

A man wearing a brown cap, a checkered shirt, and a green quilted vest stands in a field of tall grass. He is holding a pair of black binoculars. A rifle is slung over his shoulder. The background is a dense green forest.

Bright,
Fast and
Accurate

NEW: Victory 8 x 56 T* RF and 10 x 56 T* RF

All in one: High-performance Binoculars,
Laser Rangefinder and Ballistic Information System BIS®



We make it visible.

BIS[®] Ballistic Information System

Once the distance to the target is known, the right aiming point increases the chances of a successful shot. All rangefinders by Carl Zeiss are equipped with the fully integrated ballistic calculator that tells exactly how many centimetres/inches the shooter has to aim higher or lower.

The Ballistic Information System (BIS[®]) generates the ideal aiming point from the chosen ballistic curve and the measured distance. The combination of a lightning fast laser rangefinder and precise ballistic calculator offers unique potential for successful shots even on long distances as well as in unknown terrain.

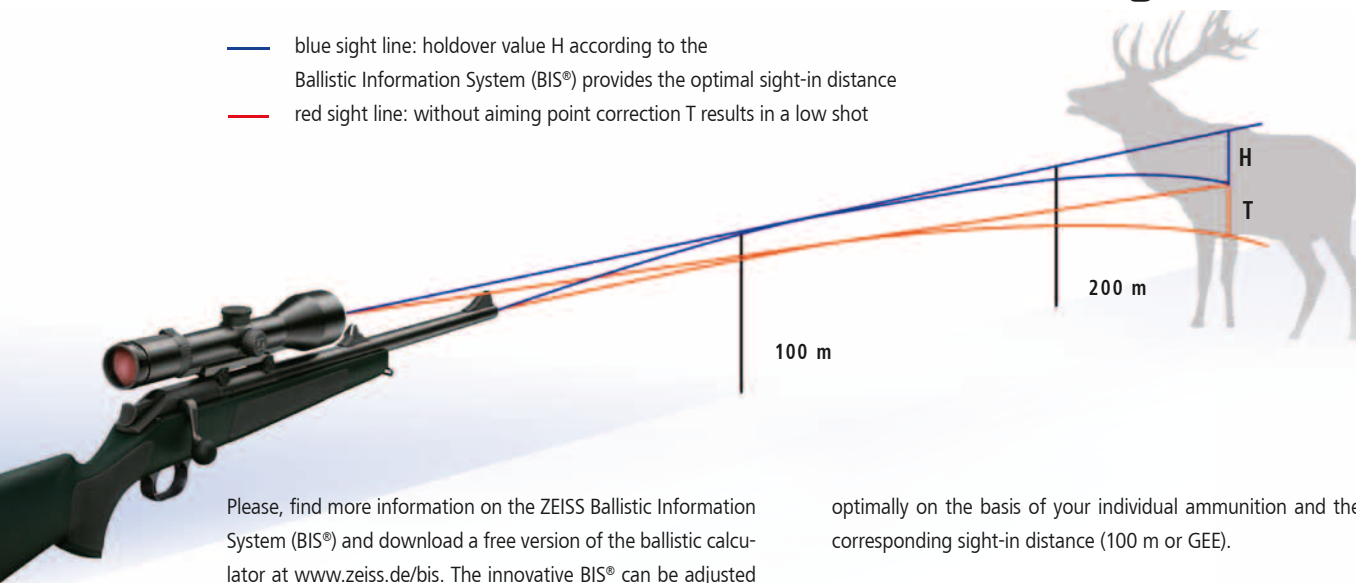


100 m sight-in distance: target point = aiming point (ill. 1).
Trajectory 100 m (ill. 2).

300 m sight-in distance: corrected aiming point using BIS[®] (ill. 3).
Trajectory 300 m (ill. 4).

Determination of the Holdover Value using BIS[®]

- blue sight line: holdover value H according to the Ballistic Information System (BIS[®]) provides the optimal sight-in distance
- red sight line: without aiming point correction T results in a low shot



Please, find more information on the ZEISS Ballistic Information System (BIS[®]) and download a free version of the ballistic calculator at www.zeiss.de/bis. The innovative BIS[®] can be adjusted

optimally on the basis of your individual ammunition and the corresponding sight-in distance (100 m or GEE).

