

SCHMIDT BENDER

POLAR T96

ENDURANCE?

CATCH THE LAST LIGHT WITH OUR **POLAR T96**
WHILE OTHERS ARE ALREADY GOING HOME

4-16x56 Polar T96
for LMZ rail mount



HUNTING SUCCESSFULLY IN LOW-LIGHT CONDITIONS: THE POLAR T96 RIFLESCOPE SERIES

The Polar T96 Series defines a new standard of low-light hunting. As the name implies, it guarantees an overall light transmission of at least 96 %. Therefore the Polar T96 is the ideal riflescope for hunting in low-light conditions and gives you the precious extra minutes for a successful hunt in the evening. We offer our most popular tactical P4FL reticle in the First Focal Plane. The D7 in Second Focal Plane combines a good visible reticle with a distinct illuminated red dot without covering significantly the target.

Another unique feature: the Schmidt & Bender patented "Minimum Deviation Technology" allows only a negligible deviation of less than 1 cm at 100 m (0.39" at 109 yd). This is essential for achieving the highest precision since every Second Focal Plane riflescope suffers deviation when rotating the magnification from maximum to minimum.

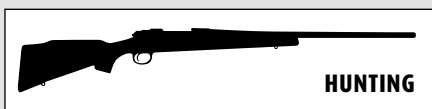
As you can see, the Polar T96 convinces not only with superb optical performance but also with precise and robust mechanics according to our philosophy: "Precision makes the difference".

2.5-10x50 POLAR T96



- Brilliant viewing experience - ideal for hunting from a stand or ground blind
- Compact 50 mm objective: superior light transmission to conventional 56 mm objectives
- Hunting reticle in SFP
- Available with lockable BDC II (Bullet Drop Compensation) and for LMZ rail mount

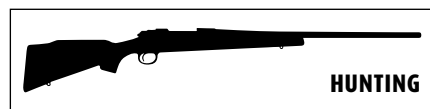
APPLICATION



3-12x54 POLAR T96



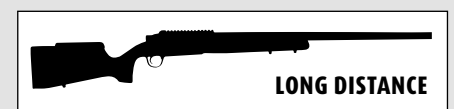
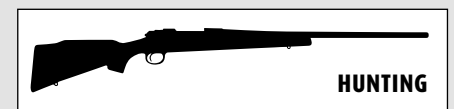
- All-rounder for hunting from a stand, stalking or shooting at distances beyond 300 m
- Optional adjustable parallax/side focus makes it perfect for attachments
- Hunting reticle in SFP
- Available with lockable BDC II (Bullet Drop Compensation) and for LMZ rail mount



4-16x56 POLAR T96



- Perfect riflescope for long distance hunting in low-light conditions
- Precise parallax adjustment/side focus also enables to estimate distance
- Hunting reticle in SFP or tactical reticle in FFP
- Available with lockable BDC II (Bullet Drop Compensation) and for LMZ rail mount



WHAT IS SO SPECIAL ABOUT POLAR T96?

Schmidt & Bender lens coatings adhere to the highest technical standards. Nothing less is appropriate in order to fulfill our demands on image quality and light transmission. The Polar T96 riflescopes distinguish themselves from others through the careful selection of high-quality glass material, combinations of highly refractive glass and SCHOTT HD glass. Schmidt & Bender carefully inspects every lens and optical assembly at each production step to ensure they fulfill our requirements. Since our tolerance are very tight we must measure and handpick every single lens. By doing so, we achieve a minimum amount of variation from riflescope to riflescope in regard to optical performance. This is an essential requirement since we guarantee and measure after assembly the outstanding light transmission of at least 96 % for every single Polar T96 riflescope.



