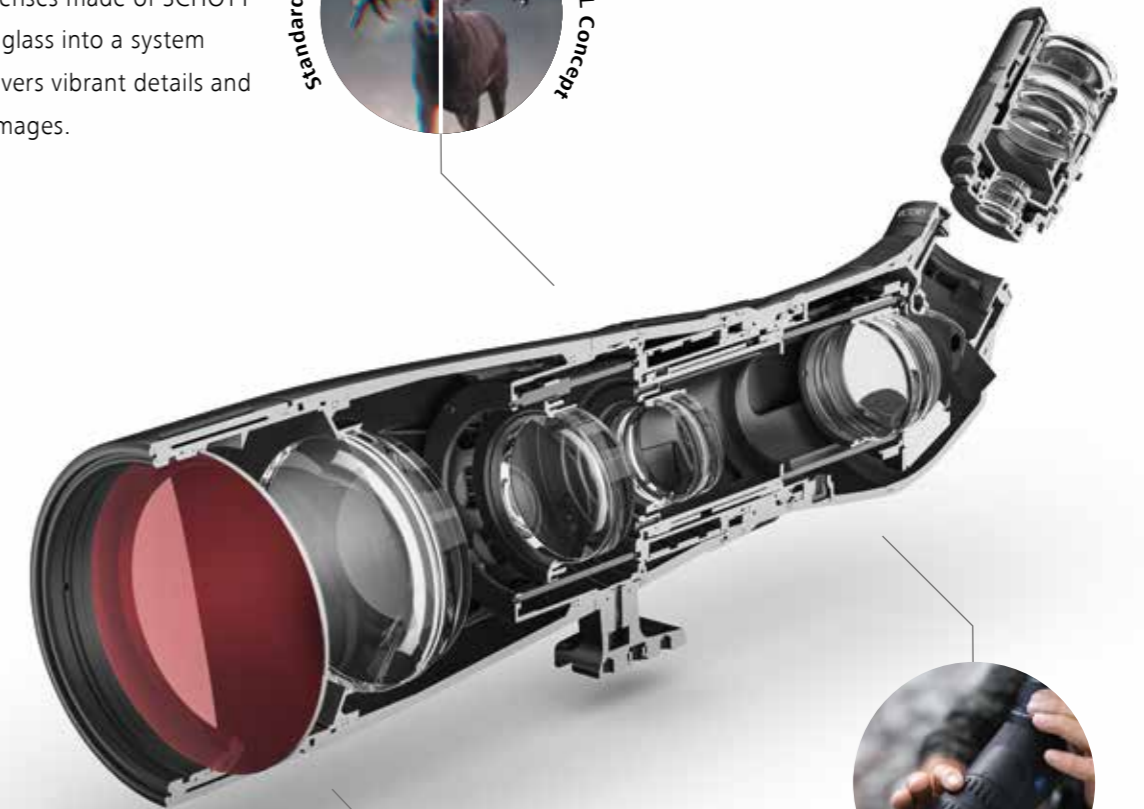
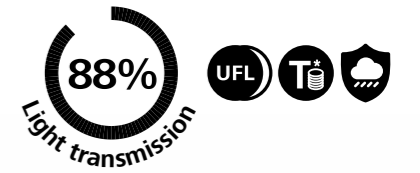
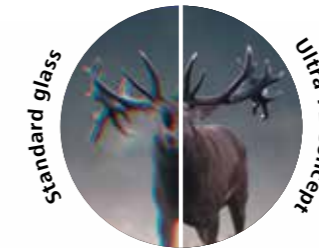
PRODUCT PROFILE



EVEN CLOSER
TO THE HUNTING GROUND.

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

The exceptional lens system features a 3x wide-angle zoom, up to 70x magnification, and a 95 millimeter 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



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.

TECHNICAL SPECIFICATIONS.

Victory spotting scopes	Harpia	
	85	95
Model	85	95
Light transmission	88 %	
Focal length	162–486 mm	174–523 mm
Filter thread on lens	M86 × 1	M95 × 1
Objective 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
Waterproof	400 mbar	
Operating temperature	–25 °C/+63 °C	
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	

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.



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).