Ballistic curves

| Curve Selection | Distance in Metres | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 |
|-----------------|-------------------------------|-----|------|-------|-------|-------|--------|--------|--------|
| EU 1 | Bullet Drop in Centimetres | 0 | -2.1 | -7.7 | -17.1 | -31.2 | -50.5 | -75.3 | -146.4 |
| EU 2 | | 0 | -2.9 | -10.0 | -22.1 | -39.7 | -63.1 | -94.6 | -184.4 |
| EU 3 | | 0 | -3.3 | -11.4 | -24.6 | -43.3 | -68.1 | -100.9 | -193.2 |
| EU 4 | | 0 | -5.3 | -16.3 | -33.2 | -57.2 | -89.4 | -130.2 | -239.4 |
| EU 5 | | 0 | -6.2 | -18.0 | -38.9 | -67.3 | -104.7 | -151.4 | -275.7 |
| EU 6 | | 0 | -8.1 | -25.0 | -51.7 | -91.4 | -145.8 | -218.1 | -426.1 |

Table: Bullet drop for 100 yards in sight-in distance.



Victory RF

All Competences in One Hand

For the first time in history powerful optics, state-of-the-art laser rangefinding and a Ballistic Information System merge into one opto-electronic, high-performance device. An advanced optical system offers bright, crystal clear images. The extremely fast laser rangefinder measures the target distance within a split second by just

pushing the measuring button once. The Ballistic Information System (BIS®) completes the measured distance shown on the display by providing another crucial information for accurate shooting: The exact holdover value. Victory RF binoculars thus sets totally new standards in hunting optics.



Lightning-fast measurements up to a distance of 1,200 metres. Exact distance display in the field of view. Here: 237 metres.



After the distance is displayed, H 23 appears. The hunter must aim 23 cm over the aiming point on the target.

Key Functions Combined for the First Time

1. High-performance Optics
2. Laser Rangefinder
3. Ballistic Information System BIS®

Carl Zeiss rangefinders provide hunters with all capacities relevant to success. Both the Victory RF as well as the monocular PRF feature the three key functions in a compact unit.

Aim, Measure, Shoot

The rangefinder concept by Carl Zeiss offers a unique combination of speed and accuracy: when pressing the rangefinder button the reticle lights up so that the target can be sighted. After releasing the button, measuring is effected. The measured distance is displayed in the field of view by a self-illuminating LED display. When holding the rangefinder button down for more than 3 seconds, scan mode is activated automatically allowing for continuous measurements with moving targets.

NEW!



Equipped for every situation:
The rangefinder family is now
complemented by the new
Victory 8 x 56 T* RF and 10 x 56 T* RF.



Victory 8/10 x 56 T RF
(Rangefinder)*



Victory 8/10 x 45 T RF
(Rangefinder)*



Victory 8 x 26 T PRF
(Pocket Rangefinder)*

Victory 56 RF

High-performance Binoculars with Laser Rangefinder and BIS®

Rangefinder Button: "One Touch" Principle

Fast, safe and accurate: By pushing the rangefinder button once, measurements of a distance up to 1,200 metres are effected within a split second. When the rangefinder button is pressed, the reticle lights up so that the target can be sighted. After releasing the button, the distance is displayed immediately. When the Ballistic Information System (BIS®) is activated, the holdover value is shown right after the distance. The "One Touch" principle reduces any movement to a minimum when rangefinding.

SET button: Three Functions

The SET button

1. turns the Ballistic Information System (BIS®) on or off.
2. selects the ballistic programme to match load's trajectory.
3. selects the desired unit of measurement (metres/centimetres or yards/inches).

Self-illuminating LED Display

By a push of a button, the LED display is reflected in the field of view and automatically adapts to the brightness of the surroundings. Thus it always provides optimal readability – no matter what the lighting conditions and the background are like.



Victory 8/10x56 T* RF

Observing until the last daylight fades

The most powerful models in the RF product line provide extremely bright, high-contrast and crystal clear images, even in adverse lighting conditions and far into the night. The four lens high-performance objectives are equipped with fluoride glasses.

Combined functions

The rangefinder 56 sets new standards. Lightning fast laser rangefinding based on the "One Touch" principle and the precise determination of the holdover value with BIS® are combined in a compact, high performance binocular.

Ergonomics and design

Compared to conventional binoculars the rangefinder 56 is particularly lightweight: Weighing just approx. 1,150 g, it is the perfect companion for stand hunting by day and night as well as for stalking, mountain hunting or driven hunts.



The innovative construction allows for an ergonomic and compact design. Worldwide the RF are the first binoculars to feature a completely integrated laser emitter. Every hunter will be surprised when holding their compact body and experiencing their intuitive operation. Innovations "Made in Germany".

Victory 8/10x45 T* RF

Universal companion until the night falls

The compact all-rounders feature an extremely wide field of view. Thanks to the 45 mm lenses they are perfectly suitable for all hunting situations – even in deep twilight.

NEW!



