

SCHMIDT & BENDER

CATALOG 2022



HUNTING



DEFENCE AND COMPETITION

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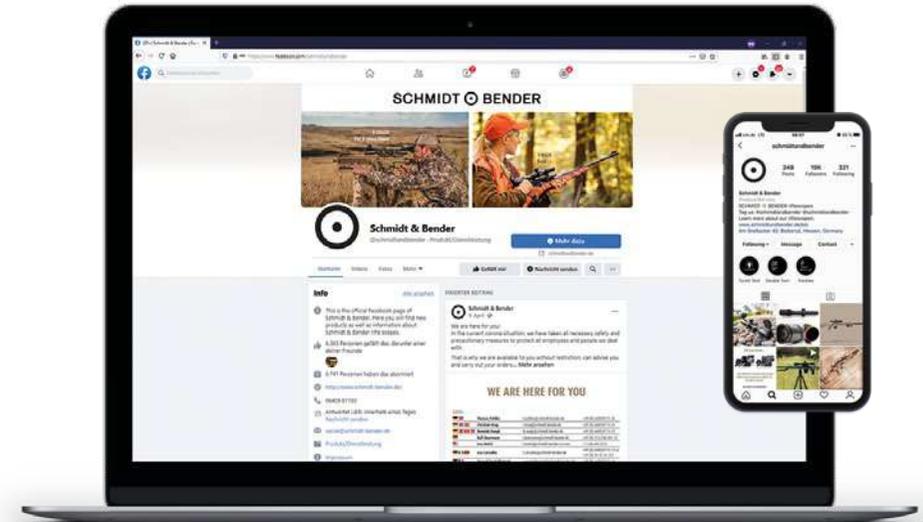
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PRECISION MAKES THE DIFFERENCE!

Schmidt & Bender has maintained a long track record as a pioneer in Quality and Precision, as well as Tradition and Innovation. These are synonyms for a company with a global name for ultra-high-quality riflescopes. We believe it is only those companies who determine to set themselves challenges that will experience the successful performance levels that only elite quality development and production can achieve.

Time after time, Schmidt & Bender measures itself against the best in the sector of the industry – and we do so very successfully. The overarching goal of our design and development work is to achieve our uncompromising quality targets. The manifest outcome is that we meet the highest features of quality in all categories of riflescope development: riflescopes that set new technical features and precision devices that impressively demonstrate our philosophy, “Precision Makes the Difference”!

Those committed to quality will be greatly impressed by Schmidt & Bender riflescopes. Our hunting products are built to service the various needs and applications for hunting, long-distance hunting and competition. Our PM II and competition products are designed and manufactured to best service the stringent specifications dictated by elite police and military forces around the globe as well as competition shooters. Schmidt & Bender assures our ongoing commitment to these quality features. This conviction is realized through the provision of superior technology and through setting the ultimate features of quality that others are measured against.

We encourage you to shoot Schmidt & Bender riflescopes and experience the ultimate in precision shooting success.



Founders: Helmut Bender and Helmut Schmidt

L-R: Werner Schmidt, Helmut Bender, Richard Schäfer, Dieter Seipp, Werner Schmidt and Helmut Schmidt.

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SEE WHAT'S NEW IN 2022

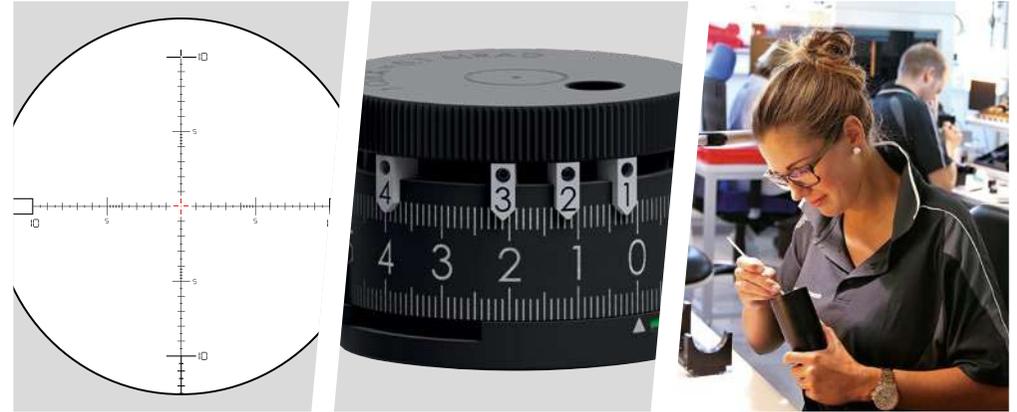
In 2022, Schmidt & Bender presents two new riflescopes: 3-18x42 and 6-36x56 PM II High Performance. Furthermore, we present newly developed features in 5-20x50 PM II Ultra Short, 5-25x56 PM II and 3-27x56 PM II High Power. The new riflescopes and all new features can be ordered today and will most likely ship end of 2022. See pages 8 and 28-35.

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4-16x56 Polar T96

HUNTING

Hunting has always been the essence of mankind and is probably the most powerful and intense natural experience ever known. It is a millenia-old combination of traditions, knowledge and craftsmanship.

Modern hunting with its technological developments stands in conflict with traditional heritage. With responsible sustainability and tradition as well as uncompromising quality and innovation, Schmidt & Bender is meeting this challenge. We develop our

riflescopes in this spirit by implementing new technological advancements according to our philosophy "Precision makes the difference". Those who seek the highest quality, will be inspired by Schmidt & Bender riflescopes.

OVERVIEW HUNTING LINE

NEW

Compact, powerful and versatile

3-18x42 **NEW**



EXOS

All-rounder for hunting and competition

1-8x24 Exos



3-21x50 Exos



APPLICATION

HIDE HUNTING	STALKING	FAST MOVING GAME	3-GUN, CQC AND IPSC	TARGET SHOOTING

POLAR T96

Brightest riflescopes of all time

2.5-10x50 Polar T96



3-12x54 Polar T96



4-16x56 Polar T96



ZENITH

Nice to look at but nicer to look through

2.5-10x56 Zenith



3-12x50 Zenith



KLASSIK

Hunting in its purest form

2.5-10x56 Klassik



3-12x42 Klassik



3-12x50 Klassik



4-16x50 Klassik



8x56 Klassik





3-18x42

THE RIFLESCOPE FOR ALL HUNTING



RETICLES

Second Focal Plane



FEATURES

- 6**
ZOOM
- 30**
MM
MAIN TUBE Ø
- 92%**
TRANSMISSION
- NEW**
LPI
ILLUMINATION
PARALLAX
INTEGRATED
- NIGHT-VISION
COMPATIBLE
- AUTO OFF
- 20m-∞**
PARALLAX
- POSICON**
- CT**
CAPPED TURRET
- 40 °C**
- 3m**
WATERPROOF
- BDC**
BULLET DROP
COMPENSATION
- LT**
LOCKING
TURRET

The 3-18x42 is the newest development from Schmidt & Bender. This compact, powerful and versatile hunting riflescope combines all relevant features and makes it a true all-rounder. The slim and short aircraft grade aluminum 30 mm tube saves weight and yet is rugged for combining it with night vision devices. Due to the patented optical design it combines a superb image quality with a great field-of-view along with extremely high light transmission. A newly designed BDC II-B represents a sophisticated elevation turret which can be calibrated to the ballistic of your rifle in an easy and flexible way. The 3-18x42 is made by hunters for hunters who seek a most advanced riflescope for utmost hunting success.

