

# SCHMIDT BENDER

**MAIN CATALOG 2016**

**PRECISION MAKES THE DIFFERENCE!**

Fascination Hunting | Mission Police & Military | Passion Sports





L-R Werner Schmidt, **Helmut Bender**, Richard Schäfer, Dieter Seipp, Werner Schmidt & **Helmut Schmidt**

### Schmidt & Bender ...

... a long track record as pioneers in Quality & Precision, Tradition & Innovation. Synonyms for a company with a global name for high-quality scopes. Only those who set themselves challenges will experience the performance levels that development and production can achieve. Time after time, Schmidt & Bender measures itself against the best in the sector. And does so very successfully. The aim of our development work is to hit our uncompromising quality targets. The outcome is manifestly the highest standards of quality in all categories of scope development: Scopes that set new technical standards, and precision devices that impressively demonstrate our philosophy, 'Precision makes the difference'.

### Those committed to quality,

will be delighted by Schmidt & Bender scopes - to suit the aims of hunting, police & military or sporting people. They deliver this conviction through superior technology, but also through ultimate standards of quality.



## Fascination Hunting

Polar T96		8	<b>NEW</b>
Stratos		11	
Zenith		14	
Exos		16	
Summit		17	
Klassik		18	
Hungaria		21	

## Mission Police & Military

PM II Ultra Bright		26	<b>NEW</b>
PM II Digital		28	<b>NEW</b>
PM II High Power		30	<b>NEW</b>
PM II Ultra Short		32	
PM II ShortDot		34	
PM II		36	

## Passion Sports

Sport		40	
Nightvision		42	
Accessoires		44	
Reticles		48	

# Fascination Hunting



The hunting products from Schmidt & Bender are divided into various 'lines'. These cover all applications in all price classes, to premium standards of quality in all cases.

From way back, the Schmidt & Bender Klassik line and the Schmidt & Bender Hungaria line have stood for timelessly elegant, visually striking and robust products that appeal to the ambitious young hunter and to the price-conscious traditionalist. This product line features everything: either variable or fixed magnification, illuminated or non-illuminated, driven hunt, rased stand or mountain hunting. Those demanding more design and functionality will decide in favour of the Zenith line. Innovative as well as tried-and-true functions, FlashDot and Posicon, all combine to form an unusually elegant design with flowing lines that won the IF Design Award, a premium line that responds to almost every conceivable wish. If you also want the very latest and globally unique electronics and the ability to program the scope illumination on a computer yourself, you would then opt for a scope from the Stratos line. Over and above that, there is the Exos line with the 1-8x24 – a previously unachieved magnification range and a 2-in-1 function for the fleeting game scope with an integrated true red dot sight, the hallmark features of this line. Anyone wishing a small, lightweight sight with an inch tube could select the first sight in the Summit line. Brand new are the three scopes of the Polar T96 line. With a maximal overall transmission of 96% and an optimized night transmission of above 93.5% these raised stand scopes define new standards of low light hunting. Nor does Schmidt & Bender compromise in any way with the various configurations: Optional quick adjustment facilities are available for most of the hide-hunting sights, as well as various reticles, tube bodies with and without a rail, and also a wide range of accessories.

## Posicon adjustment

Posicon adjustment enables you to identify the position of the reticle at a glance: With the indicator in the green range, the reticle is inside the square adjustment range, eliminating any possibility of reciprocal impairment of the adjustment movements. The red range indicates setting reserves that could be used when needed, and at the same warns that use of this reserve precludes use of the full adjustment range in the other direction. This means that the gunsmith or hunter is informed when zeroing in the weapon that there is still sufficient adjustment range available in each direction. A marking with repeatability precision on the scope after a weapon has been aimed is made possible by the silver ring on the relevant turret. On this, the user can add his or her own marks for certain distances or different elaborations (i.e. ammunition fillings).



## Classic adjustment

To make the position of the reticle visible in the available adjustment range, the rotational display was developed.

The display on the turrets for height and lateral adjustment shows the position of the reticle in the form of a black dot in its white window. Before zeroing the weapon, the gunsmith or hunter can check at a glance to ensure that the black dot is located under the letter 'M' (for 'Midpoint'). This ensures that there is a uniformly large adjustment range to all sides for zeroing the sights.

## Bullet Drop compensation (BDC)

Both the quick reticle adjustment units available are primarily suited to long-distance shooting or to the use of different elaborations. With one simple movement, it is possible to adjust the reticle to enable the target to be hit accurately. Of course, the caps can also be engraved for different types of ammunition or for different distances. A particularly simple procedure for sighting in a weapon is assured for both versions: The classic BDC can be released easily using the coin slot, and then reset to zero. The new lockable adjustment is released with a conventional Allen key, and a retaining screw prevents the adjustment cap from getting lost.



NEW LOCKABLE ELEVATION AND WINDAGE BDC TURRETS

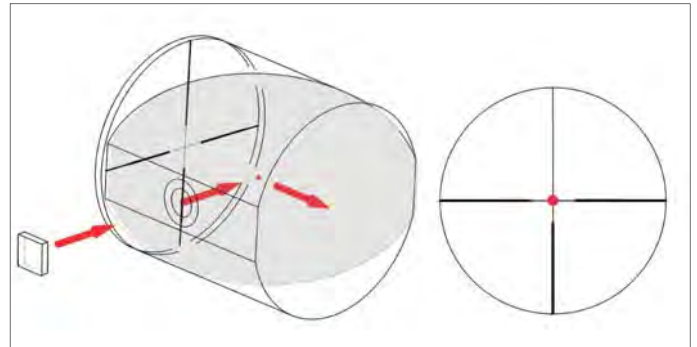


CLASSIC ELEVATION AND WINDAGE BDC TURRETS



## FlashDot technology

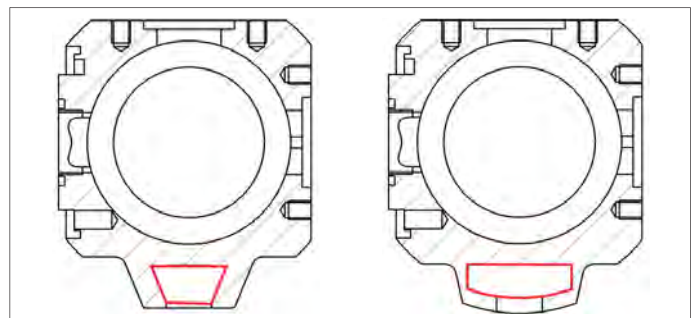
With the flashDot illumination system the hunter may accurately acquire the target via a circular illuminated dot in daylight and at night. The illuminated stages range from nighttime operation to ultra-bright with the dot always remaining circular and discreet. When the dot is not required it will vanish completely, reticle and target may be viewed clearly without shadows or interfering lines.



FLASH DOT TECHNOLOGY: PROJECTION OF RED DOT

## Version with LMC and LMZ rail

The scopes in the Polar T96, Stratos, Exos and Zenith lines can also be ordered in a rail-mounted version. The choice is between the familiar proprietary Schmidt & Bender rail (light alloy, convex) and the widened LMZ (Light Alloy Zeiss Compatible) rail with an internal prism.



LMZ-RAIL

LMC-RAIL

## Diffraction reticle

The diffractive reticle technology used in the scopes in the Polar T96 line enable a very bright point of illumination to be maintained in the centre of the reticle in the second focal plane. In contrast to the FlashDot, this is not a projection via a beam divider, but it instead works by deflecting light on the grid. As a consequence, the dot does not disappear when switched off, but it does achieve the same brightness as the FlashDot without reducing transmission as a result of the longer distance through the lens in the beam splitter.

# Polar T96



## THE BRIGHTEST LOW-LIGHT HUNTING SCOPE IN THE WORLD:



## THE FIRST RIFLESCOPE WITH MORE THAN 96% TOTAL LIGHT TRANSMISSION.

- EXTREMELY HIGH TRANSMISSION OF MORE THAN 96 % • 34 MM MAIN TUBE
- ENORMOUS ADJUSTMENT RANGE OF 380 CM / 100 M • HIGHEST QUALITY AND ELEGANT TIMELESS DESIGN



3-12x54 Polar T96



4-16x56 Polar T96

### The new Polar T96 line: The brightest scope of all time

With its 'Polar T96' line of scopes, Schmidt & Bender unveiled a new era in highly transmissive scopes. Never before has a variable scope with 4x zoom succeeded in achieving a transmission level in excess of 96%. This makes it possible to use the very last rays of twilight successfully from an evening hide.

The new Polar T96 scopes are ideal hide-hunting sights, equipped with its 34 mm tube and the optional locking reticle quick adjustment with an incredibly large adjustment range for long-distance shots. The caps on the quick reticle adjustment unit can of course be engraved in a customer-specific manner for various different elaborations and distances, and are then easy for the customer to replace.

The parallax adjustment of the 3-12x54 and 4-16x56 Polar T96 additionally provides optimal support for precise long distance shots. There is now a choice for the hunting sector in respect of the position of the reticle and illumination. A diffractive reticle in the second focal plane offers fine spikes and, thanks to the lithographically applied deflection grid in the centre, provides a very bright and clearly delimited illuminated dot in the centre of the reticle, while a classic illuminated reticle in the first focal plane offers an illuminated cross for use at twilight.

As already with the scopes in the Exos and Stratos lines, the Polar T96 line is equipped with a magnification change made of decorative anodised aluminium. This gives it compelling visual appeal with its elegant round shapes and unusually slim design lines.