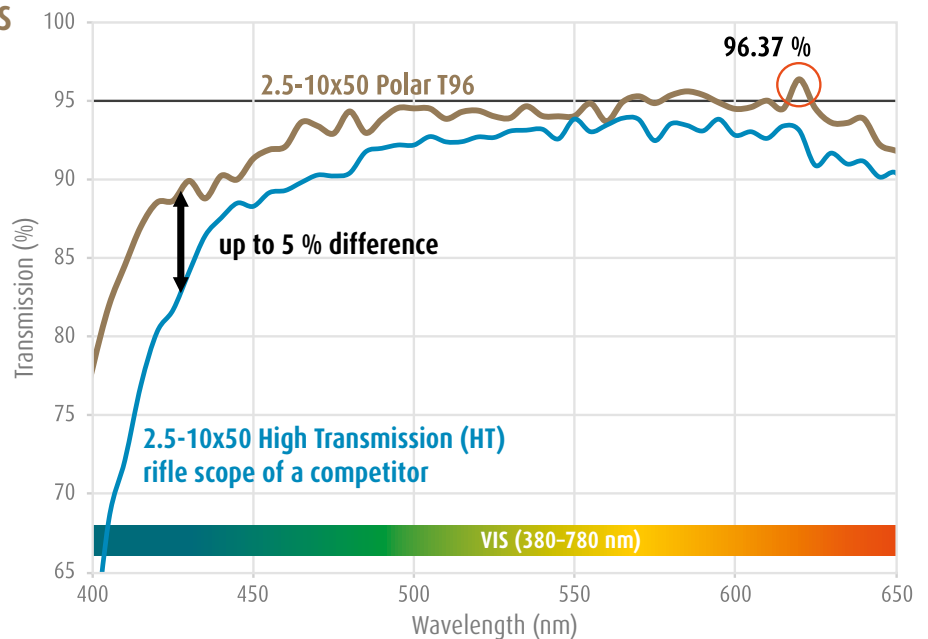
With a Polar T96 riflescope



With a common riflescope

PERFECT FOR LOW-LIGHT CONDITIONS

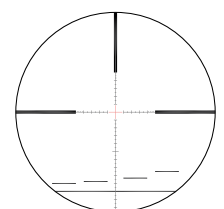
You will experience the superior optical performance of our Polar T96 especially when facing difficult light conditions such as moonlight or at dawn or dusk. We have optimized the wavelength depending transmission to suit the human eye sensitivity under low-light conditions. Furthermore, our 3-12x54 with optional parallax adjustment/side focus is ideal for night vision or thermal objective devices. If you are using such devices be sure to adjust your side focus in order to achieve the best possible image quality with this combination.



RETICLES

P4FL – FIRST FOCAL PLANE

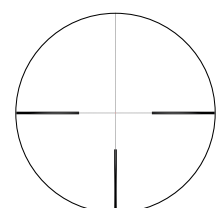
The P4FL with illuminated red cross is in First Focal Plane. This reticle was initially designed for military snipers and has been well-proven around the globe ever since. The reticle design is reduced to the most important essentials and is therefore also very popular among competitions shooters and modern hunters. Since being in FFP, the reticle and the image of the target are enlarged or reduced simultaneously as the magnification is changed. The relationship between target and reticle remain unchanged, regardless of the chosen magnification. This being said, the hash marks are for estimating distances and for quick bullet drop or side wind corrections.



P4FL (FFP)

D7 – SECOND FOCAL PLANE

The D7 with illuminated red dot is in Second Focal Plane and is the most popular hunting reticle from Schmidt & Bender. The reticle in SFP is independent from the magnification system, which means as magnification of the target is enlarged or reduced, the apparent size of the reticle remains the same. This allows for less target coverage and is therefore popular among hunters.



D7 (SFP)

SCHMIDT BENDER

Polar T96 Series

Model:	2.5-10x50	3-12x54	4-16x56
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1. Dimensions and weight

Length (mm/in):	335/13.19	359/14.13	386/15.20
Main tube diameter (mm/in):	34/1.34		
Mount system:	Ring or LMZ rail mount		
Weight (g/oz):	663/23.39	684/24.13	810/28.57

2. Optical data

Magnification:	2.5-10	3-12	4-16
Objective diameter (mm):	50	54	56
Field-of-view/100 m/yd (m/ft):	15.0-3.7/ 45.0-11.1	12.5-3.1/ 37.5-9.3	9.4-2.3/ 28.2-6.9
Field-of-view (°):	8.6-2.1	7.2-1.8	5.4-1.3
Exit pupil diameter (mm/in):	12.0-5.0/ 0.47-0.20	12.0-4.5/ 0.47-0.18	12.0-3.5/ 0.47-0.14
Eye relief distance (mm):	90		
Twilight factor:	8.5-22.4	10.2-25.5	13.8-29.9
Light transmission (%):	96		
Diopter adjustment (dpt):	-3 to +2		
Parallax adjustment (m/yd):	100 fix/ fix 109.36	100 fix/ fix 109.36 or 30 to ∞/ 32.81 to ∞	30 to ∞/ 32.81 to ∞

6. Turret configurations

Model:	2.5-10x50 Polar T96		3-12x54 Polar T96		4-16x56 Polar T96	
Turrets (Elevation / Windage):	Posicon CT / Posicon CT	BDC II LT / Posicon CT	Posicon CT / Posicon CT	BDC II LT / Posicon CT	Posicon CT / Posicon CT	BDC II LT / BDC II LT
Adjustment range elevation:	280 cm/100 m	100 cm/100 m	180 cm/100 m	100 cm/100 m	150 cm/100 m	100 cm/100 m
Adjustment range windage:	280 cm/100 m	280 cm/100 m	180 cm/100 m	180 cm/100 m	150 cm/100 m	±40 cm/100 m
Turret rotation:	CW		CW		CW	
Click value:	1 cm/100 m	1 cm/100 m	1 cm/100 m	1 cm/100 m	1 cm/100 m	1 cm/100 m

Model:	2.5-10x50	3-12x54	4-16x56
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3. Reticles

Reticle:	D7	D7	D7	P4FL
Focal Plane:	2	2	2	1

4. Further data

Internal travel elevation:	280 cm/100 m	180 cm/100 m	150 cm/100 m
Internal travel windage:	280 cm/100 m	180 cm/100 m	150 cm/100 m
Illumination:	11 Settings		
Battery type:	CR2032		
Nitrogen filling:	Dried special nitrogen		

5. Options

Colour:	Black
Temperature - Storage (°C):	-55 to +70
Temperature - Function (°C):	-25 to +55
Waterproof (m):	3



■=Standard, ■=Optional

For detailed information about the **POLAR T96 SERIES** please visit our website: www.schmidt-bender.com