

# POLAR T96

THE WORLD'S BRIGHTEST  
RIFLESCOPE

HUNTING

POLAR T96-LINE



# FOR A SUCCESSFUL TWILIGHT HUNT

With the Polar T96 riflescope line, Schmidt & Bender surpasses all other low-light riflescopes available on the market. Never before or since has it been possible to achieve a light transmission of over 96% in a variable riflescope with 4x zoom. This makes it possible to take full advantage of the very last light during evening hunts.

The Polar T96 line is available with reticles in the first focal plane (4-16x56 Polar T96) as well as with a fine D7 red dot reticle in the second focal plane, designed for both daylight and low-light use. The D7 reticle combines minimal target coverage with excellent visibility of the crosshairs.

Another unique feature is Schmidt & Bender's patented "Minimal Point of Impact Shift Technology," which ensures only minimal deviation in point of impact ( $\leq 1$  cm/100 m). This is critically important for maintaining top precision, since all riflescopes with a second focal plane reticle are inherently subject to point of impact shift when changing magnification.

The Polar T96 impresses not only with its outstanding optical performance, but also with its precise and rugged mechanics, in line with our philosophy: **"More than a riflescope"**.

## 2.5-10x50 Polar T96\*



- ⦿ Compact and high-performing in low light – ideal for a successful evening hunt
- ⦿ Slim 50 mm objective lens: superior light transmission compared to conventional 56 mm objectives
- ⦿ Hunting reticle in the second focal plane
- ⦿ Equipped with LMZ rail mount for quick and easy installation without distorting or damaging the riflescope

## 3-12x54 Polar T96\*



- ⦿ All-rounder for blind hunting, stalking, and shots at distances beyond 300 meters
- ⦿ Ideally suited for clip-on devices thanks to precise parallax adjustment
- ⦿ Hunting reticle in the second focal plane
- ⦿ Equipped with LMZ rail mount for quick and easy installation without distorting or damaging the riflescope

## 4-16x56 Polar T96



- ⦿ The perfect riflescope for long-range hunting in low-light conditions
- ⦿ Precise parallax adjustment also suitable for range estimation
- ⦿ Tactical reticle in the first focal plane
- ⦿ Available optionally with lockable BDC II (Bullet Drop Compensation) or the new BDC II-B

\*The two models, 2.5-10x50 Polar T96 and 3-12x54 Polar T96, are available exclusively with LMZ mounting in the two variants 753-K11-72D (2.5-10x50) and 754-K11-72D (3-12x54).

# WHAT MAKES THE POLAR T96 LINE UNIQUE?

The lens coating and glass material used by Schmidt & Bender meet the highest technical standards—because nothing less is required to fulfill our demands for image quality and light transmission. In addition, each lens is carefully inspected according to our strict quality requirements. Due to our extremely tight tolerances, every single lens is manually selected. This is the only way we can achieve the lowest possible variance in optical performance. This is an essential prerequisite for our Polar T96 line: after assembly, each individual riflescope is tested on a spectrometer to guarantee its outstanding light transmission of at least 96%.



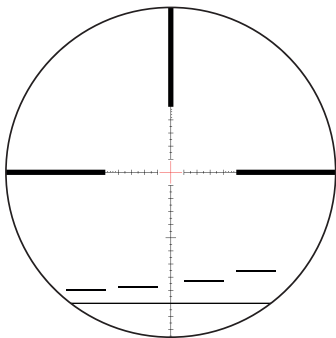
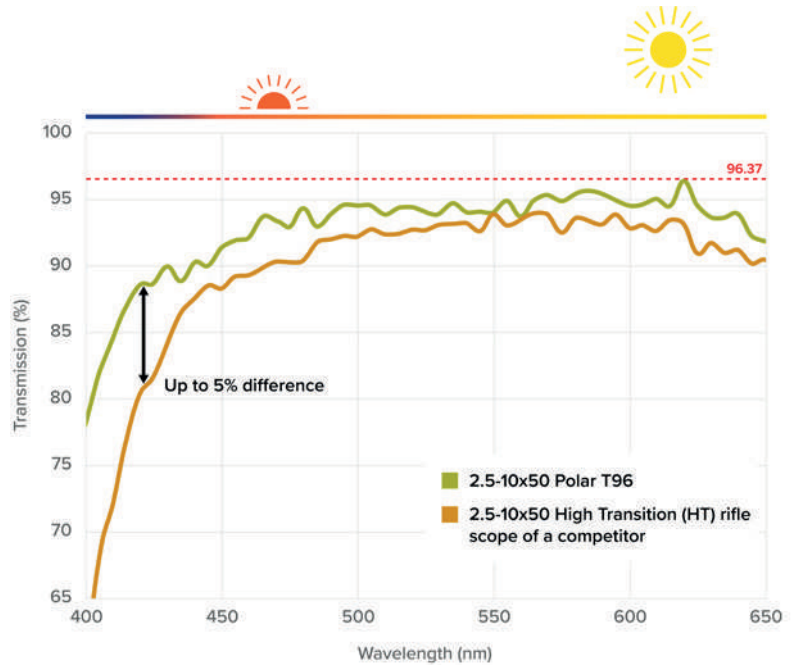
View through a Polar T96 Riflescope