## 2.5-10x50 Polar T96



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
2.5-10x50 Polar T96	2.5-10	12.0-5.0	15.0-3.7	335	650	34	100 m fix	1.	---	---	1 cm
					672	LMZ					
					672	LMC					
2.5-10x50 Polar T96 BDC HS	2.5-10	12.0-5.0	15.0-3.7	335	667	34	100 m fix	1.	100 cm	± 50 cm	1 cm
					689	LMZ			25 MOA	± 12 MOA	¼ MOA
					689	LMC					
					667	34					
					689	LMZ					
					689	LMC					
2.5-10x50 Polar T96	2.5-10	12.0-5.0	15.0-3.7	335	663	34	100 m fix	2.	---	---	1 cm
					685	LMZ					
					685	LMC					
2.5-10x50 Polar T96 BDC HS	2.5-10	12.0-5.0	15.0-3.7	335	680	34	100 m fix	2.	100 cm	± 50 cm	1 cm
					702	LMZ			25 MOA	± 12 MOA	¼ MOA
					702	LMC					
					680	34					
					702	LMZ					
					702	LMC					

## NEW 3-12x54 Polar T96



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
3-12x54 Polar T96	3.0-12.0	12.0-4.5	12.5-3.1	358	674	34	100 m fix	1.	---	---	1 cm
					704	LMZ					
					704	LMC					
3-12x54 Polar T96 BDC HS	3.0-12.0	12.0-4.5	12.5-3.1	358	691	34	100 m fix	1.	100 cm	± 50 cm	1 cm
					721	LMZ			25 MOA	± 12 MOA	¼ MOA
					721	LMC					
					691	34					
					721	LMZ					
					721	LMC					
3-12x54 Polar T96	3.0-12.0	12.0-4.5	12.5-3.1	358	684	34	100 m fix	2.	---	---	1 cm
					711	LMZ					
					711	LMC					
3-12x54 Polar T96 BDC HS	3.0-12.0	12.0-4.5	12.5-3.1	358	698	34	100 m fix	2.	100 cm	± 50 cm	1 cm
					728	LMZ			25 MOA	± 12 MOA	¼ MOA
					728	LMC					
					698	34					
					728	LMZ					
					728	LMC					

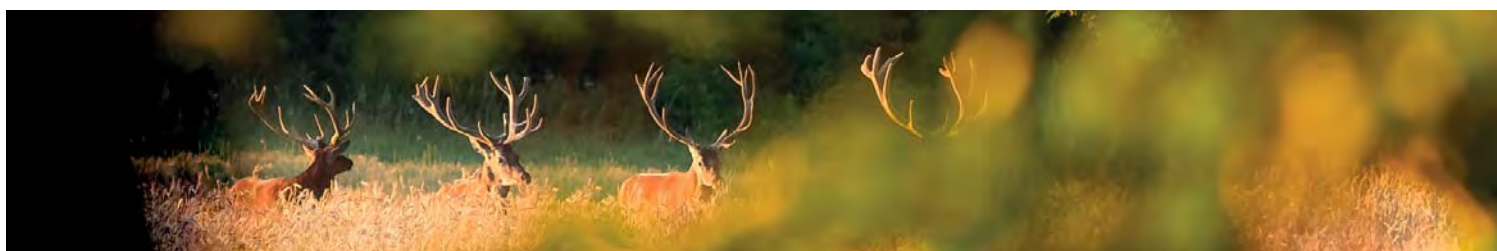
# Polar T96

Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
3-12x54 Polar T96 P	3.0-12.0	12.0-4.5	12.5-3.1	351	787	34	30 m - ∞	1.	---	---	1 cm
					818	LMZ					
					818	LMC					
3-12x54 Polar T96 PBDC HS	3.0-12.0	12.0-4.5	12.5-3.1	351	805	34	30 m - ∞	1.	100 cm	± 50 cm	1 cm
					835	LMZ			25 MOA	± 12 MOA	¼ MOA
					835	LMC					
					805	34					
					835	LMZ					
					835	LMC					
3-12x54 Polar T96 P	3.0-12.0	12.0-4.5	12.5-3.1	351	798	34	30 m - ∞	2.	---	---	1 cm
					828	LMZ					
					828	LMC					
3-12x54 Polar T96 PBDC HS	3.0-12.0	12.0-4.5	12.5-3.1	351	815	34	30 m - ∞	2.	100 cm	± 50 cm	1 cm
					845	LMZ			25 MOA	± 12 MOA	¼ MOA
					845	LMC					
					815	34					
					845	LMZ					
					845	LMC					

## NEW 4-16x56 Polar T96



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
4-16x56 Polar T96 P	4.0-16.0	12.0-3.5	9.4-2.3	386	810	34	30 m - ∞	1.	---	---	1 cm
					840	LMZ					
					840	LMC					
4-16x56 Polar T96 PBDC HS	4.0-16.0	12.0-3.5	9.4-2.3	386	827	34	30 m - ∞	1.	100 cm	± 50 cm	1 cm
					857	LMZ			25 MOA	± 12 MOA	¼ MOA
					857	LMC					
					827	34					
					857	LMZ					
					857	LMC					
4-16x56 Polar T96 P	4.0-16.0	12.0-3.5	9.4-2.3	386	820	34	30 m - ∞	2.	---	---	1 cm
					850	LMZ					
					850	LMC					
4-16x56 Polar T96 PBDC HS	4.0-16.0	12.0-3.5	9.4-2.3	386	837	34	30 m - ∞	2.	100 cm	± 50 cm	1 cm
					867	LMZ			25 MOA	± 12 MOA	¼ MOA
					867	LMC					
					837	34					
					867	LMZ					
					867	LMC					



**Stratos**  
The first scopes with intelligent illumination

**This innovative Schmidt & Bender scope line combines all the familiar benefits of these tried-and-true premium products with innovative technologies of the future.**

The sights with a 5x zoom factor are equipped as standard with the programmable ‚Choose-your-Light‘ lighting unit that enables you to adapt the various lighting functions to the specific conditions of a given hunt, and to the personal preferences of each hunter, and to do so from a computer. The number and prevailing brightness of the various lighting levels can be selected individually, as can the activation and selection of the angle of inclination for the battery-saving disengagement function for the lighting unit when setting down or putting away the weapon. The FlashDot technology for the lighting unit was further improved for the scopes in the Stratos line, meaning that the luminous dot, completely invisible when switched off, now appears to be brighter. Nonetheless, at its maximum brightness setting, it retains its perfectly circular round shape. The brilliant lens provides uniform contrast across the entire field of view at all magnifications. Moreover, all scopes come

with the Posicon adjustment and with the new lockable quick reticle adjustment function. Naturally, the classic lighting option can be chosen using a rotary switch on these scopes. In terms of ease of installation, Schmidt & Bender is exploring entirely new avenues with the Stratos line. As well as the classic 30 mm ring installation and the Schmidt & Bender light alloy convex rail, since the end of 2014, the popular 45° prism rail is also available.

At the present time, the Stratos line comprises 3 sights that cover all types of hunting perfectly. With the 1.1-5x24, the user has a classic driven hunt game sight with a FlashDot on the second focal plane. The 1.5-8x42 on the other hand is a typical universal lens with a reticle and FlashDot in the first focal plane, suitable for driven hunt as well as for hide-hunting or mountain hunting. The last, and the biggest, is the 2.5-13x56. Due to its luminous intensity, it is the ideal hide-hunting lens with a FlashDot and reticle in the first focal plane.

# Stratos – Choose Your Light



## Choose your light – the new illumination system

The world's only self-programmable lighting unit was developed by Schmidt & Bender to cover the particular personal preferences and needs for scope illumination of every customer.

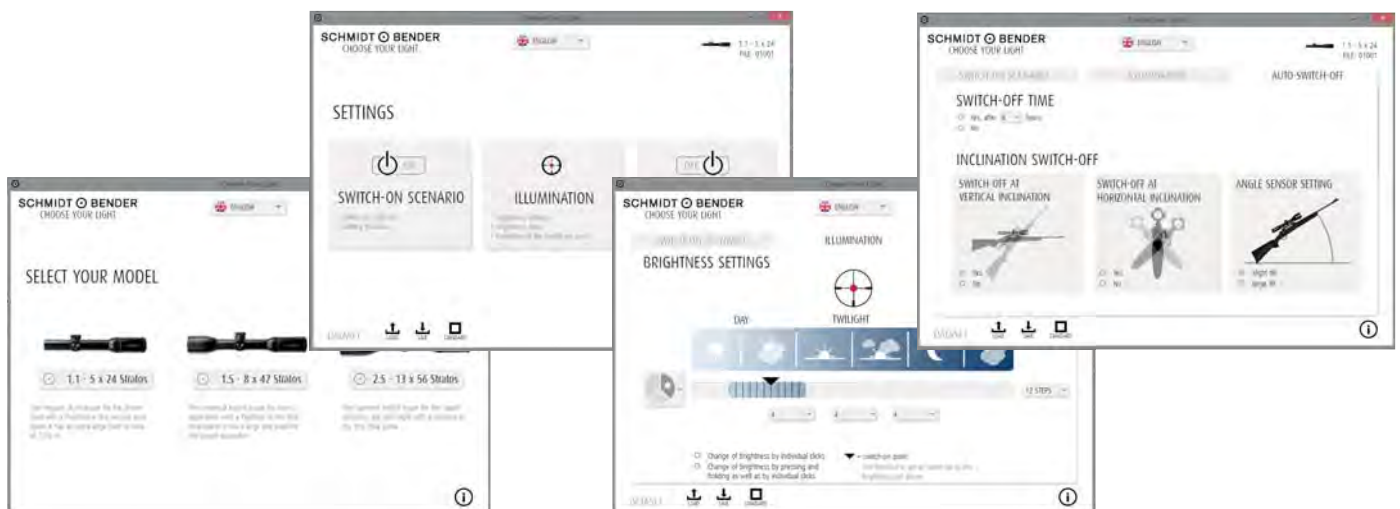
This not only looks elegant, it is also easy to use:

- All functions are covered by just 3 buttons
- Batteries can be replaced without a tool

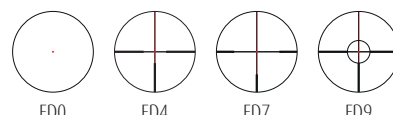
If the ex-works setting is not sufficient for you, you can connect the removable lighting unit to your computer using the USB adapter, a cost option, and you can then configure it individually.

- Select the number of illumination stages for daylight mode
- Select the number of illumination stages for night-time mode
- Configure the response characteristics when it is switched back on again
- Select the period of time up to automatic disengagement
- Enable or disable the display when the battery is depleted
- Enable or disable the angle sensor for automatic engagement/disengagement when placing down or putting away your weapon

The new Choose Your Light lighting unit thus becomes a real personal highlight of your scope.