TURRET CONFIGURATIONS

POSICON CT / POSICON CT

BDC II LT / POSICON CT

NEW

BDC II-B LT / BDC II LT

APPLICATION

ULTRA LIGHT

HUNTING

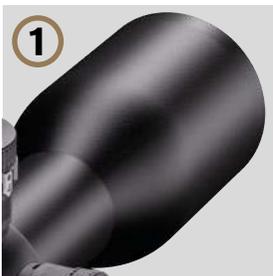
LONG DISTANCE

HIDE HUNTING

STALKING

FAST MOVING GAME

NEW FEATURES FOR 3-18x42



1. 42 mm Objective

The lean and slim 42 mm objective makes the 3-18x42 a very handy riflescope. The quick LP7 reticle with illuminated red dot in second focal plane, the generous eye-box and the big field-of-view of 14.5 m/100 m resp. 43.5 ft/100 yd* provides excellent situational awareness especially when focusing on fast moving game or when stalking. An outstanding light transmission of 92 % guarantees a crystal clear image for great detail recognition which is crucial for identifying game. When darkness falls, the short and rugged design is a perfect fit for rear or front mounted night vision attachments.



2. LPI (Illumination Parallax Integrated)

The new 3-18x42 hunting riflescope features our innovative "LPI" which stands for the German words "Leucht-Parallaxe-Integriert" and means „Illumination Parallax Integrated“. This new and very easily operable illumination control is integrated into the parallax adjustment and allows a better mounting solution. It also enables a better left handed use. The very compact illumination/parallax adjustment retains the familiar features: on the outer side the smaller and easy to operate illumination knob has 11 functional steps with "off" positions between each step. The bigger knob which is next to the tube operates the very precise side focus/parallax adjustment. It starts at 20 m/22 yd for close distances and goes up to infinity – which is most beneficial when using night vision devices. Both knobs are clearly distinguished by size and feel while the engravings of each turret can be read or adjusted while in shooting position – also with gloves.



3. BDC II-B (Bullet Drop Compensation II-Ballistic)

The BDC II-B allows the operator to easily set-up his own calibrated turret according to the ballistic of the rifle. The BDC II-B turret provides 6 position indicators marked 1-6 which correlate to 100 m/yds-600 m/yds. The position indicator can be placed at any position on the turret according to the ballistic coefficient. When using a silencer or interchangeable barrels, the position indicators are easy to adjust to the given environment conditions. Best of all: in the latter case it is also possible to use an interchangeable turret cap which matches the modified ballistic of the rifle. A Mode Lever locks or unlocks the turret. The BDC II-B turret – just like ST II-B (see page 11) – gives the hunter the fastest and most precise turret dialing solution.



*Field-of-view [USA] (ft/100 yd): 37.2



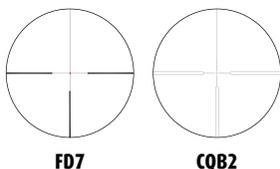
1-8x24 Exos

QUICK ACQUISITION FOR FAST MOVING GAME



RETICLES

Second Focal Plane



FD7

CQB2

TURRET CONFIGURATIONS



POSICON CT / POSICON CT

BDC II LT / POSICON CT



FEATURES

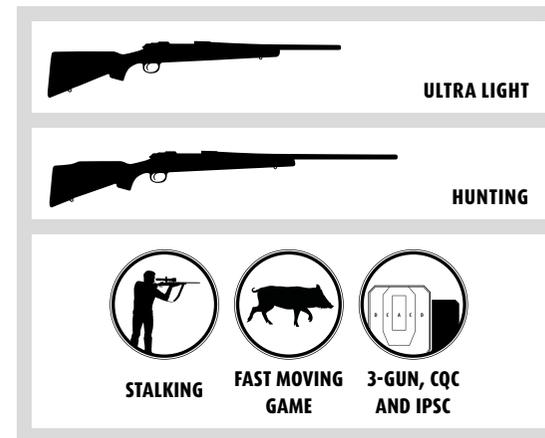


This rugged and compact 8x zoom 1-8x24 Exos riflescope equips you perfectly for stalking or driven hunts/fast moving game. Whether in familiar hunting grounds or when hunting abroad: our patented CC-Mode on 1x magnification provides you with a brilliant optical performance and guarantees quick acquisition – just like a red dot sight. On the other hand the 8x zoom enables shots at distant targets which defines it as a very versatile riflescope.

EXOS TMR – perfect for 3-Gun, CQC and IPSC

See further information on page 22.

APPLICATION



ULTRA LIGHT

HUNTING

STALKING

FAST MOVING GAME

3-GUN, CQC AND IPSC



Watch the 1-8x24 Exos video now

Simply scan the QR code or enter <https://youtu.be/318MzTcAkSQ> into your web browser.

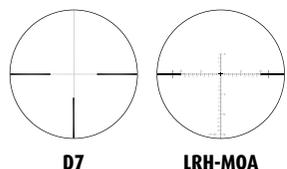
3-21x50 Exos



STAY ON TARGET FROM CLOSE TO FAR

RETICLES

Second Focal Plane



D7

LRH-MOA

FEATURES



This 7x zoom 3-21x50 Exos rifle scope is perfect for hide hunting, long-distance hunting or target shooting. In combination with our ST II-B turret, the Exos allows the shooter to easily “stay on target” at varying distances in a simple and flexible way. The crystal clear image quality is optimized to the human eye which is extremely important to hunters and shooters who need to exactly identify their target without eye exhaustion. Due to its military grade design it is also perfect for combining it with night vision attachments and makes it suitable for a lot of applications.



Watch the 3-21x50 Exos video now

Simply scan the QR code or enter <https://youtu.be/58m8caj2S4A> into your web browser.

TURRET CONFIGURATIONS



ST II LT / ST ZC CT

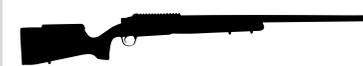


ST II-B LT / ST ZC CT

APPLICATION



HUNTING



LONG DISTANCE



HIDE HUNTING



STALKING



TARGET SHOOTING





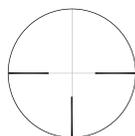
2.5-10x50 Polar T96

THE BRIGHTEST ALL-ROUNDER OF ALL TIME



RETICLES

Second Focal Plane



D7

TURRET CONFIGURATIONS

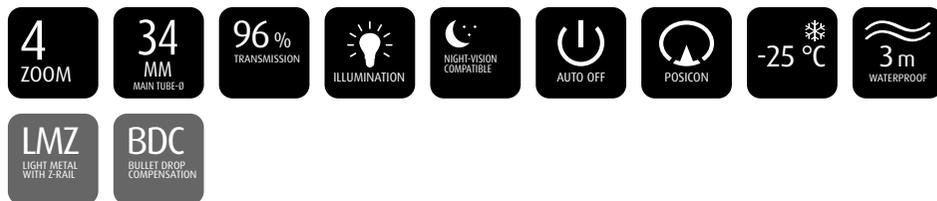


POSICON CT / POSICON CT

BDC II LT / POSICON CT



FEATURES



The 2.5-10x50 Polar T96 is perfect when hunting from a stand or ground blind. Due to its very compact design it is also suitable for fast moving game. The signature tube design with flowing lines forms an elegant appearance which enhances the look of your rifle. The lean 50 mm objective allows the riflescope to be mounted lower and yet still allows a better light transmission performance than other larger 56 mm objective due to its patented optical design.