Extremely Lightweight, solid Full-metal Magnesium Body

The binocular body is extremely resilient and protected by a shock-absorbing rubber armour. Thanks to its water- and dust-proof construction as well as its nitrogen filling, the rangefinder is designed for extreme conditions and absolutely free of internal fogging.

Strong Performance until the last Daylight fades

Featuring a lens diameter of 56 mm, the new Victory RF high-performance lenses prove to be real "light professionals" when it comes to observing until the last daylight fades. The innovative LotuTec® coating causes water to drip right off and allows for easy cleaning.



RF/PRF Specifications

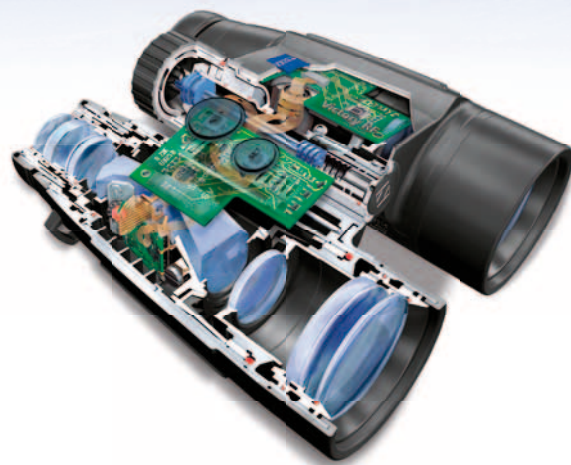
| Technical Specifications | Victory 8x56T*RF | Victory 10x56T*RF | Victory 8x45T*RF | Victory 10x45T*RF | Victory 8x26T*PRF |
|------------------------------|---------------------|----------------------|---------------------|----------------------|----------------------|
| Magnification | 8x | 10x | 8x | 10x | 8x |
| Effective Lens Diameter | 56 mm | | 45 mm | | 26 mm |
| Exit Pupil Diameter | 7 mm | 5.6 mm | 5.6 mm | 4.5 mm | 3.25 mm |
| Twilight Factor | 21.2 | 23.7 | 19 | 21.2 | 14.4 |
| Field of View at 1,000 m/yd. | 115 m/yd. | 110 m/yd. | 125 m/yd. | 110 m/yd. | 110 m/yd. |
| Close Focus | approx. 5 m | | approx. 5.5 m | | – |
| Diopter Adjustment Range | +/- 3.5 dptr | | +/- 3.5 dptr | | +/- 3.5 dptr |
| Exit Pupil Spacing | 17 mm | 16 mm | 16 mm | 15.5 mm | 17.5 mm |
| Pupil Distance | 57 – 76 mm | | 54 – 76 mm | | – |
| Lens Type | 4 lens Achromat | | 4 lens Achromat | | 2 lens Achromat |
| Prism System | Abbe-König | | Abbe-König | | Roof |
| LotuTec® | yes | | yes | | yes |
| Nitrogen Filling | yes | | yes | | no |
| Water Resistance | yes, 400 mbar | | yes, 400 mbar | | yes, 100 mbar |
| Height x Width, approx. | 194 x 139 mm | 191 x 139 mm | 167 x 135 mm | | 130 x 98 mm |
| Weight with Battery | approx. 1,150 g | | approx. 995 g | | approx. 310 g |
| Product No. | 52 56 20 | 52 56 22 | 52 45 16 | 52 45 18 | 52 45 60 |

T* = Carl Zeiss T* Multi-Layer Coating

| Technical Specifications, Laser Rangefinder | Victory 8 / 10x56T*RF | Victory 8 / 10x45T*RF | Victory 8x26T*PRF |
|--|--------------------------------------|--------------------------|-------------------------|
| Laser Class | Class 1 | Class 1 | Class 1 M |
| Laser Wavelength | 904 nm | | |
| Measuring Range* | 10 – 1,200 m, 11 – 1,300 yd. | | |
| Measuring Accuracy | ± 1 m to 600 m ± 0.5% above 600 m | | |
| Measuring Time, max. | approx. 0.5 sec | | approx. 1.5 sec |
| Beam Divergence | 1.6x0.5 mrad | | 4.0x2.0 mrad |
| Battery | 1 x 3V Typ CR 2 | | |
| Battery Life at +20°C | > 10,000 measurements | | > 2,000 measurements |

Accessories for Victory RF Binoculars

| | |
|---------------------------------|----------|
| Mono 3x12 | 52 20 12 |
| Adapter for Mono | 52 83 77 |
| Binofix | 52 83 87 |
| Air Cell Comfort Carrying Strap | 52 91 13 |



Innovative high-performance optics hidden in an unassuming binocular body.

Carl Zeiss Sports Optics

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