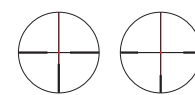


## 1.1-5x24 Stratos



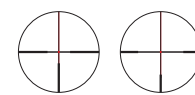
Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
1.1-5x24 Stratos	1.1-5.0	12.6-4.8	37.6-7.6	267	472	30	100 m fix	2.	---	---	1.5 cm
					507	LMZ					
					497	LMC					
1.1-5x24 Stratos BDC HS	1.1-5.0	12.6-4.8	37.6-7.6	267	489	30	100 m fix	2.	100 cm	± 50 cm	1 cm
					524	LMZ			25 MOA	± 12 MOA	¼ MOA
					514	LMC					
					489	30					
					524	LMZ					
					514	LMC					

## 1.5-8x42 Stratos



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
1.5-8x42 Stratos	1.5-8.0	12.0-4.6	23.9-4.6	318	594	30	100 m fix	1.	---	---	1 cm
					622	LMZ					
					604	LMC					
1.5-8x42 Stratos BDC HS	1.5-8.0	12.0-4.6	23.9-4.6	318	611	30	100 m fix	1.	100 cm	± 50 cm	1 cm
					639	LMZ			25 MOA	± 12 MOA	¼ MOA
					621	LMC					
					611	30					
					639	LMZ					
					621	LMC					

## 2.5-13x56 Stratos



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
2.5-13x56 Stratos	2.5-13.0	12-4.3	14.2-2.7	344	694	30	100 m fix	1.	---	---	1 cm
					723	LMZ					
					713	LMC					
2.5-13x56 Stratos BDC HS	2.5-13.0	12-4.3	14.2-2.7	344	711	30	100 m fix	1.	100 cm	± 50 cm	1 cm
					740	LMZ			25 MOA	± 12 MOA	¼ MOA
					730	LMC					
					711	30					
					740	LMZ					
					730	LMC					

# Zenith



- 4 ZOOM
- 30 mm
- FD FLASHDOT
- POSI-CON
- BDC BULLET DROP COMPENSATION
- LMC LIGHT METAL WITH CONVEX RAIL
- LMZ LIGHT METAL WITH Z-RAIL



## Zenith

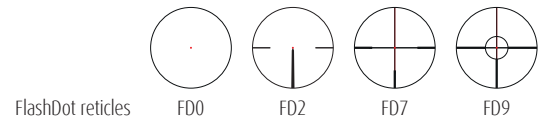
The most elegant scopes with the brightest illuminated dot of all time.

**The tried-and-true premium products in the Zenith line are characterized not only by their exceptionally slimline and aesthetic shape but also by their superlative image quality and the high level of uniform contrast up to the edge of the field of view at all levels of magnification.**

The unique FlashDot technology now used on many high end premium sights was first used in these sights and it offers an unusually bright and perfectly circular, round dot of light. It disappears completely when the lighting unit is switched off, providing an unobstructed view of the reticle and the hunting scene. Another first for the Zenith line was the change from smallest to largest magnification with a 180° turn of the rubberised and comfortable to hold magnification enlargement unit. Especially when hunting fleeting game, the ability to adjust rapidly to

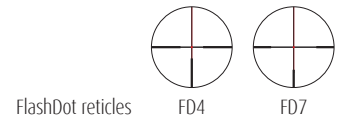
hunting scenarios as they develop and change is a great benefit. The replacement battery, invisibly integrated in the side cover of the Posi-con adjustment unit, provides additional safety for the integrated automatic disengagement function on the lighting unit that cuts in after 6 hours. The Zenith line currently comprises 4 sights that provide ideal coverage for all types of hunting. With the 1.1-4x24, the user has a classic driven hunt sight with a FlashDot on the second focal plane. The 1.5-6x42 on the other hand is a typical universal lens with a reticle and FlashDot in the first focal plane, suitable for driven hunt as well as for hide-hunting or mountain hunting. The lens with the largest objective lens diameter is the 2.5-10x56 which, due to its luminous intensity, is the ideal hide-hunting lens with a FlashDot and reticle in the first focal plane. The last lens is the 3-12x50, ideal for long-range shooting. The reticle and illuminated dot are in the first focal plane, meaning that uniformly small coverage dimensions are possible at all magnifications.

## 1.1-4x24 Zenith



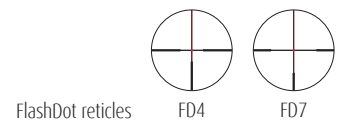
Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

## 1.5-6x42 Zenith



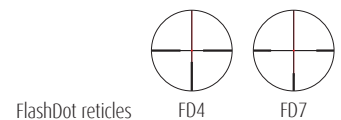
Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

## 2.5-10x56 Zenith



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
2.5-10x56 Zenith	2.5-10.0	14.1-5.6	14.2-3.8	333	670	30	100 m fix	1.	---	---	1 cm
					704	LMZ					
					694	LMC					
2.5-10x56 Zenith BDC H	2.5-10.0	14.1-5.6	14.2-3.8	333	696	30	100 m fix	1.	32 cm	---	1 cm
					730	LMZ					
					720	LMC					
2.5-10x56 Zenith BDC HS	2.5-10.0	14.1-5.6	14.2-3.8	333	696	30	100 m fix	1.	32 cm	± 16 cm	1 cm
					757	LMZ					
					744	LMC					

## 3-12x50 Zenith



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
3-12x50 Zenith	3.0-12.0	14.1-4.2	12.4-3.2	342	700	30	100 m fix	1.	---	---	1 cm
					728	LMZ					
					720	LMC					
3-12x50 Zenith BDC H	3.0-12.0	14.1-4.2	12.4-3.2	342	726	30	100 m fix	1.	32 cm	---	1 cm
					752	LMZ					
					744	LMC					
3-12x50 Zenith BDC HS	3.0-12.0	14.1-4.2	12.4-3.2	342	750	30	100 m fix	1.	32 cm	± 16 cm	1 cm
					778	LMZ					
					770	LMC					

# Exos



**8**  
ZOOM

**30**  
mm

**FD**  
FLASHDOT

**BDC**  
BULLET DROP  
COMPENSATION

**LMC**  
LIGHT METAL  
WITH CONVEX  
RAIL

**LMZ**  
LIGHT METAL  
WITH Z-RAIL



## Exos

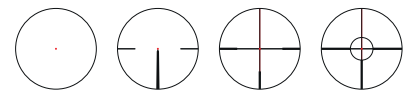
The first scope with a real 8x zoom factor

The 8x zoom factor of the Exos line outperforms all existing limits, and delivers conviction with its technical finesses, examples being the CC mode, the FlashDot reticle in the second focal plane, the optional widespread LMZ prism rail or the lockable quick reticle adjustment facility.

The innovative 1-8x24 Exos driven hunt sight enables you to shoot with both eyes open at its lowest magnification setting and, thanks to its

high zoom factor of 8, to use its greatest magnification to aim at long range with pinpoint accuracy. The CC mode enables the user to use the weapon with a single grip parallax-free at close range. The full-metal version of the magnification changer is unique in visual as well as functional terms, and it combines mechanical robustness with elegant design. The reticles in the second focal plane on the Exos line have extremely thin bars, spikes and filaments which, although perfectly visible, permit minimum target coverage at rather low magnification stages.

### 1-8x24 Exos

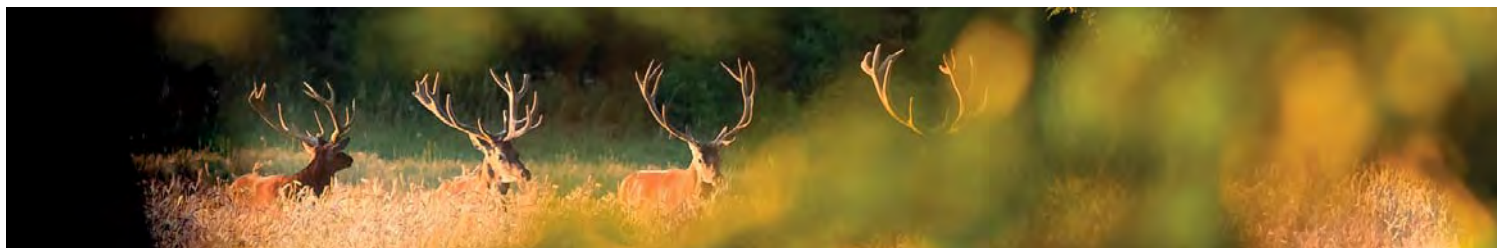


FlashDot reticles FD0 FD2 FD7 FD9

Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
1-8x24 Exos	1.0-8.0	9.6-3.0	35.3-4.9	293	564	30	100 m fix	2.	---	---	1 cm
					597	LMZ					
					609	LMC					
1-8x24 Exos BDC HS	1.0-8.0	9.6-3.0	35.3-4.9	293	581	30	100 m fix	2.	100 cm	± 50 cm	1 cm
					614	LMZ					
					626	LMC					
					581	30			25 MOA	± 12 MOA	¼ MOA
					614	LMZ					
					626	LMC					

2. Focal plane - Ocular image plane LMC - Light metal with convex rail LMZ - Light metal with Z-rail BDC HS - Elevation and windage bullet drop compensation • available with cw (clockwise turret) or ccw (counter-clockwise turret) • Other configurations and reticles available on request





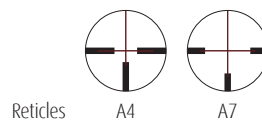
**Summit**  
The giant among scopes.

**2.5-10x40 Summit - The giant among scopes.**

The 2.5-10x40 Summit combines the optical quality of a premium scope with the slimline and lightweight appearance of a scope with a 1 inch tube. When developing this scope, particular attention was paid to uncompromising performance and precision combined with mini-

mization of weight and size. With its Posicon turrets and high-quality tempered lenses for superlative transmission, it also stands out by virtue of other technical features, of the kind otherwise only found in much more expensive scopes.

**2.5-10x40 Summit**



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

# Klassik



## Klassik

The only true classics, with 50 years of tradition in every kind of hunting

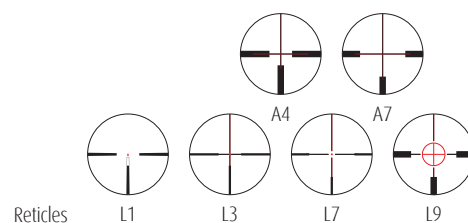
**The tried-and-true sights in the Klassik line, in a more highly developed form, retain the classic shape and many of the technical details of the very first Schmidt & Bender sights.**

Optical brilliance, unusually high edge sharpness, ultimate precision - these features are the outcome of years of development work, carried out with great love of detail, all for the purpose of providing the hunter with an ideal tool for the job. The first scopes in the Klassik range, comprising burnished steel tubes in several sections, were manufactured on a lathe. Their adjustments were extremely simple. Nowadays, thanks to modern production technology, they are made of decorative,

anodized aluminium from solid metal, and are then equipped with high-precision mechanical elevation and windage turrets. Modern lenses with complex multi layer coatings have superseded the simple optics of yesteryear to assure maximum optical quality. What has remained over these 55 years is the detailed craftsmanship and the genuine love of creating these high end products.