APPLICATION



Download the Polar T96 Series flyer now

Simply scan the QR code or visit the website: schmidtbender.de/en/downloads/catalogs-flyers

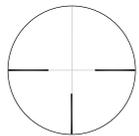
3-12x54 Polar T96

THE BRIGHTEST HUNTING RIFLESCOPE OF ALL TIME



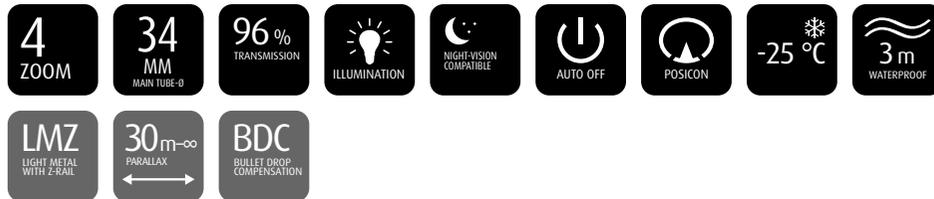
RETICLES

Second Focal Plane



D7

FEATURES



With its light transmission of more than 96 %, the 3-12x54 Polar T96 is the ideal riflescope for hide hunting and for shooting at medium distances in low light conditions. The lean 54 mm objective allows the riflescope to be mounted rather low and yet still allows a better light transmission performance than other larger 56 mm objectives due to its patented optical design. Furthermore, the optional parallax adjustment/side focus is ideal for attached night vision or thermal objective devices. If you are using such devices be sure to adjust your parallax adjustment/side focus in order to achieve the best possible image quality with this combination.



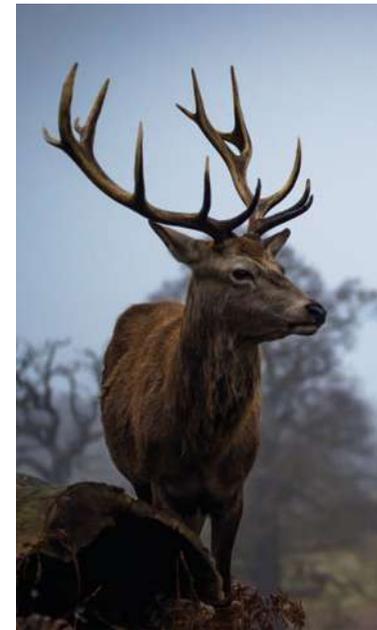
Download the Polar T96 Series flyer now

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TURRET CONFIGURATIONS



APPLICATION



4-16x56 Polar T96

THE BRIGHTEST RIFLESCOPE FOR LONG-DISTANCE SHOOTING



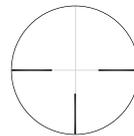
RETICLES

First Focal Plane



P4FL

Second Focal Plane



D7

TURRET CONFIGURATIONS



POSICON CT / POSICON CT



BDC II LT / BDC II LT

FEATURES



4
ZOOM



34
MM
MAIN TUBE Ø



96 %
TRANSMISSION



ILLUMINATION



NIGHT-VISION
COMPATIBLE



AUTO OFF



30m-∞
PARALLAX



POSICON



-25 °C



3m
WATERPROOF



LMZ
LIGHT METAL
WITH Z-RAIL



BDC
BULLET DROP
COMPENSATION

The 4-16x56 Polar T96 rifle scope is perfect for long-distance hunting and target shooting in low light conditions. The precise parallax adjustment/side focus enables to estimate distance while the patented optical design is extremely important to hunters and shooters who need to exactly identify their target without exhaustion. A clean D7 hunting reticle in Second Focal Plane or our most popular tactical reticle P4FL in First Focal Plane makes this rifle scope very versatile and suitable for different applications.

APPLICATION



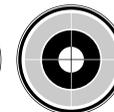
HUNTING



LONG DISTANCE



HIDE
HUNTING



TARGET
SHOOTING



Download the Polar T96 Series flyer now

Simply scan the QR code or visit the website: [schmidtbender.de/en/downloads/catalogs-flyers](https://www.schmidtbender.de/en/downloads/catalogs-flyers)

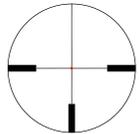
2.5-10x56 Zenith

AN ALL-ROUNDER NICE TO LOOK AT - NICER TO LOOK THROUGH



RETICLES

First Focal Plane



FD7

FEATURES



The 2.5-10x56 Zenith is perfect when hunting from a stand or ground blind. Due to its magnification range it is also suitable for fast moving game. In fact it is Schmidt & Benders most popular hunting riflescope with patented FlashDot illuminated reticle in First Focal Plane. One of the reasons for its popularity is the signature tube design with flowing lines which won the iF DESIGN AWARD. Apart from this, it has been proven to be perfect for objective or ocular mounted night vision devices.

TURRET CONFIGURATIONS



APPLICATION





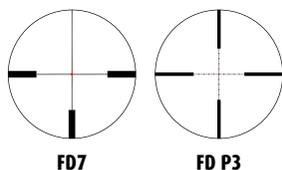
3-12x50 Zenith

NICE TO LOOK AT - NICER TO LOOK THROUGH



RETICLES

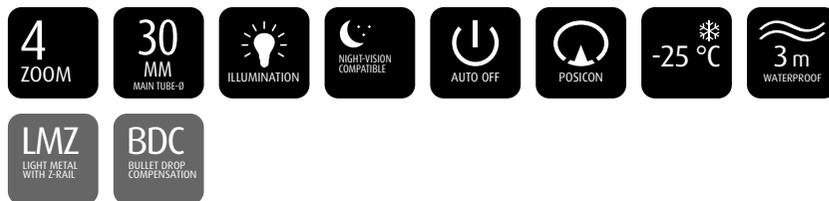
First Focal Plane



TURRET CONFIGURATIONS



FEATURES



APPLICATION



The 3-12x50 Zenith is the ideal riflescope for hide hunting and for shooting at medium distances. It also is available with our patented FlashDot P3 reticle (FD P3) in First Focal Plane which serves the more ambitious and modern hunter due to its MilDot design. Apart from this, it has been proven to be perfect for objective or ocular mounted night vision devices.

2.5-10x56 Klassik

HIDE HUNTING IN ITS PUREST FORM



RETICLES

First Focal Plane



L3

FEATURES



The 2.5-10x56 Klassik rifle scope is your ideal choice, when hide hunting for wild boars at night and for every hunting situation inhibited by poor light conditions. The large lens diameter and SCHOTT Glass helps the riflescope to make the best use of the last remaining light. Many hunters are surprised by the image brightness and contrast this riflescope generates, even in comparison to high-quality binoculars.

TURRET CONFIGURATIONS

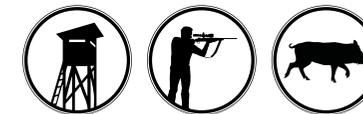


KLASSIK CT / KLASSIK CT

APPLICATION



HUNTING



HIDE
HUNTING

STALKING

FAST MOVING
GAME





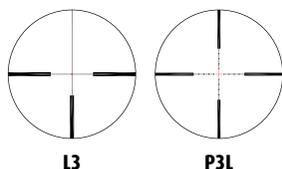
3-12x42 Klassik

COMPACT ELEGANCE IN ITS PUREST FORM

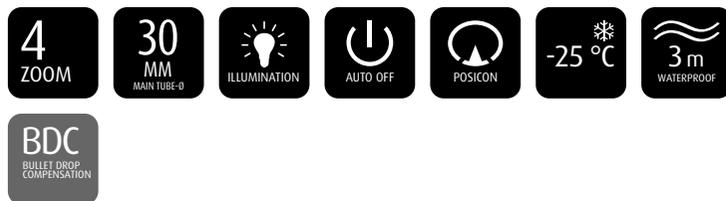


RETICLES

First Focal Plane



FEATURES

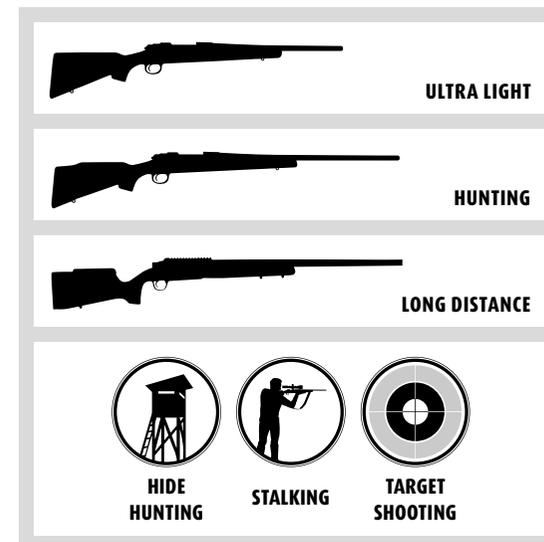


The compact 42 mm objective gives the 3-12x42 Klassik an utmost elegant design which fits perfectly to classic looking rifles. The signature lean design allows the riflescope to be mounted at a rather lower height which improves the practicality of the whole rifle system. This and the very reliable and rugged construction makes it also perfect for hunting abroad.

