

Z8i

ULTIMATE PERFORMANCE.
PERFECTLY DESIGNED.



Slim design, large controls

BTF ballistic turret flex

8x zoom in 30-mm central tube

FLEXCHANGE
Switchable 4A-IF reticle
(depending on model)



Models available:

- Z8i 1-8x24
- Z8i 1.7-13.3x42 P
- Z8i 2-16x50 P
- Z8i 2.3-18x56 P

The Z8i range of rifle scopes offers even greater user flexibility with its large zoom range and the latest technical features. With four different models, which are exclusively available in illuminated versions, a varied range of products for different hunting challenges is offered.

8X ZOOM SECOND TO NONE.

- The 8x zoom range combines a wide field of view with high detail recognition
- Outstanding optical image performance and uncompromising image definition across the whole field of view and at all magnifications
- Exceptional viewing comfort for rapid target acquisition

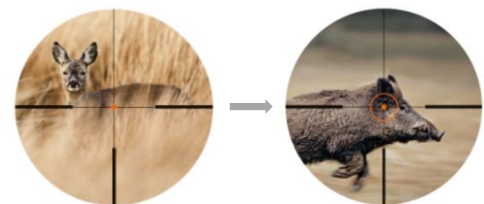
PERFECTLY DESIGNED.

- Slim 30-mm central tube blends seamlessly with any hunting firearm
- Perfectly ergonomic illumination unit with large operating features for quick and reliable handling (Battery in left hand turret, spare battery in right hand turret)

UNLIMITED VERSATILITY.

- **High performance 8x zoom**
 - Impressive versatility and maximum flexibility for all hunting applications

- **4A-IF FLEXCHANGE – the first switchable reticle**
 - Switch on an illuminated ring to the 4A-I
 - Available for the Z8i 1-8x24 and Z8i 1.7-13.3x42 P models



- **BTF ballistic turret flex**
 - Suitable for flexible use as either a top or side turret, removable at any time and without the need for any tools (remove by pressing the middle of the top of the turret with a pen or cartridge)
 - Delivery contents: 1 wide ring with linear scale markings for elevation and 1 for windage, 6 narrow rings (4 with number markings, 2 with point markings – 4 of which can be mounted at any one time)
 - Accessories for BTF: **PBR personalized ballistic ring**
Engravings relate to ammunition-specific data – 3 engraving variants (2 variants in metric/imperial system and one linear MIL scale), configuration in ballistic program



BTF
ballistic turret flex

PBR
personalized ballistic ring



Delivery contents	Functional accessories
<ul style="list-style-type: none"> • Transparent scope covers • Rail cover for SR models • Battery and spare battery • Adhesive label for distance reticle 	<ul style="list-style-type: none"> • BTF ballistic turret flex • PBR personalized ballistic ring • TL throw lever • SLP-O and SLP-E scope lens protector • SG scope guard • CS cleaning set



TL throw lever

Z8i				
	1-8x24	1.7-13.3x42 P	2-16x50 P	2.3-18x56 P
Magnification	1 - 8	1.7 - 13.3	2 - 16	2.3 - 18
Effective objective lens diameter (mm)	8.2 - 24	13.6 - 42	16.3 - 50	18.4 - 56
Exit pupil diameter (mm)	8.1 - 3.0	8.1 - 3.1	8.1 - 3.1	8.1 - 3.1
Eye relief (mm)	95	95	95	95
Field of view (m/100 m) (ft/100 yds)	42.5 - 5.3 127.5 - 15.9	25.2 - 3.1 75.6 - 9.3	21.0 - 2.6 63.0 - 7.8	18.6 - 2.3 55.8 - 6.9
Field of view (degrees)	24.0 - 3.0	14.4 - 1.8	12.0 - 1.5	10.6 - 1.3
Field of view, apparent (degrees)	24.0	24.0	24.0	24.0
Diopter adjustment (dpt)	-3 to +2	-3 to +2	-3 to +2	-3 to +2
Light transmission (%)	93	93	93	93
Twilight factor based on ISO 14132-1	2.9 - 13.9	4.8 - 23.6	5.7 - 28.3	6.5 - 31.8
Impact point correction/click (mm/100 m) (in/100 yds)	10 0.36	10 0.36	10 0.36	10 0.36
Max. elevation/windage adjmt range (m/100 m) (in/100 yds)	2.0 / 1.0 per side 72 / 36 per side	1.5 / 0.75 per side 54 / 27 per side	1.5 / 0.75 per side 54 / 27 per side	1.8 / 0.5 per side 64.8 / 18 per side
Max. elevation/windage adjmt range with BTF (m/100 m) (in/100 yds)	0.7 / 0.35 per side 25.2 / 12.6 per side	0.7 / 0.35 per side 25.2 / 12.6 per side	0.7 / 0.35 per side 25.2 / 12.6 per side	0.7 / 0.35 per side 25.2 / 12.6 per side
Parallax correction (m) (yds)	-	50 - ∞ 55 - ∞	50 - ∞ 55 - ∞	50 - ∞ 55 - ∞
Objective filter thread	M27 x 0.75	M44 x 0.75	M52 x 0.75	M58 x 0.75
Length (mm / in)	301 / 11.9	336 / 13.2	356 / 14.0	364 / 14.3
Weight L / SR illuminated* (g) (oz)	515 / 535 18.2 / 18.9	620 / 635 21.9 / 22.4	675 / 690 23.8 / 24.3	725 / 740 25.6 / 26.1
Central tube diameter (mm / in)	30 / 1.2			
Reticles	4A-I, 4A-IF LD-I, BRT-I	4A-I, 4A-IF 4A-300-I	4A-I, 4A-300-I BRX-I, 4W-I	
BTF ballistic turret flex	70 clicks (1 click = 1 cm/100 m)			
Illumination unit with SWAROLIGHT	Brightness levels	64 (32 day levels, 32 night levels); Memory function		
	Operating time ca. (h)** Day / Night	180 / 1,400		
	Automatic switch-off timer (h) Day / Night	3 / 5		
	Battery type	CR 2032		

Optical coatings: SWAROTOP, SWARODUR, SWAROCLEAN • HD-Technology (except 1-8x24) • Water tight: 4 m / 13 ft
Functional temperature: -20 °C to +55 °C / -4 °F to +131 °F • Storage temperature: -30 °C to +70 °C / -22 °F to +158 °F

* weighed with screw cap on top turret and spare battery holder on side turret, incl. 2 batteries (as supplied)

** at moderate brightness