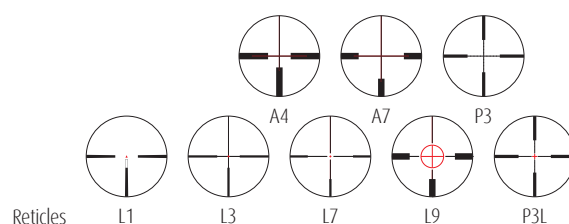
The Klassik line offers a wider variety of products than pretty much any other line. Sights with variable magnification, illuminated or non-illuminated, are available, as are sights with fixed magnification. From driven hunt to long-range shooting - these is a suitable scope for all applications.

## 2.5-10x56 Klassik



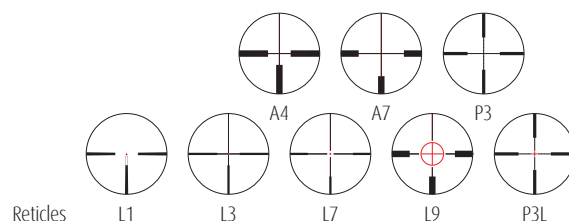
Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
2.5-10x56 Klassik	2.5-10.0	13.8-5.6	13.1-4.0	385	604	30	100 m fix	1.	---	---	1 cm
					650	LMS					
2.5-10x56 Klassik BDC H	2.5-10.0	13.8-5.6	13.1-4.0	385	629	30	100 m fix	1.	32 cm	---	1 cm
					675	LMS					
2.5-10x56 Klassik (***)	2.5-10.0	13.8-5.6	13.1-4.0	385	628	30	100 m fix	1.	---	---	1 cm
					674	LMS					
2.5-10x56 Klassik BDC H (***)	2.5-10.0	13.8-5.6	13.1-4.0	385	653	30	100 m fix	1.	32 cm	---	1 cm
					699	LMS					

## 3-12x50 Klassik



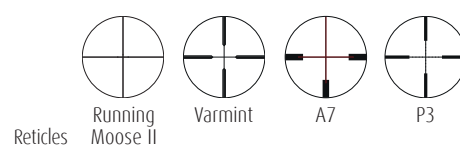
Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
3-12x50 Klassik	3.0-12.0	14.4-4.2	11.1-3.4	350	595	30	100 m fix	1.	---	---	1 cm
					614	LMS					
3-12x50 Klassik BDC H	3.0-12.0	14.4-4.2	11.1-3.4	350	620	30	100 m fix	1.	48 cm	---	1 cm
					639	LMS					
3-12x50 Klassik (***)	3.0-12.0	14.4-4.2	11.1-3.4	350	619	30	100 m fix	1.	---	---	1 cm
					638	LMS					
3-12x50 Klassik BDC H (***)	3.0-12.0	14.4-4.2	11.1-3.4	350	644	30	100 m fix	1.	48 cm	---	1 cm
					663	LMS					

## 3-12x42 Klassik



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

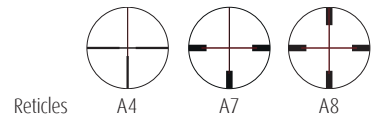
## 4-16x50 Klassik



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
4-16x50 Klassik	4.0-16.0	12.5-3.1	8.3-2.5	395	744	30	50 m - ∞	1.	---	---	1 cm
4-16x50 Klassik BDC H	4.0-16.0	12.5-3.1	8.3-2.5	395	769	30	50 m - ∞	1.	16 cm	---	0.5 cm

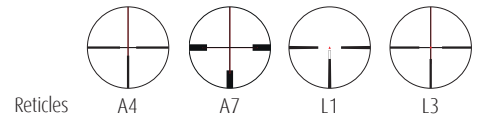
# Klassik

## 6x42 Klassik



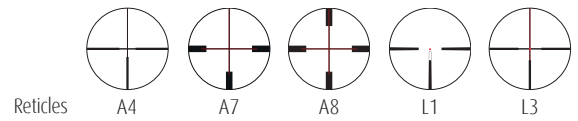
Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

## 7x50 Klassik



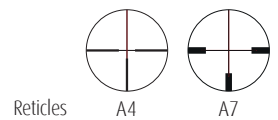
Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

## 8x56 Klassik

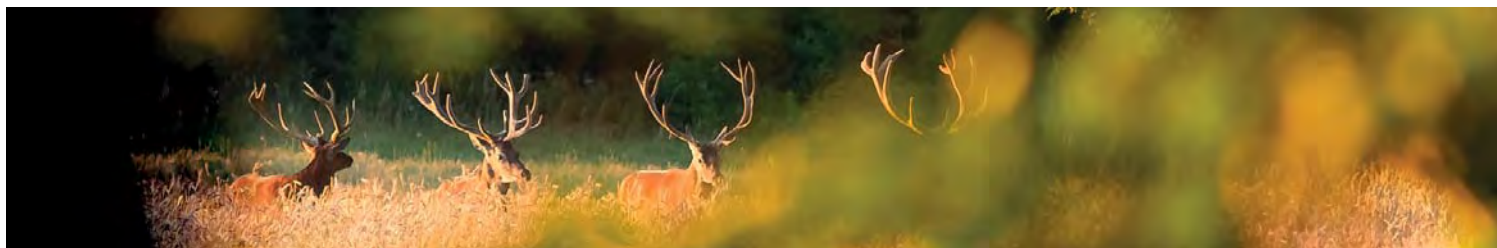


Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

## 10x42 Klassik



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------



## Hungaria

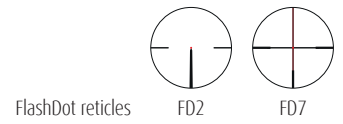
German quality ,Made in Hungary'

The tried-and-true sights in the Klassik line, in a more highly developed form, retain the classic shape and many of the technical details of the very first Schmidt & Bender sights.

The scopes in the Hungaria line are identical in terms of specifications and design layout to those in the Klassik line. They are manufactured to the same standard of quality in our Hungarian subsidiary ,Schmidt & Bender Hungaria': -German quality ,Made in Hungary'. This safeguards the Schmidt & Bender claim: ,Always premium - in all product lines'.

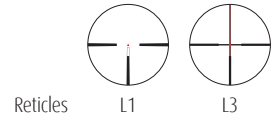
# Hungaria

## 1.25-4x20 Hungaria



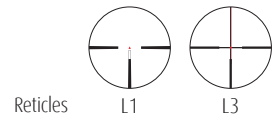
Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

## 2.5-10x56 Hungaria



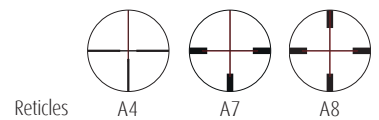
Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

## 3-12x50 Hungaria



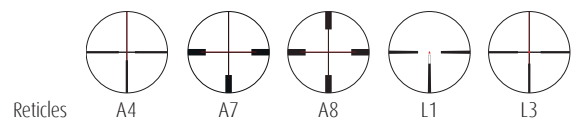
Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

## 6x42 Hungaria



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

## 8x56 Hungaria



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

# Overview of applications – Hunting



## Safari



2.5-10x40 Summit



1-8x24 Exos BDC



## Drivenhunt



1-8x24 Exos



1.1-5x24 Stratos



1.1-4x24 Zenith



1.25-4x20 Hungaria



## Stalking



1.5-8x42 Stratos



1.5-6x42 Zenith



3-12x42 Klassik



6x42 Klassik



4-16x50 Klassik



10x42 Klassik



7x50 Klassik



8x56 Klassik



6x42 Hungaria



2.5-10x56 Hungaria



3-12x50 Hungaria



8x56 Hungaria



## Raised stand hide



2.5-10x50 Polar T96



3-12x54 Polar T96



4-16x56 Polar T96



2.5-13x56 Stratos



2.5-10x56 Zenith



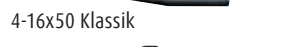
3-12x50 Zenith



2.5-10x56 Klassik



3-12x50 Klassik



10x42 Klassik



7x50 Klassik



8x56 Klassik



6x42 Hungaria



2.5-10x56 Hungaria



3-12x50 Hungaria



8x56 Hungaria

# Mission Police & Military



**The scopes intended for use by the police and the military are developed in close collaboration with the special forces of police and military around the globe. What they all share in common is their outstanding reliability and precision, enabling the perfect shot over short, medium, long and very long distances.**

The versatile scopes in the PM II line cover every conceivable application scenario: from the use of a PM or PM II ShortDot scope on an assault rifle in house-to-house combat, to the use of a PM II High Power scope on a .50 BMG to engage tactical targets over extremely long distances. The world leadership role played by Schmidt & Bender PM II scopes was underscored significantly when it was used to win the Precision Sniper

Rifle competition of the American special forces, drawn from Army, Navy, Air Force and Marine Corps back in 2011. Prior to that, the 3-12x50 PM II emerged as the victor from a two-year test conducted by the US Marine Corps involving 25 other products, after which it became the scope used by the USMC. The products in the PM and PM II lines fall into various sub-groups. The products in the ShortDot line comprise the short sights with a size-thirty tube and FlashDot illumination, designed for use over short and medium distances. The other products in the PM II line comprise the sights on the size 34 tube for shooting over medium and long distances. These sights are available in a range of different variations in respect of their towers, illumination and reticles. This ensures that they can satisfy perfectly the needs of every application and the wishes of every customer.



**5-25x56 PM II PSR** - winner of the **Precision Sniper Rifle (PSR)** program of the United States Special Operation Command. Ever since 2011, Schmidt & Bender has been supplying the special forces of Army, Navy, Air Force and Marines with the Schmidt & Bender 5-25x56 PM II PSR scope.

## Adjustment turrets for elevation and windage

The scopes in the PM and PM II lines are offered with various versions of the elevation and windage adjustment turrets. These come with every conceivable type of adjustment. Single turn or double turn, lockable or non-lockable, tactile or visible rotational indicator, MTC and Zerostop. Distinctions are also made in terms of the unit of adjustment - mrad, cm or MOA - and in the direction of rotation - clockwise or anti-clockwise. The following basic types of turret are available to choose from:

## Lockable single turret for elevation and windage on the ShortDot sights

This small and convenient turret on the 30 mm tube is locked in its starting position and it can be rotated by pulling it upwards.







## Simple single turn for elevation and windage on the PMII sights

This is the basic version for the military PMII sights. The individual clicks are clearly tactile when turned, and can be set precisely and individually.