TURRET CONFIGURATIONS



APPLICATION



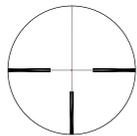
3-12x50 Klassik

HUNTING ABROAD IN ITS PUREST FORM



RETICLES

First Focal Plane



L3

FEATURES



With its magnification of up to 12x zoom the 3-12x50 Klassik is suited ideally for close ranges as well as for hunting at longer distances. The 50 mm objective offers an excellent optical performance when facing low light conditions. While being the basis of our world famous 3-12x50 PM II USMC (U.S. Marine Corps) version it is perfect for hunts abroad under conditions that are very much different from the conditions prevailing in their hunting territories at home.

TURRET CONFIGURATIONS



APPLICATION





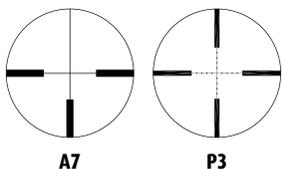
4-16x50 Klassik

LONG-DISTANCE HUNTING IN ITS PUREST FORM



RETICLES

First Focal Plane



TURRET CONFIGURATIONS



FEATURES



Having a brilliant image quality even on 16x magnification and combined with the comfortable parallax adjustment/side focus the 4-16x50 Klassik is perfect for hunting sensitive and distant game. This application is supported by a fine and unique 0.5 cm click value BDC turret adjustment which gives this riflescope an extra portion of precision. Over the decades, our well experienced engineers have steadily improved and optimized this riflescope which also can be used for target shooting.

APPLICATION



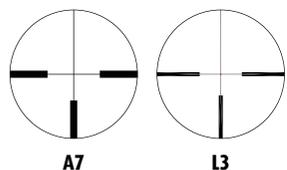
8x56 Klassik

SIMPLICITY IN ITS PUREST FORM



RETICLES

First Focal Plane



A7

L3

FEATURES



The 8x56 Klassik is THE specialist for the hide hunt at a baiting place or for spotlighting. The fixed power riflescope parameters guarantee a great optical performance for hunters who are hunting or shooting on 8x magnification anyway. It is therefore ideal for the traditional hunter who seeks a no-nonsense riflescope made purely for one purpose: hunting.

TURRET CONFIGURATIONS



APPLICATION





5-45x56 PM II High Power

DEFENCE AND COMPETITION

Schmidt & Bender PM II riflescopes are intended for use by police, military and competition shooters worldwide.

Our riflescopes are developed in close collaboration with police and military special forces well as competition shooters around the globe. All PM II riflescopes share outstanding reliability and precision, enabling the perfect shot over short, medium, long and ultra long distances.

The versatile riflescopes in the PM II and Competition Product Line cover every conceivable application scenario: from the use of a

PM II ShortDot riflescope on an assault rifle, in Urban Combat or 3-Gun, CQC and IPSC Competition, to the use of a PM II High Power riflescope on a .50 BMG to engage tactical targets over extremely long distances and extreme long-range competition (ELR, KO2M etc.).

The world leadership role played by Schmidt & Bender PM II riflescopes was significantly proven 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 U.S. Marine Corps (USMC) involving 25 other products, after which it became the riflescope adopted by

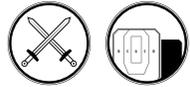
the USMC. The riflescopes in the PM II and Competition Line fall into various subgroups. The products in the PM II ShortDot Series comprise the “short” optical sights with a 30 mm main tube diameter, designed for use over short and medium distances. The other products in the PM II and Competition Line comprise the optical sights using a 34 mm main tube diameter for shooting over medium and long distances. These sights are available in a range of different variations in respect of their power zoom range, reticle placement design, and reticle illumination feature. This ensures that they can satisfy the most demanding needs associated with the harshest of applications. PM II riflescopes exceed the expectations of every customer when it comes to downrange performance and precision.

OVERVIEW DEFENCE AND COMPETITION LINE

EXOS TMR

All-rounder for hunting and competition

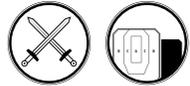
1-8x24 Exos TMR



PM II SHORDDOT

Tactical 2-in-1 solution

1-8x24 PM II ShortDot Dual CC



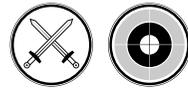
PM II ULTRA SHORT

Compact powerhouses

3-20x50 PM II Ultra Short



5-20x50 PM II Ultra Short **NEW**



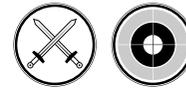
PM II

World famous PM II Series

3-12x50 PM II



5-25x56 PM II **NEW**



12-50x56 PM II



PM II HIGH PERFORMANCE

The name says it all

6-36x56 PM II High Performance **NEW**



PM II HIGH POWER

Long-Range Giants

3-27x56 PM II High Power **NEW**



5-45x56 PM II High Power



APPLICATION

<p>LE AND MILITARY</p>	<p>3-GUN, CQC AND IPSC</p>	<p>TARGET SHOOTING</p>
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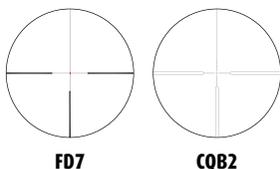
1-8x24 Exos TMR

GENEROUS EYE BOX FOR QUICK ACQUISITION



RETICLES

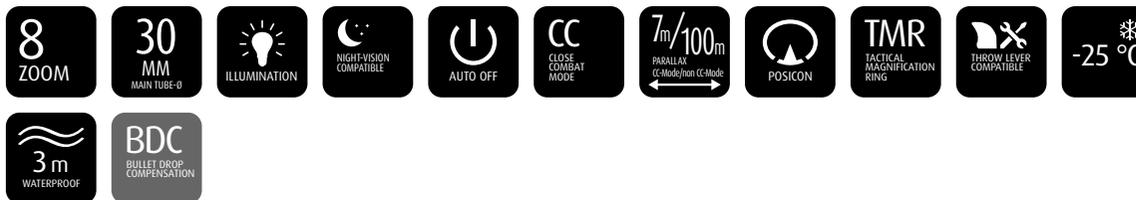
Second Focal Plane



FD7

CQB2

FEATURES

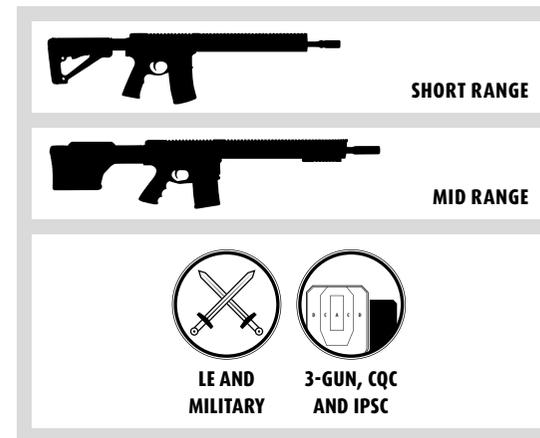


The 1-8x24 Exos TMR is with its 8x zoom perfect for any dynamic shooting like 3-Gun, CQC, IPSC or for hunting fast moving game. "TMR" stands for Tactical Magnification Ring and can accommodate due to its deep rills our Throw Lever (see page 49). The patented CC-Mode on 1x magnification provides a generous eye box for quick acquisition which is combined with a good visible and tactical CQB2 reticle containing a distinct illuminated red dot. On the other hand the 8x zoom enables shots at distant targets which defines it as a very versatile and dynamic riflescope.