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 an entire pack, with the Conquest Gavia 85's 60x magnification, hunters and nature watchers are sure to enjoy the details of nature in any situation.

LotuTec®



Even in wet weather, there are impressive things to see during the hunt. ZEISS developed LotuTec® precisely for this purpose. This is a coating on the lenses that provides unobstructed visibility in all weather conditions.

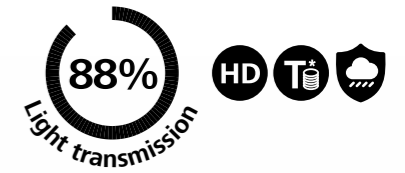
PRODUCT PROFILE

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* multicoining delivers vibrant, high-contrast images.





Gavia 85

The spotting scope with 85 mm 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.



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.



TECHNICAL SPECIFICATIONS.

Model	Gavia 85
Light transmission	88%
Magnification	30–60×
Objective 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
MOD	3.3 m
Lens type	HD
LotuTec® / Nitrogen filling	Yes / Yes
Waterproof	400 mbar
Operating temperature	–20 °C / +63 °C
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

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.



THE IDEAL HUNTING COMPANION.

DIALYT

Hunting in the mountains or in wide, flat country and heavy gear simply don't mix. As a result, when developing the Dialyt, we focused on compact dimensions, low weight, as well as reliability and durability.

Intuitive operation and the rugged rubber armoring in the classic Dialyt design round out the spotting scope's numerous impressive features. All in all, this is the perfect spotting scope for reliable target identification at long distances.



Dialyt

The lightweight, compact "hunting spotting scope" is specially designed for fast and precise target identification at long distances. Reliable functionality, the waterproof, anti-fog design, and ease of use make it the ideal hunting companion.

	Dialyt Spotting Scope
Model	18-45x65
Magnification	18-45x
Objective lens diameter	65 mm
Exit pupil diameter	3.6 mm / 1.4 mm
Field of view (1,000 m)	40 m - 23 m
MOD	10 m
Lens type	Achromatic
Nitrogen filling	Yes
Watertightness	400 mbar
Length x width x height	395 x 78 x 76 mm
Weight	Approx. 1,195 g
Order no.	52 80 07

PRODUCT PROFILE

PRECISION IN HARSH ENVIRONMENTS.



High-performance

The spotting scope impresses with detailed views and allows hunters to accurately identify targets at long distances thanks to its 45x optical magnification.

Lightweight

The compact monoblock design makes the Dialyt waterproof and the ideal companion for stalking and hunting from a raised hide.



136
—
137

ACCESSORIES

Tripod Mount

The Dialyt 18-45x65 can be positioned using a backpack or tree and also features a field-proven tripod mount. For long observations or in the absence of natural supports, we recommend setting up the spotting scope with a ZEISS carbon tripod. A lightweight monopod is another alternative.



Flexible

Bright, detailed views into the twilight hours for an excellent overview in all weather conditions or at any distance.

OUTSTANDING VISIBILITY, EVEN UNDER A NEW MOON VICTORY NV.

Rugged design

The rubber-armored housing is waterproof and nitrogen-filled, effectively protecting the optics and mechanical components from environmental influences.

A perfect combination

The 62 mm lens gathers available light and focuses it onto the high-sensitivity photocathode.



Superior image amplifier tube

The amplifier tube with approximately 20,000 times light amplification contains a microchannel plate (MCP) to generate detailed, high-contrast images at night.



5.6×62 NV

The latest image intensifier tubes use the minimal amount of light available to make the observed game appear 20,000 times brighter. In the absence of light, the built-in IR LED can be activated at the touch of a button. The LED emits infrared light that makes observations with the NV device possible up to a distance of approx. 50 meters. Connecting an additional flashlight with IR filter can extend the illumination range up to several hundred meters.

OTHER OPTICAL DEVICES FROM ZEISS. 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.



AntiFOG Kit

ZEISS AntiFOG spray is applied gently and quickly to the lens of your binoculars, riflescopes, 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.



ZEISS Mono

For detailed observation at sporting events, the theater, or outdoors over long distances – the Mono models 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.

По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: zsf@nt-rt.ru || сайт: <https://zeiss.nt-rt.ru/>