## Double turn with visual rotational indicator

This modern turret with visible rotational indicator has two rotational settings and is therefore ideally capable of providing the adjustment travel for long-range shots. The indicator changes during the transition to the second rotation from black to yellow.



## Double turn with tactile rotational indicator and MTC function

This technically complex turret has a tactile rotational indicator that appears in annular (ring) form on the turret during the transition to the second rotation. In addition, at every 10th click, the tactile response is more pronounced, making fast adjustment possible without having to look at the turret.



## Single turn with zero stop function

This turret features a more pronounced click at zero, making it quick and easy to return to the starting position.



## Lockable double turn with tactile rotational indicator and MTC function

This lockable turret has a tactile rotational indicator that appears on the turret during the transition to the second rotation. In addition, at every 10th click, the tactile response is more pronounced, making fast adjustment possible without having to look at the turret. The locking action is triggered by pulling up the outer ring, and is set by pressing it back down again. A red symbol indicates the 'Locked' condition.



## Lockable single turn with zero stop function

This lockable turret features a more pronounced click at zero, making it quick and easy to return to the starting position. The locking action is triggered by pulling up the outer ring, and is set by pressing it back down again. A red symbol indicates the 'Locked' condition.



## Ultra-flat lockable single turn with MTC function

This latest development of a lockable single-turn turret is unusually flat and features an incredible 170 clicks with a more pronounced click at every 10th click. The locking action is triggered by pulling up the outer ring, and is set by pressing it back down again. A red symbol indicates the 'Locked' condition.



## Ultra-flat lockable double turn with tactile rotational indicator and MTC function

This latest development of a lockable double-turn turret is also unusually flat and features an incredible 350 clicks with a more pronounced click at every 10th click. The second turn is indicated by a gold-coloured pin that appears out of the top of the turret. Due to its colour (black - red - gold), Schmidt & Bender calls this the Deutschland Turm, the 'Germany Turret'. The locking action is triggered by pulling up the outer ring, and is set by pressing it back down again. A red symbol indicates the 'Locked' condition.



## Flat windage turret with cap

This special turret is intended primarily for use with a tactical reticle. With this, after the sights have been zeroed, no further windage adjustment is required. The turret can then be protected by the cap from accidental misalignment.



# PM II Ultra Bright



- 96% Transmission
- 40°
- 4 ZOOM
- 34 mm
- Lightbulb icon
- DT DOUBLE TURN
- LT LOCKING TURRETS
- MTC MORE TACTILE CLICKS
- ZS ZERO STOP
- P PARALLAX
- RAL COLOR YOUR SCOPE

**NEW**



## PM II Ultra Bright

The brightest tactical Long Range scope of all time.

The latest military development is the PM II Ultra Bright line. This is an entirely new design, with rounder shapes and flat turrets. The primary consideration here is shooting in poor lighting conditions.

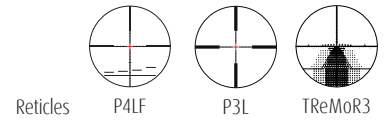
With a transmission of 96 %, the two scopes can also assure optimum target acquisition at dusk without the need for any additional sighting aids. The 3-12x54 PM II Ultra Bright and the 4-16x56 PM II Ultra Bright introduce two entirely new marksman scopes to the market, of inte-

rest to police and military, as well as to competition marksmen with high ambitions.

This new product line also refined the specifications - a bigger field of view, a greater adjustment range and a comfortable exit pupil. All of these features will be welcome additions to a marksman. The ultra-precise parallax setting enables the perfect shot to be taken at any distance. The scopes in the PM II Ultra Bright line are available with illumination, and can be supplied with various tactical and sports reticles in the first focal plane.

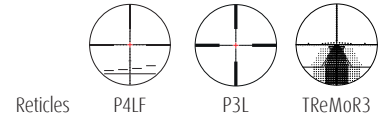
# PM II Ultra Bright

## NEW 3-12x54 PM II Ultra Bright



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

## NEW 4-16x56 PM II Ultra Bright



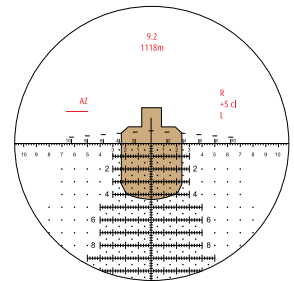
Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

# PM II Digital



## PM II Digital

MAKE YOUR SCOPE SMART.



### The new PM II Digital line was developed on the basis of a specification for the optimum marksman situation.

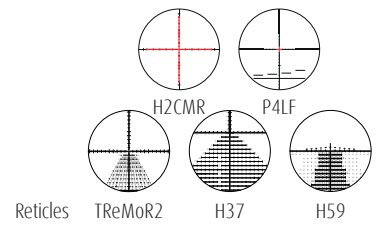
It combines the capabilities of a normal scope with the modern facilities of digital technology: The information from compatible external devices – laser distance measuring units, ballistics calculators or others – can be displayed at the touch of a button in the field of view of the marksman. This means that a marksman, lying prone behind the weapon, can retain

a view of all information required for target acquisition, and it therefore able to concentrate on this specific mission.

On this scope, it is possible at present to exchange data via a cable, or via a Bluetooth interface. Apart from the modified scope head, the scope remains unchanged as such in terms of its functions - and the scope can continue to be used as before, even without external devices.

# PM II Digital

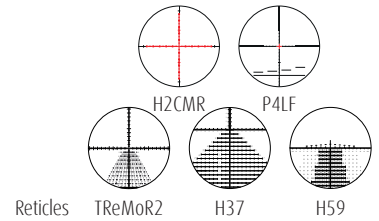
## 3-27x56 PM II High Power Digital



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

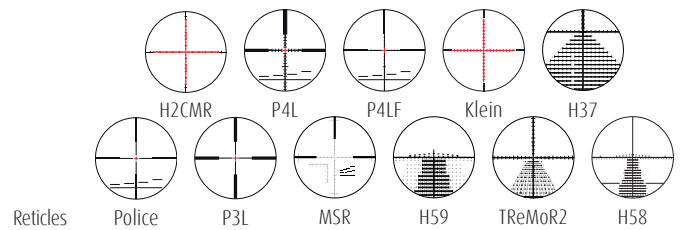
**NEW**

## 3-27x56 PM II High Power Digital BT



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

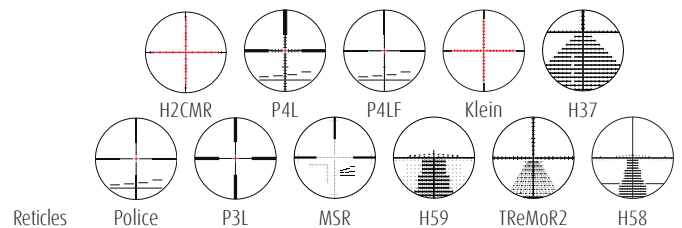
## 5-25x56 PM II Digital



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

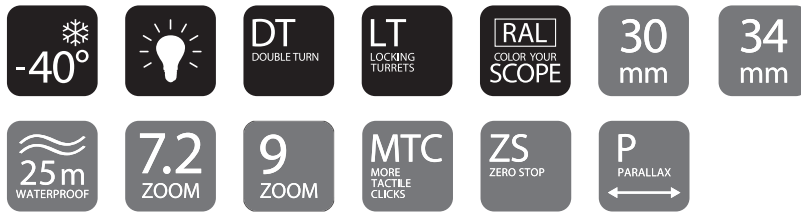
**NEW**

## 5-25x56 PM II Digital BT



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

# PM II High Power



## PM II High Power

Exceptionally high zoom factors for maximum flexibility.

**The development history of the High Power line is almost as unusual as its scopes. When the USSOCOM was looking for a new scope for shooting at extreme distances, Schmidt & Bender was quickly there – it was to be a 9x zoom lens, and so it came to pass.**

The 3-27x56 PM II High Power became the first military scope to be developed with a 9x zoom factor, an adjustment range of more than 4 metres over 100 metres, a length of less than 40 cm and an incredible field of view of 13 metres. Then, when SOCOM decided in favour of this scope, it became a perfect success. With good reason too. As well as its extraordinary specifications, this scope combines all of the benefits of the tried-and-true 5-25x56 PM II PSR and the 3-20x50 PM II,

making it the logical high-tech further development of existing products for use on current, new and future weapons systems.

The second scope, the 1.1-8x24 PM II High Power, established itself in the exclusive range of exceptional scopes in the High Power line. With a high zoom factor of 7.2, a 30 mm centre tube diameter and a ballistic special reticle with horseshoe structures and restrained dimensions for close-quarter battle, this is the ideal companion for urban warfare environments.

The latest addition to the High Power line is the 5-45x56 PM II High Power. As well as the unusual magnification range, it is above all the ultra-flat and functional turrets on this gigantic unit that deserve mention among the Long Range scopes.

# PM II High Power

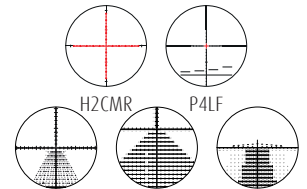
## 1.1-8x24 PM II High Power



Reticles BR-1

Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

## 3-27x56 PM II High Power

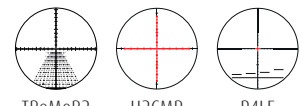


Reticles TReMoR2 H37 H59

Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

**NEW**

## 5-45x56 PM II High Power



Reticles TReMoR2 H2CMR P4LF

Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

# PM II Ultra Short



- 40°
- 34 mm
- Lightbulb icon
- LT LOCKING TURRETS
- MTC MORE TACTILE CLICKS
- P PARALLAX
- RAL COLOR YOUR SCOPE
- 25m WATERPROOF
- 4 ZOOM
- 6.7 ZOOM
- ZS ZERO STOP
- DT DOUBLE TURN



## PM II Ultra Short

The shortest marksman scope of all time.

**The extremely short 5-20x50 PM II Ultra Short gave its name to the 'PM II Ultra Short' line.**

This scope measures less than 30 cm in length and is ideal for use on short, lightweight weapons and, with its short design, it also permits a combination with a front-mounted night vision device for accurate shooting during night-time deployments. The lower end of the magnification range is ideal for use with a tactical reticle while the unusually flat, lockable height turret provides a way of covering closer distances by fitting an additional red dot sight to the scope. The big field of

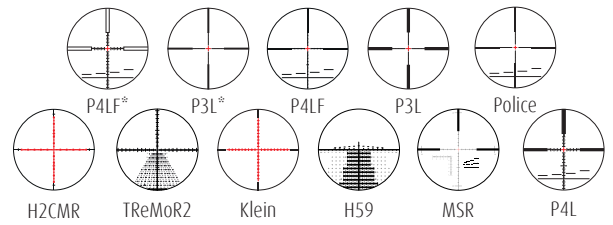
view also provides perfect conditions for observation, and the large upper 20x zoom lens is ideal for the identification of targets at great distances.