TURRET CONFIGURATIONS



APPLICATION





 Watch the 1-8x24 Exos video now

Simply scan the QR code or enter <https://youtu.be/318MzTcAkSQ> into your web browser.

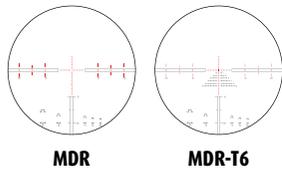
1-8x24 PM II ShortDot Dual CC

UNCOMPROMISING FROM CLOSE TO FAR



RETICLES

First Focal Plane reticle combined with red dot in Second Focal Plane



FEATURES



This is a most technically advanced riflescope, since the 1-8x24 PM II ShortDot Dual CC combines - in an 8x zoom ratio system - a distinct illuminated red dot in Second Focal Plane with a First Focal Plane tactical reticle. This being said, it can be used as a red dot sight for quick engagement of close targets while the MilDot base reticle can be used for accurate ranging and compensation for hold-offs and hold-under/over. The generous eye box/exit pupil supports fast acquisition on any magnification. These combined features create the most advanced multipurpose Close Combat and mid-range riflescope design.

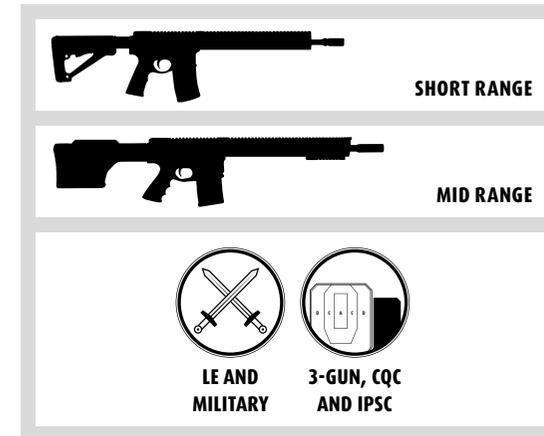


Watch the 1-8x24 PM II ShortDot Dual CC video now
Simply scan the QR code or enter <https://youtu.be/Q3jw1BZos0U> into your web browser.

TURRET CONFIGURATIONS



APPLICATION





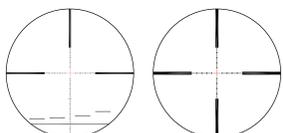
3-12x50 PM II

MADE FOR DEPLOYMENTS



RETICLES

First Focal Plane



P4FL

P3L

FEATURES



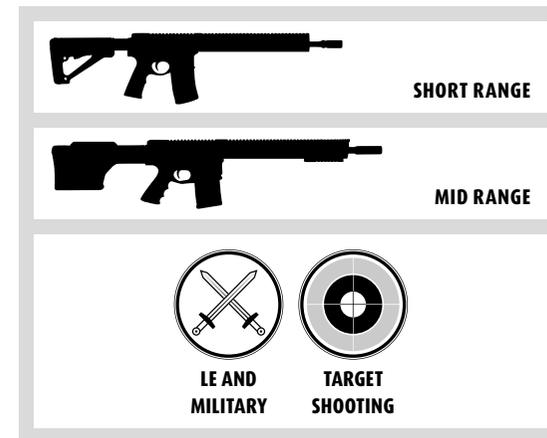
The superior optical and mechanical performance of the 3-12x50 PM II makes it perfect for engaging targets up to medium distances in any kind of environment. This and the exceptional reliability of this riflescope have been proven many times around the globe. The success expressed by the USMC contract reflects the high esteem of the top quality level which Schmidt & Bender uncompromisingly aims for - until this very day.



TURRET CONFIGURATIONS



APPLICATION



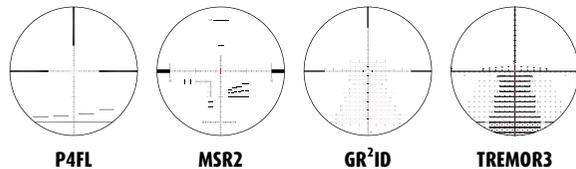
3-20x50 PM II Ultra Short

COMPACT POWERHOUSE



RETICLES

First Focal Plane



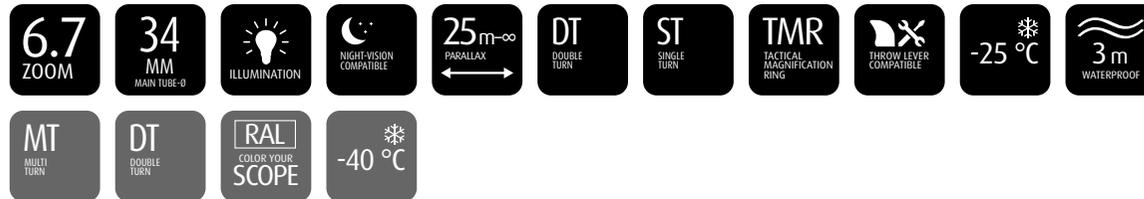
P4FL

MSR2

GR²ID

TREMOR3

FEATURES



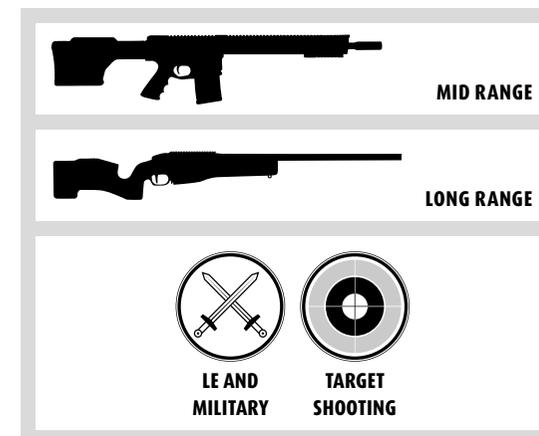
The brilliant optical performance and a large field-of-view on low power makes the 3-20x50 PM II Ultra Short a perfect riflescope for medium and long-range targets. Although extremely compact, it features a powerful 6.7x zoom which is rugged and lightweight and therefore ideal for compact weapon systems. The low-profile elevation turret with a large 35 MRAD adjustment range can easily be combined with a red dot sight for close distances. This is why it is in use by military, police and competition shooters around the world.