View through an ordinary Riflescope

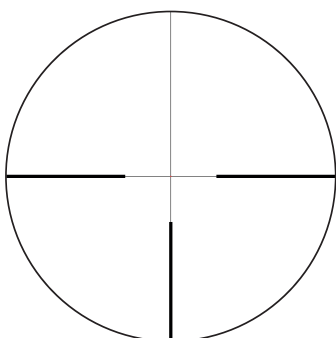
## PERFECT FOR THE NIGHT

Especially in challenging lighting conditions, such as twilight or moonlight, the superiority of our Polar T96 line becomes evident. We have optimized the wavelength-dependent transmission to perfectly match the sensitivity of the human eye in low-light conditions. In particular, the 3-12x54 and 4-16x56 Polar T96 models with parallax compensation are ideally suited for use with night vision technology. When using clip-on devices, the parallax adjustment can be used to achieve the best possible optical quality even in this combination.



## P4FL – FIRST FOCAL PLANE

The P4FL with illuminated reticle is located in the first focal plane. Originally designed for military snipers, this reticle has proven itself worldwide. Its markings are limited to the essentials, which also makes it popular among sport shooters and demanding hunters. Because the reticle is in the first focal plane, it enlarges or reduces together with the target image when changing magnification. The relationship between the target image and the reticle remains consistent regardless of the selected magnification. The individual markings can be used for estimating distances as well as for quick elevation or windage adjustments.



## D7 – SECOND FOCAL PLANE

The D7 with illuminated red dot is located in the second focal plane and is Schmidt & Bender's most popular hunting reticle. In the second focal plane, only the target image changes in size when adjusting the magnification. The reticle itself remains constant in size regardless of the magnification level. As a result, target coverage remains minimal at high magnifications. This feature makes it especially popular among hunters.

# TECHNICAL DATA

MODEL:	2.5-10x50	3-12x54	4-16x56
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1. DIMENSIONS AND WEIGHT			
Length (mm)/(in)	335 / 13.19	351 / 13.82	386 / 15.20
Main tube diameter (mm)/(in):	34		
Mount System:	LMZ rail mount	Ring mount	
Weight (g)/(oz):	690 / 24.34	830 / 29.28	810-840

2. OPTICAL DATA			
Magnification:	2.5-10	3-12	4-16
Objective diameter (mm)/(in):	50 / 1.97	54 / 2.13	56 / 2.20
Field-of-view (m/100 m)/(ft/100 yd)	15.0 / 45.0-3.7 / 11.1	12.5 / 37.5-3.1 / 9.3	9.4 / 28.2-2.3 / 6.9
Exit pupil diameter (mm)/(in)	12.0 / 0.47-5.0 / 0.20	12.0 / 0.47-4.5 / 0.18	12.0 / 0.47-3.5 / 0.14
Eye relief distance (mm)/(in)	90 / 3.54		
Twilight factor:	8.6-22.4	10.3-25.5	13.8-29.9
Light transmission (%):	96		
Reticle:	D7	P4FL	
Focal Plane:	2	1	
Diopter adjustment (dpt)	-3 to +2		
Parallax adjustment (m)/(yd):	100 fix / 109.36 fix	30 / 32.81 to ∞	

7. TURRET CONFIGURATIONS	2.5-10x50 Polar T96	3-12x54 Polar T96	4-16x56 Polar T96		
Turret (Elevation / Windage):	Posicon CT / Posicon CT	Posicon CT / Posicon CT	Posicon CT / Posicon CT	BDC II LT / BDC II LT	BDC II-B LT / BDC II LT
Adjustment range elevation:	280 cm/100 m	235 cm/100 m	150 cm/100 m	100 cm/100 m	100 cm/100 m
Adjustment range windage:	±140 cm/100 m	±117 cm/100 m	±75 cm/100 m	±40 cm/100 m	±40 cm/100 m
Turret rotation:	cw	cw	cw	cw/ccw	cw/ccw
Click value:	1 cm/100 m	1 cm/100 m	1 cm/100 m	1 cm/100 m	1 cm/100 m

**Legend:**

DT (Double Turn) MT (Multi Turn) ST (Single Turn) MTC (More Tactile Clicks) LT (Locking Turret) CT (Capped Turret) ZC (Zero Click) cw (clockwise) ccw (counterclockwise) 0.1 mrad = 1 cm/100 m  
 All data subject to change.

MODEL:	2.5-10x50	3-12x54	4-16x56
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3. ILLUMINATION	
Illumination steps:	11
Illumination color:	red
Battery type:	CR2032

4. CLIMATE	
Temperature – Storage (°C)/(°F):	-55 / -67 to +71 / +160
Temperature – Operation (°C)/(°F):	-25 / -13 to +61 / +142

5. COMPATIBILITY		
Throw Lever kompatibel:	No	
Thread ocular:	/	
Thread objective:	M54x0.75	M58.2x0.75
Outer diameter objective (mm)/(in):	57 / 2.24	61 / 2.40
Outer diameter ocular (mm)/(in):	46.2 / 1.82	

6. OPTIONS	
Color:	black
Nitrogen filling:	High purity nitrogen
Waterproof (m)/(ft):	3 / 9.84

## CONTACT

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