The 3-20x50 PM II Ultra Short became the second scope in this range. This one answers the question of how short a scope with the specifications of a normal 3-20x50 PM II can be: In fact, it measures just 34.5 cm from ocular to objective lens and is therefore ideal for use in combination with a front-mounted night vision unit or a thermal imaging device.



# PM II Ultra Short

## 3-20x50 PM II Ultra Short

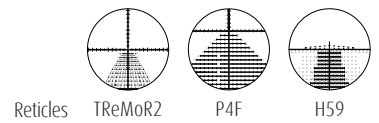


Reticles

Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

\*Reticles 2. focal plane

## 5-20x50 PM II Ultra Short



Reticles

Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

# PM II ShortDot



30  
mm

34  
mm

4  
ZOOM

5  
ZOOM

8  
ZOOM

RAL  
COLOR YOUR  
SCOPE

CC  
CLOSE  
COMBAT  
MODE

LT  
LOCKING  
TURRETS



## PM II ShortDot

Small, compact and pinpoint accuracy

**Our PM II ShortDot scopes were tailor-made for mobile use in urban terrain and have been adapted continuously to suit the new requirements of these combat environments.**

The perfectly round red dot in the first or second focal plane can be switched off altogether, and it assures quick and optimum target acquisition. Its brightness can be adapted to suit any situation - from night vision capability to fierce sunlight, and it disappears automatically when switched off to facilitate unobstructed observation of the target, which is of particular benefit at high levels of magnification.

The 30mm tube for most of the scopes in this line was selected for minimum weight, and the lockable turrets were specifically developed for safe transport. The coin slot enables turrets to be zeroed very easily. And of course, they are available with suitably adapted ballistic engraving.

The 1.5-8x26 PM II ShortDot is a new development, the first scope in this line to be equipped with a 34mm tube and a full-metal version. Initially, it was developed for use on the G28, 7.62 calibre gun, and it therefore has a wide adjustment range, an unusually fast adjustment facility adapted from our Long Range scopes, and it can be ordered in various camouflage colour schemes.

## 1.1-4x20 PM II ShortDot



Reticle CQB

Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

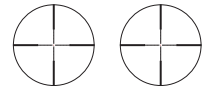
## 1.5-6x20 PM II ShortDot



Reticle P3

Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

## 1-8x24 PM II ShortDot



Reticles Mildot CC Mildot CC\*

Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

\*Reticles 2. focal plane

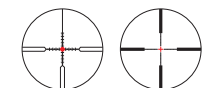
## 1-8x24 PM II ShortDot CC



Reticle CQB2 2.BE

Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

## 1.5-8x26 PM II ShortDot



Reticles CQB P3

Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

# PM II



**PM II**  
Proven accuracy  
for all fields of application.

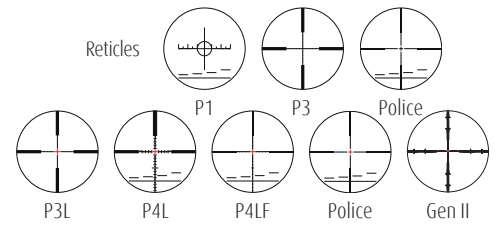
Our world-famous PM II line comprises the 3-12x50 PM II and 5-25x56 PM II scopes that really made a name for themselves through deployment with the American USMC special forces as well as the US Navy, Air Force and Army.

However, other scopes in this same line also enjoy a superlative global reputation. Whether the 3-20x50 PM II, in use since 2011 on the

German Army's G28, or the basic configuration of the 3-12x50 PM II without parallax adjustment used by the SEK. Above all, this line is characterized by its wide range of configurations. A vast array of turrets like the classic Single Turret, the Tigerente [Tiger Duck] or the more recent lockable Double Turret with MTC clicks, various colours, special colour and laser filters facilitate optimum adjustment to suit personal requirements.

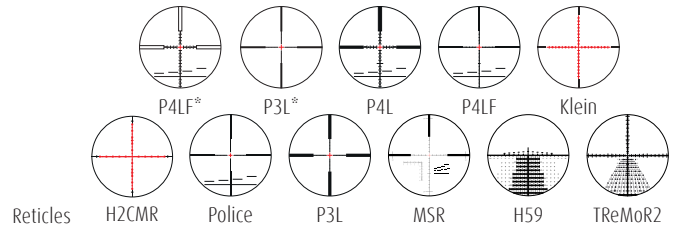
# PM II

## 3-12x50 PM II



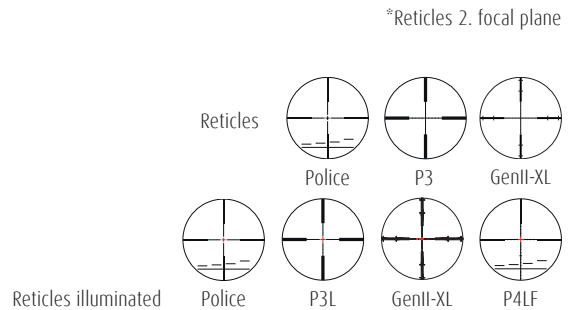
Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

## 3-20x50 PM II



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

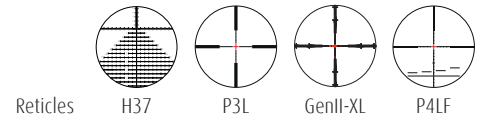
## 4-16x50 PM II



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

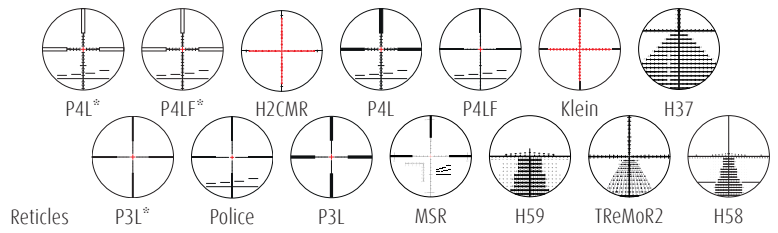
# PM II

## 4-16x42 PM II



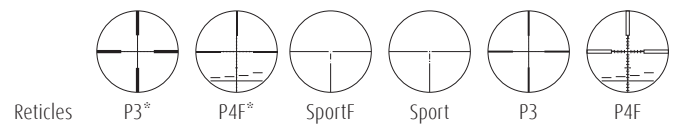
Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

## 5-25x56 PM II



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

## 12-50x56 PM II



Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

\*Reticles 2. focal plane

\*Reticles 2. focal plane

# Overview of applications – Police & Military



## Short distance

## Medium distance

## Long distance

## Ultra long distance



3-12x54 PM II Ultra Bright



5-45x56 PM II High Power



4-16x56 PM II Ultra Bright



3-27x56 PM II High Power



1.1-8x24 PM II High Power



3-27x56 PM II High Power Digital



1.1-4x20 PM II ShortDot



3-20x50 PM II Ultra Short



3-27x56 PM II High Power Digital BT



1-8x24 PM II ShortDot



5-20x50 PM II Ultra Short



5-25x56 PM II



1.5-6x20 PM II ShortDot



5-25x56 PM II Digital



1-8x24 PM II ShortDot CC



3-12x50 PM II



5-25x56 PM II Digital BT



1.5-8x26 PM II ShortDot



4-16x50 PM II



4-16x42 PM II



3-20x50 PM II



12-50x56 PM II



## Field Target II

The ultra-precise Long Range scope with a very special set of accessories for the sports marksman who wishes to achieve great things.

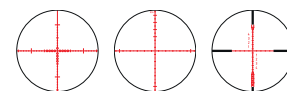
**In close collaboration with sports marksmen, Schmidt & Bender has developed the 12.5-50x56 Field Target and the 3-12x42 KK50 scopes specifically for the sport of marksmanship.**

The well-proven, zero-backlash parallax compensation of our tactical scopes enables us to achieve superlative levels of measuring precision of between 9 and 70 metres. Any accidental heating of the scope caused by sunlight is minimized by the visually attractive titanium surface design. In the new revised version of the Field Target scope,

the influence of ambient temperature is minimized and a scope has been developed with a hitherto unachieved level of stability and precision for sports marksmen. There is a range of different Field Target reticles, available for the second as well as for the first focal plane. The scope of delivery includes a quick reticle adjustment feature, a sun visor, an indicator parallax including a liquid level and a magnetic clip-on sidewheel. The parallax compensation is now engraved from 9 metres to infinity, making the scope also suitable for other competitive marksmanship disciplines. It is the perfect partner for sports marksmen and championship contenders, compelling not just for its performance but also for its elegant appearance.



## 12.5-50x56 Field Target II



Reticles Sport-FT1L Sport-FT2L Sport-FT3L

Model	Magnification	Exit pupil (mm)	Field of view (m/50m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	-----------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

## 3-12x42 KK50



Reticle KK50

Model	Magnification	Exit pupil (mm)	Field of view (m/100m)	Length (mm)	Weight (g)	Main tube-Ø (mm)	Parallax adjustment	Focal plane	Elevation adjustment	Windage adjustment	Click mechanism
-------	---------------	-----------------	------------------------	-------------	------------	------------------	---------------------	-------------	----------------------	--------------------	-----------------

# Nightvision



## Nightvision

The first intelligent and modular night vision goggles in the world.

**The new Schmidt & Bender night vision goggles for the government authority market is a logical further development of commonly employed standards to meet modern requirements for maximum flexibility and modularity.**

It comprises two separate monoculars that can be interconnected by means of an intelligent bridge. This creates a module - two monoculars and a bridge with helmet interface - that makes it possible to use this device in various situations:

- Binocular mounted on helmet - also as a driver assistance system
- Monocular mounted on helmet
- Monocular hand-held

- Monocular as device mounted in front of the scope
- Monocular behind the scope

The special feature of this system is the patent-pending intelligent bridge that enables batteries to be replaced during normal operation - without the loss of stereo vision. One monocular provides energy to the other one via the bridge until full battery power is restored.