U.S. ARMY U.S. AIR FORCE

TURRET CONFIGURATIONS



APPLICATION





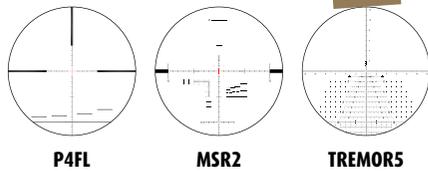
5-20x50 PM II Ultra Short

SHORT, SHORTER, ULTRA SHORT



RETICLES

First Focal Plane



FEATURES

- 4**
ZOOM
- 34**
MM
MAIN TUBE Ø
- LPI**
ILLUMINATION
PARALLAX
INTEGRATED
- NIGHT-VISION
COMPATIBLE
- 25m-∞**
PARALLAX
- DT**
DOUBLE
TURN
- ST**
SINGLE
TURN
- TMR**
TACTICAL
MAGNIFICATION
RING
- NEW**
THROW LEVER
COMPATIBLE
- 25 °C**
- 3m**
WATERPROOF
- MT**
MULTI
TURN
- DT**
DOUBLE
TURN
- RAL**
COLOR YOUR
SCOPE
- 40 °C**

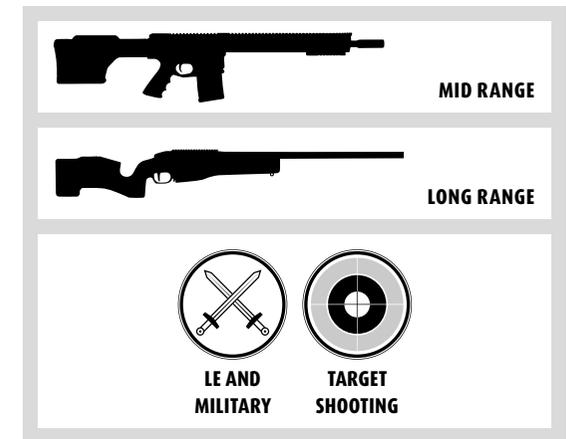
The 5-20x50 PM II Ultra Short represents Schmidt & Bender's shortest full featured riflescope and is perfect for medium and long-range targets. Our newly designed illumination control is integrated into the parallax adjustment and allows a better mounting solution - also for left handed use. The redesigned magnification ring offers now more grip and can accommodate the Throw Lever. The low-profile elevation turret with 27 MRAD or large 35 MRAD adjustment range can easily be combined with a red dot sight for close distances. Compact rifles with limited rail space are especially predestined for this compact powerhouse. Although being short, lightweight and compact: this riflescope doesn't compromise a millimeter on mechanical reliability or optical performance.

SPECIAL FORCES

TURRET CONFIGURATIONS



APPLICATION



NEW FEATURES FOR 5-20x50 PM II ULTRA SHORT

1. LPI (Illumination Parallax Integrated)

The 5-20x50 PM II Ultra Short now features our new "LPI" which stands for the German words "Leucht-Parallaxe-Integriert" and means „Illumination Parallax Integrated“. This new and very easily operable illumination control is integrated into the parallax adjustment and allows a better mounting solution. It also enables a better left handed use. Although being very compact the illumination and the parallax adjustment show the familiar features: on the outer side the smaller and easy to operate illumination knob has 11 functional steps with "off" positions between each step. The bigger knob which is next to the tube operates the very precise side focus/parallax adjustment. It begins at 25 m/27 yd for close distances and goes up to infinity. Both knobs are clearly distinguished by size and rippling while the engravings of each turret can be read or adjusted while in shooting position – also with gloves.

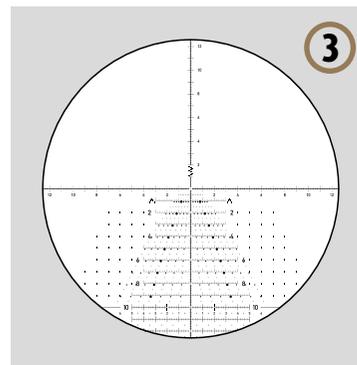


2. Magnification Ring

The newly designed magnification ring which enables a better grip and can also accommodate due to its deep grooves our Throw Lever (see page 49).

3. TREMOR5 Reticle

The 5-20x50 PM II Ultra Short is now available with the new TREMOR5 reticle.





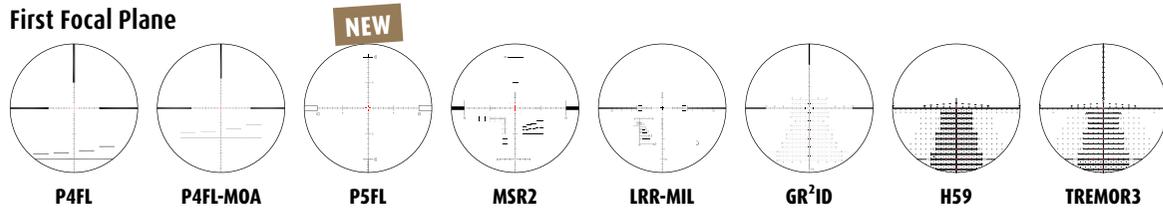
5-25x56 PM II

OPTICAL PERFORMANCE AT ITS BEST



RETICLES

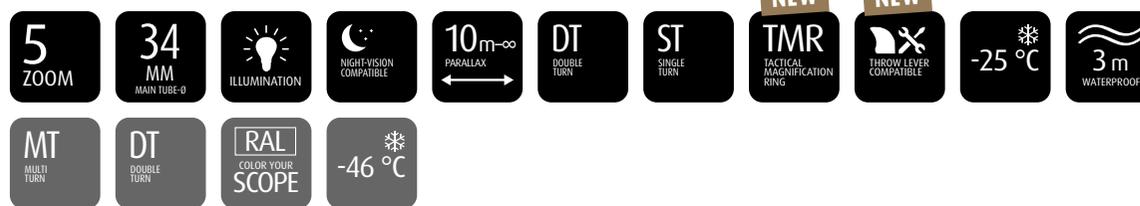
First Focal Plane



TURRET CONFIGURATIONS

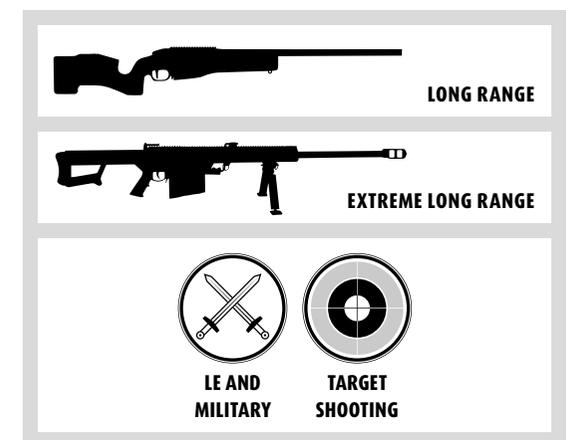


FEATURES



The 5-25x56 PM II has set the benchmark for the industry in terms of optical quality and mechanical reliability. A new ocular design makes our best seller even more operable: a redesigned magnification ring is made out of solid aluminum and can accommodate our Throw Lever. In addition, the diopter adjustment can mount our military grade Polarization Filter via a thread as well as Tenebraex caps without needing any bulky adapters. Another new option is the low-profile elevation turret with a large adjustment range which can easily be combined with a red dot sight for close distances. Due to its great magnification range and well-engineered performance, the 5-25x56 PM II is very popular among military/police units as well as competition shooters which are demanding the best of the best. Offering a vast variety of options, the customer can highly customize his riflescope choice.

APPLICATION



NEW FEATURES FOR 5-25x56 PM II



1. Ultra flat Double Turn (DT27)

The 5-25x56 PM II features now the well-proven low-profile double turn elevation turret which is capable of 27 MRAD (DT27). It perfectly supports the use of an additional red dot sight for close distances. Although being very compact, it maintains all essential features of a Double Turn turret such as a visual and tactile yellow-colored revolution indicator, locking function, MTC clicks and easy to read digits.



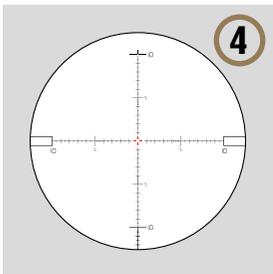
2. Magnification Ring

The new magnification ring is now fully rugged and is made out of solid aluminum. It has been further optimized and now features a magnification ring with deep grooves for a better grip which also allows to accommodate our Throw Lever (see page 49).