Another function of the bridge is the transmission of control impulses from one monocular to the other. When one monocular is switched on, the other one is switched on too. When the infra-red lighting is illuminated, this same function is also enabled on the other monocular. The functionality of the night vision goggles is vastly superior to that of the familiar standard. A wide field of view of 45°, a comfortable distance from the eyes of 25 mm that enables shrapnel protection goggles to be worn behind the night vision device, an F-number of 1.2, superlative

# Nightvision

resolution, a focal width of 30 cm to infinite, infra-red lighting with two selectable stages and compatibility with AA and CR123 batteries are just a few of the noteworthy properties.

Of course, the night vision goggles - when worn on the helmet - have an automatic disengagement feature when the goggles are folded upwards, activated by a magnetic switch.

For daytime training, daylight filters can be screwed into the filter

thread in front of the objective lenses. Provision is made for interrogating the operating hours and data from this device via an adapter. An expansion option is also provided for, in the form of an external battery pack and a connection to an on-board power adapter.

In overall terms, the night vision goggles - or the monoculars, available singly - are offered as a complete system that provides all you could wish for or need in a tactical context.



## NIGHTVISION

Model	Magnification	Resolution (l/mm)	Field of view	Length (mm)	Width (mm)	Height (mm)	Weight (g)
Nightvision Monocular	0.95x	64	45°	106.4	45	71,8	302

# Accessoires



## Killflash honeycomb filter

The honeycomb filters available for different sizes of objective lens minimize reflections from the objective lens frontline, preventing the marksman from being detected.

- Honeycomb filter Killflash 20 mm
- Honeycomb filter Killflash 24 mm RAL 8000
- Honeycomb filter Killflash 42 mm
- Honeycomb filter Killflash 50 mm
- Honeycomb filter Killflash 50 mm RAL 8000
- Honeycomb filter Killflash 50 mm RAL 8000 with lens cover
- Honeycomb filter Killflash 50 mm with lens cover
- Honeycomb filter Killflash 56 mm



## Lens cover

These objective lens protective covers were developed specifically for the discerning marksman. They can be folded up against the tube body, and engage easily in this position. The ease of rotation of the protective cover is also assured by means of some precision detents, meaning that it can always be moved into a position in which it does not obstruct the marksman when at work.

- Lens cover 24 mm with mounting ring
- Lens cover 24 mm with mounting ring RAL8000
- Lens cover 42 mm with mounting ring
- Lens cover 50 mm
- Lens cover 50 mm with mounting ring
- Lens cover 50 mm with mounting ring RAL 8000
- Lens cover 56 mm
- Lens cover 56 mm with mounting ring



## Ocular cover

The protective covers for scopes can be fitted to the head of the scope and lock into this position. Without adjusting the scope, these are easy to turn and can always be positioned outside the field of view.

- Ocular cover 43 mm
- Ocular cover 43 mm with mounting ring
- Ocular cover 43 mm with mounting ring RAL 8000
- Ocular cover für 1-8x24 / 3-20x50 / 5-20x50





## Grey filter

Our grey filters are made from high-quality glass and can be screwed into place in front of the objective lens if required.

- Grey filter 50 mm
- Grey filter 56 mm



## Yellow filter

Our yellow filters are made from high-quality glass and can be screwed into place in front of the objective lens if required.

- Yellow filter 50 mm
- Yellow filter 56 mm



## Polarization filter

The polarisation filter can be attached to the front of the scope, making it possible to see through panes of glass.



## Polarization filter

This new kind of polarisation filter can be screwed easily into the ocular, making it possible to see through panes of glass.

- Available for the especially adapted models 3-27x56 PMII High Power and 3-20x50 PMII



## Laser filter

Our laser filter is available for 532 nm (green) or 1064 nm (infrared) wavelength and can be screwed into place in front of the objective lens. The laser filter protects the shooters eye from getting hurt by laser radiation.

- Laser filter 50 mm
- Laser filter 56 mm
- Laser filter 50 mm RAL 8000
- Laser filter 56 mm RAL 8000



# Accessoires



## Sun shade

Sun shades are available for various objective lens diameters and in various colours, and prevent light from entering the lens at an angle and adversely affecting reflexes.

- Sun shade
- Sun shade objective 42 mm
- Sun shade objective 50 mm
- Sun shade objective 56 mm

## Butler Creek

The Butler Creek protective covers are the simplest form of protection for the lens elements on the scope and lens against soiling while in transit. They simply snap into place on whichever scope you care to use.

- Butler Creek ocular 43 mm
- Butler Creek ocular 48 mm
  
- Butler Creek objective 56 mm
- Butler Creek objective 50 mm



## Protective cover

These protective covers, used primarily for hunting, can simply be fitted over the scope, and can be stored easily in a pocket of a weapons case while hunting.

- Protective cover for 1-8x24
- Protective cover for 1.25-4x20 / 1.1-4x24
- Protective cover for 1.5-6x42
- Protective cover for 2.5-10x56 Zenith
- Protective cover for 2.5-10x56 Klassik
- Protective cover for 3-12x42 / 4-16x42 / 10x42

- Protective cover for 3-12x50 Zenith / 7x50
- Protective cover for 4-16x50 Klassik / PM II
- Protective cover for 6x42
- Protective cover for 4x36
- Protective cover for 5-25x56 PM II

## Cleaning Kit

The Schmidt & Bender cleaning kit enables you to clean and care for your scope properly.





## Field Target

The Field Target accessories can be purchased separately as individual items. This range was specifically designed for the challenging application of Field Target shooting.

- Sidewheel 130 mm Field Target
- Adapter for height adjustment of Field Target
- Parallax indicator with liquid level
- Energy container incl. battery
- Lightprotection ocular, 90 mm long



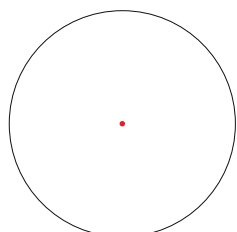
## Tactical Bag

For the safe transport of a dismantled scope, we recommend using our Tactical Bags, available in three different colours.

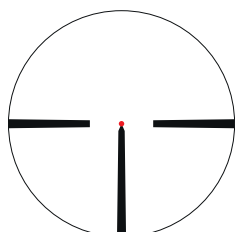
- Tactical Bag green
- Tactical Bag tan
- Tactical Bag black



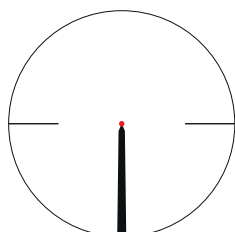
# Reticles Hunting



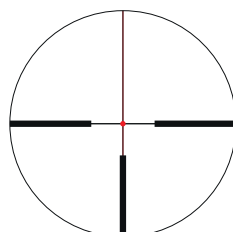
FD0



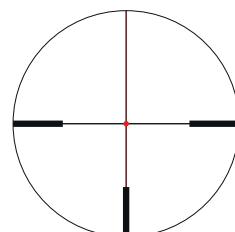
FD1



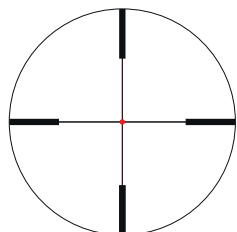
FD2



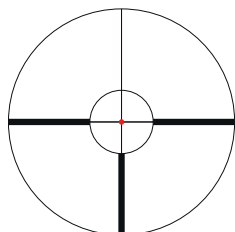
FD4



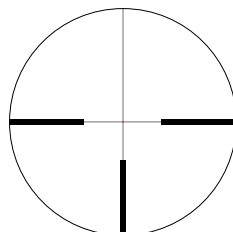
FD7



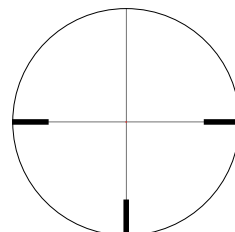
FD8



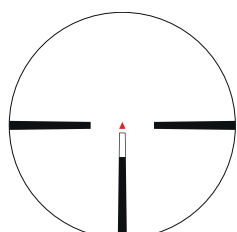
FD9



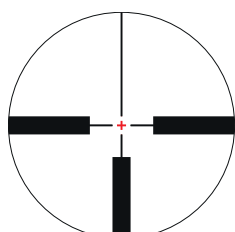
D4



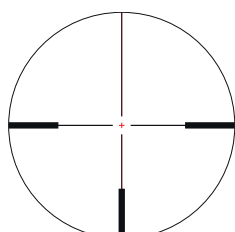
D7



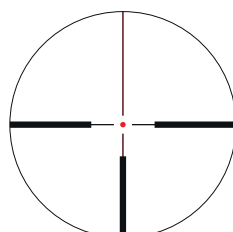
L1



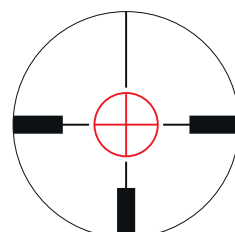
L4



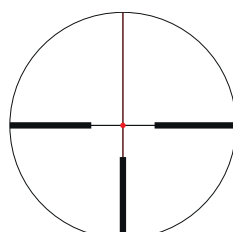
L7



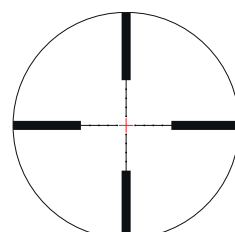
L3 (8x56)



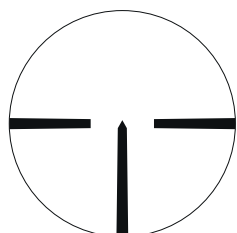
L9



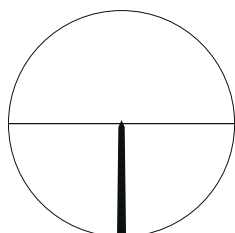
L3



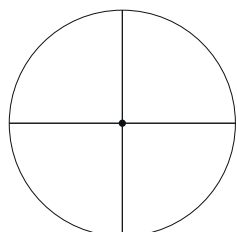
P3L



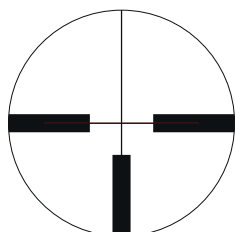
A1



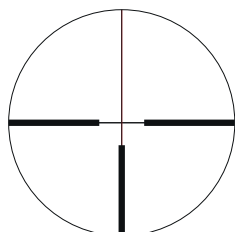
A2



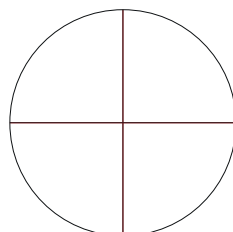
A3



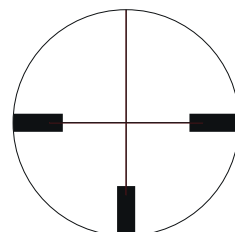
A4



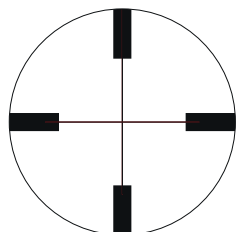
A4 fine



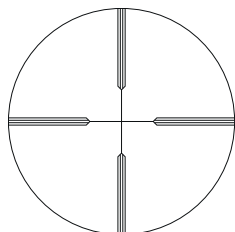
A6



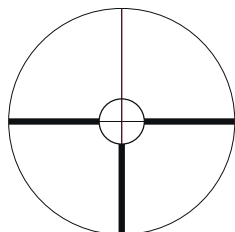
A7



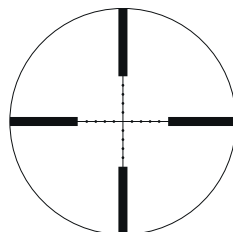
A8



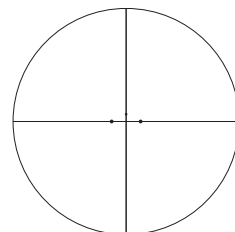
A8 Varmint



A9



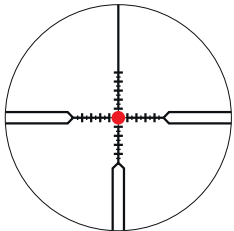
P3



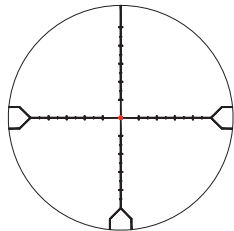
Running Moose II



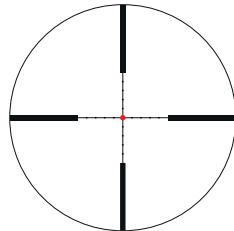
# Reticles Police & Military



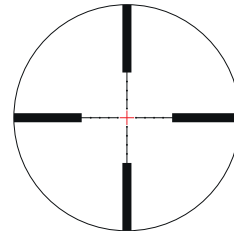
CQB



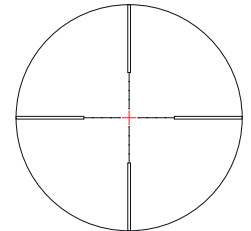
CQB2, 2. BE



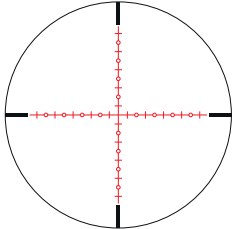
P3 MilDot FD



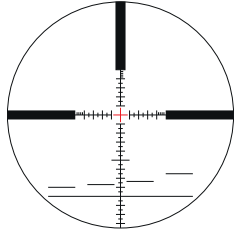
P3L MilDot, 1. BE



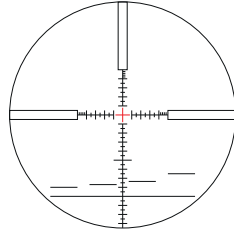
P3L MilDot, 2. BE



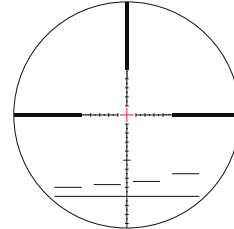
Klein



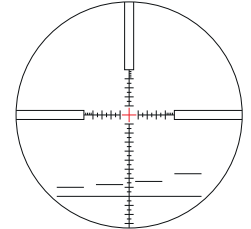
P4L, 1. BE



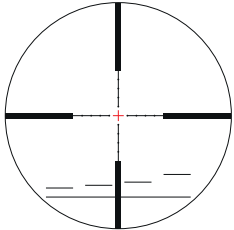
P4L, 2. BE



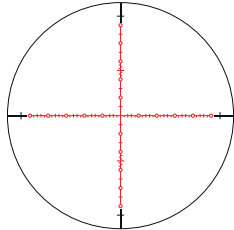
P4L fine, 1. BE



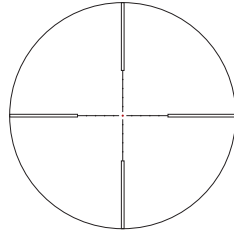
P4L fine, 2. BE



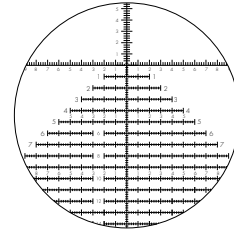
Police



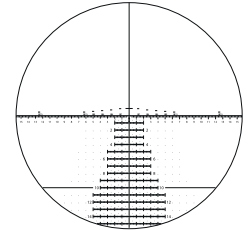
H2CMR



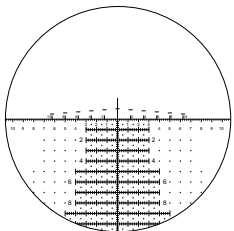
Mil-Dot CC



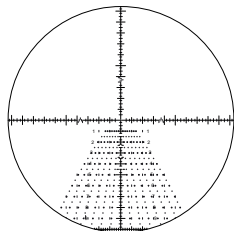
H37



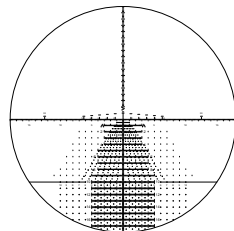
H58



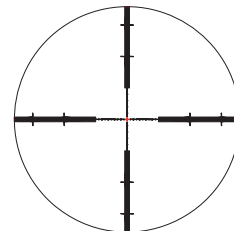
H59



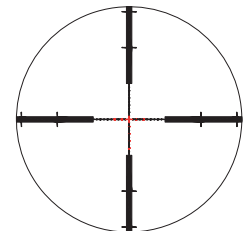
TReMoR2



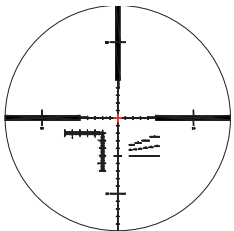
TReMoR3



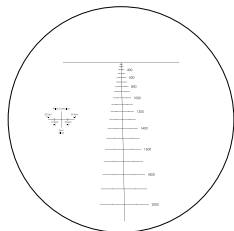
Gen II



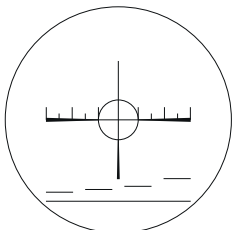
Gen II-XL



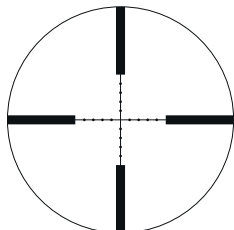
MSR



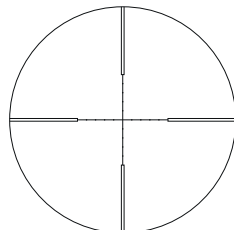
BR-1



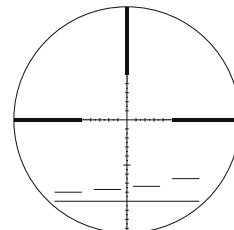
P1 Byrant



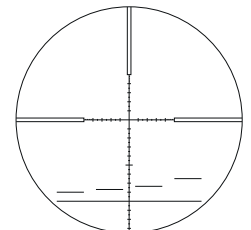
P3 MilDot, 1. BE



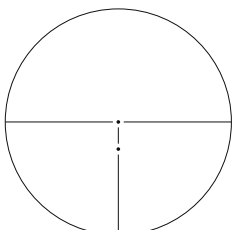
P3 MilDot, 2. BE



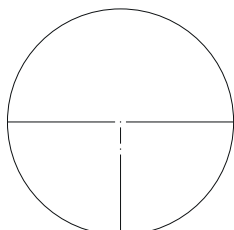
P4 fine, 1. BE



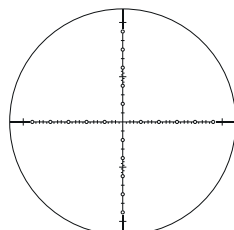
P4 fine, 2. BE



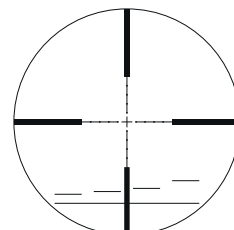
Sport



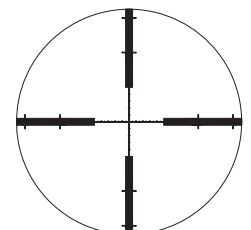
Sport fine



H2CMR

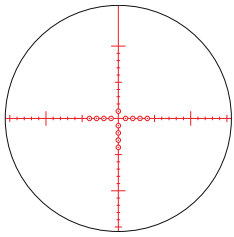


Police

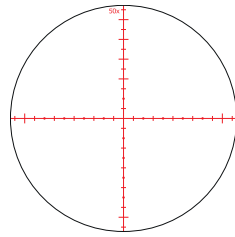


Gen II

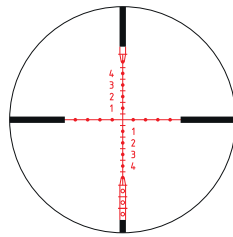
# Reticles Sports



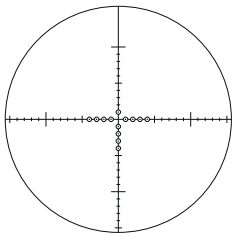
Sport FT1L



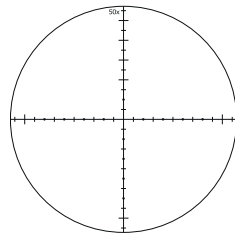
Sport FT2L



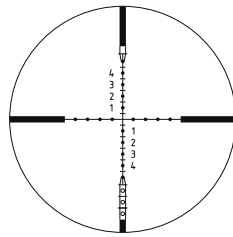
Sport FT3L



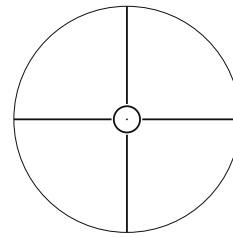
Sport FT1



Sport FT2



Sport FT3



KK50



# SCHMIDT BENDER

Schmidt & Bender GmbH & Co. KG  
Am Grossacker 42 | D - 35444 Biebertal, Germany  
T: +49 (0) 6409 - 8115 - 0 | F: +49 (0) 6409 - 8115 - 11  
info@schmidt-bender.de | www.schmidt-bender.com