3. Diopter Adjustment

In addition, the diopter has been redesigned in order to attach our military grade Polarization Filter Ocular (see page 48) via a thread. The ribbed structure of the diopter adjustment makes it suitable for the tactical Tenebraex Ocular Lens Cover (see page 47).



4. P5FL Reticle

The new P5FL basically resembles the popular pattern of our well-known P4FL reticle which was initially designed for military snipers and has been well-proven around the globe. Reflecting the ongoing technical evolution the new P5FL represents a slight upgrade without forcing the operator to get used to a completely new reticle design. It is also perfect for competition shooters and modern hunters alike who prefer a clean reticle design which is reduced to the most important essentials without distracting features. Those who are already enjoying the P4FL reticle will find confidence in the new P5FL reticle. See for more detailed information page 40.





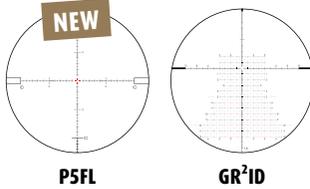
6-36x56 PM II High Performance

PRECISION IN PERFECTION



RETICLES

First Focal Plane



FEATURES

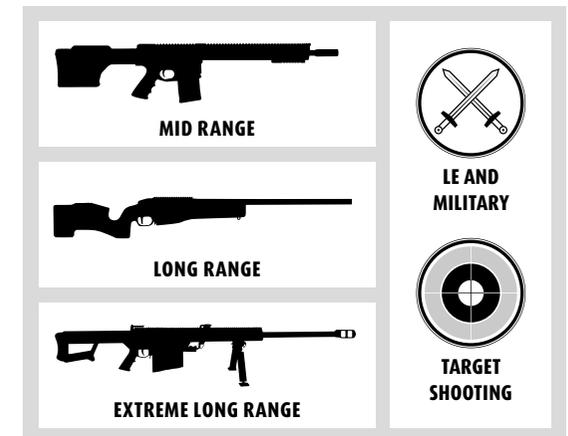
6 ZOOM	34 MM MAIN TUBE Ø	NEW LPI ILLUMINATION PARALLAX INTEGRATED	20 PARALLAX IT-∞	DT DOUBLE TURN	ST SINGLE TURN	MTC MORE TACTILE CLICKS	ZC ZERO CLICK	LT LOCKING TURRET	CT CAPPED TURRET	THROW LEVER COMPATIBLE
3m WATERPROOF	-46 °C	MT MULTI TURN	SZC SUB-ZERO CLICKS	25m WATERPROOF						

The new S&B 6-36x56 PM II High Performance offers the best solution for medium to extreme long-range shooting. Like all of our PM II riflescopes, we designed and manufactured this 6x zoom riflescope according to MIL-STD-810G for handling the harshest environments. Outstanding image quality with a wide field-of-view (FOV) provides superior detail recognition. Reduced weight and size makes it very compact while the new LPI illumination also enables left handed use. The efficient 6-36x magnification range is combined with a 39.5 MRAD elevation turret which supports more precise shot placements.

TURRET CONFIGURATIONS



APPLICATION

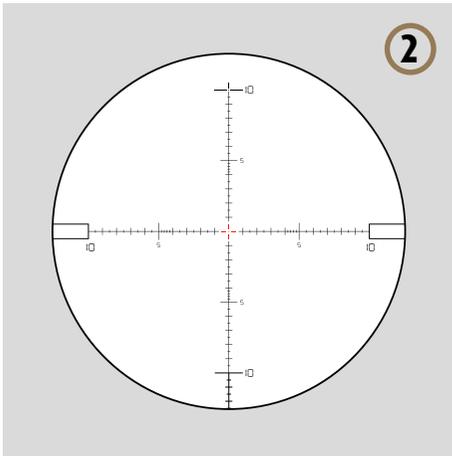


NEW FEATURES FOR 6-36x56 PM II HIGH PERFORMANCE



1. LPI (Illumination Parallax Integrated)

The 5-20x50 PM II Ultra Short now features our new "LPI" which stands for the German words "Leucht-Parallaxe-Integriert" and means „Illumination Parallax Integrated“. This new and very easily operable illumination control is integrated into the parallax adjustment and allows a better mounting solution. It also enables a better left handed use. Although being very compact the illumination and the parallax adjustment show the familiar features: on the outer side the smaller and easy to operate illumination knob has 11 functional steps with "off" positions between each step. The bigger knob which is next to the tube operates the very precise side focus/parallax adjustment. It begins at 25 m/27 yd for close distances and goes up to infinity. Both knobs are clearly distinguished by size and rippling while the engravings of each turret can be read or adjusted while in shooting position – also with gloves.



2. P5FL Reticle

The new P5FL basically resembles the popular pattern of our well-known P4FL reticle which was initially designed for military snipers and has been well-proven around the globe. Reflecting the ongoing technical evolution the new P5FL represents a slight upgrade without forcing the operator to get used to a completely new reticle design. It is also perfect for competition shooters and modern hunters alike who prefer a clean reticle design which is reduced to the most important essentials without distracting features. Those who are already enjoying the P4FL reticle will find confidence in the new P5FL reticle. See for more detailed information page 40.





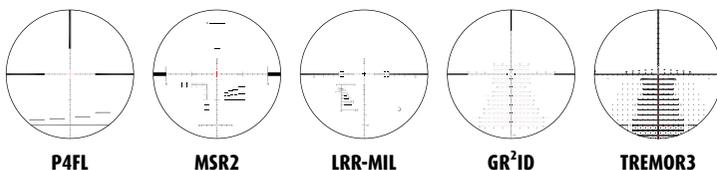
3-27x56 PM II High Power

VERSATILE GIANT

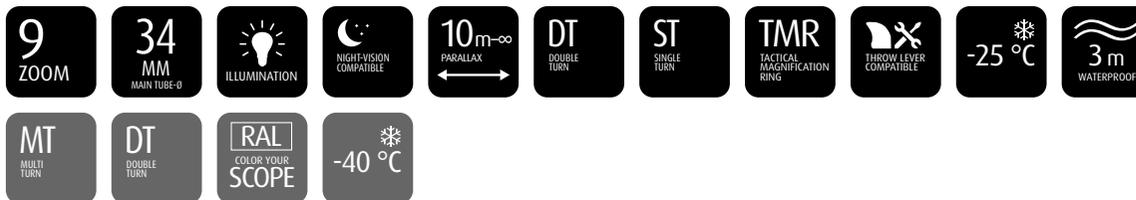


RETICLES

First Focal Plane



FEATURES



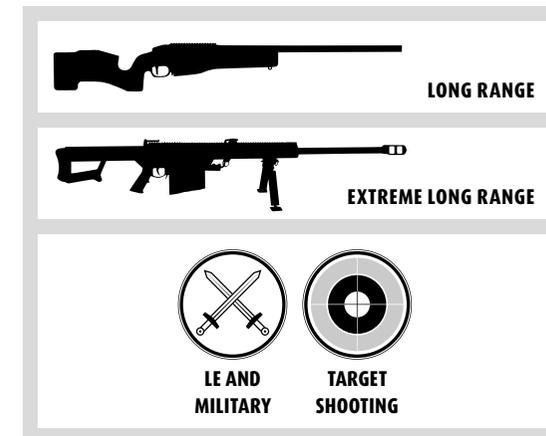
Due to its huge 9x zoom ratio the 3-27x56 PM II High Power is perfect for multi-caliber rifles. Although initially developed for and still in use by USSOCOM (United States Special Operations Command) for extreme long-range shooting it has proven to be very versatile: the 3-27x power range and parallax adjustment/side focus going down to 10 m can handle easily anything from a close, quick shot to long-range distances. A new option supports this versatility: a low-profile elevation turret with 27 MRAD or a large adjustment range of 35 MRAD which can easily be combined with a red dot sight for close distances. This makes it very popular among police and military units alike.

USSOCOM

TURRET CONFIGURATIONS



APPLICATION



NEW FEATURE FOR 3-27x56 PM II HIGH POWER



Ultra flat Double Turn (DT27/DT35)

The 3-27x56 PM II High Power is being enhanced with a new turret option: the well-proven low-profile double turn elevation turret from our PM II Ultra Short series which is currently in use by military and police. The low-profile turret design perfectly supports the use of an additional red dot sight for close distance. Although being very compact it maintains all essential features of a Double Turn turret such as a visual and tactile yellow-colored revolution indicator, locking function, MTC clicks and easy to read digits. It is available as a 27 MRAD (DT27) version or with a larger adjustment range of 35 MRAD (DT35).





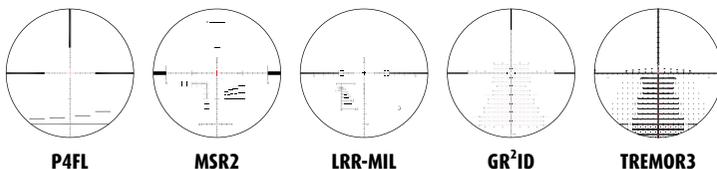
5-45x56 PM II High Power

THE LONG-RANGE GIANT

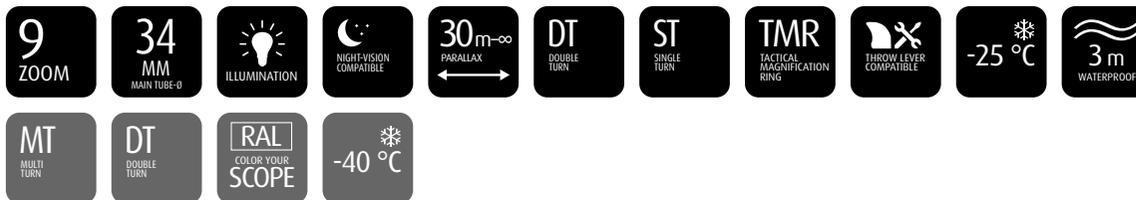


RETICLES

First Focal Plane



FEATURES



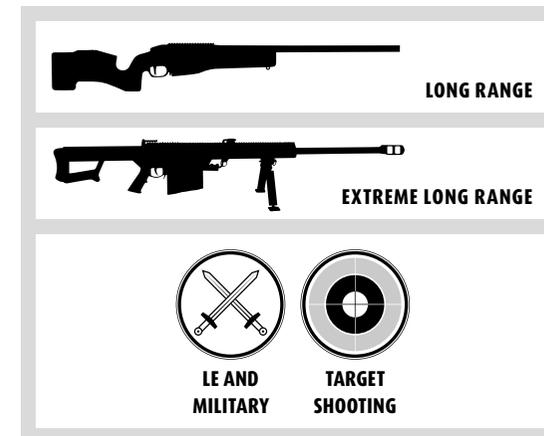
Developed for the toughest long-range conditions the 5-45x56 PM II High Power uses the best optics in a solid and rugged riflescope design. Having an outstanding optical performance over the entire magnification range, it is perfect for identifying even small targets or spotting your results. In addition it can be equipped with our Multi Turn II (MT II) turret with fine 0.5 cm/100 m click value for precise zeroing and more accurate shooting. This is why it has become more popular among ambitious competition shooters and military units alike.

SPECIAL FORCES

TURRET CONFIGURATIONS



APPLICATION





Watch the 5-45x56 PM II High Power video now
Simply scan the QR code or enter <https://youtu.be/dUjTz9pWEu0> into your web browser.

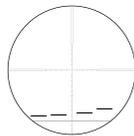
12-50x56 PM II

PRECISION MEETS MAGNIFICATION



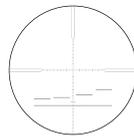
RETICLES

First Focal Plane



P4F

Second Focal Plane



P4F

FEATURES

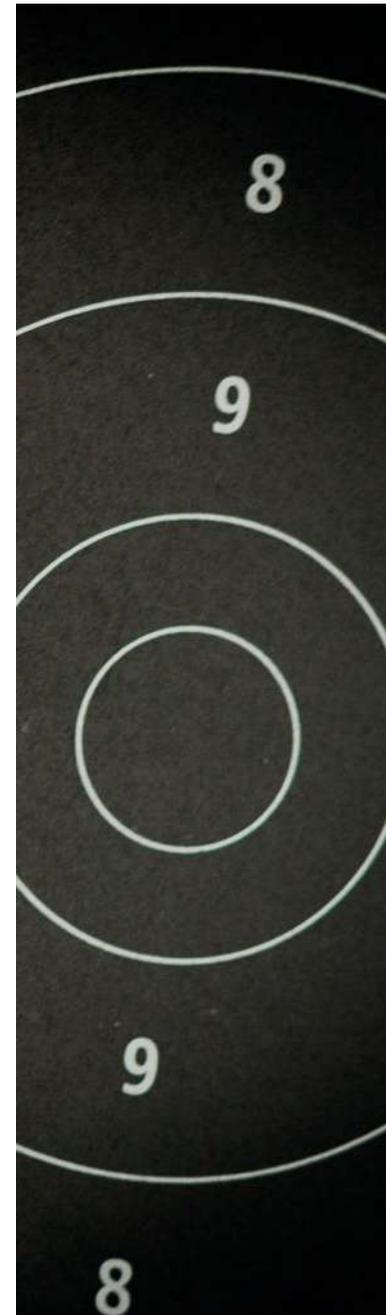
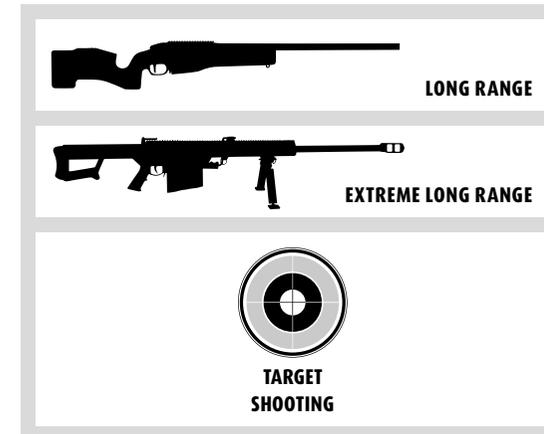


The superb image quality even on 50x power as well as the fine 0.25 cm click value adjustments makes the 12-50x56 PM II perfect for Benchrest and F-Class competition. Even though the parallax adjustment/side focus is going down to 10 m it is Schmidt & Bender's highest magnifying riflescope. For those who are notoriously detail-orientated in handloading ammunition and individual gunsmithing our manually assembled 12-50x56 PM II is the subsequent choice for a setup which demands the best.

TURRET CONFIGURATIONS



APPLICATION



HIGHLIGHTS POLICE AND MILITARY

The world leadership role played by Schmidt & Bender PM II riflescopes is significantly proven by winning police and military contracts around the world. Each of our PM II riflescopes are designed and manufactured according to MIL-SPEC 810G – even if it is for civilian use. The following is just an extract of references of contracts which we are allowed to publish. It is self evident that we cannot name promising projects we are currently working on but they will soon be added to this list.

1-8x24 PM II ShortDot Dual CC



Winner of the German Armed Forces tender “G28 patrol Configuration” and the French FPSA Program. In use with several military and police special forces units.

3-12x50 PM II



Winner of the 2-year quality and endurance test by the U.S. Marine Corps. In use with the U.S. Marine Corps since 2005.

3-20x50 PM II Ultra Short



U.S. ARMY U.S. AIR FORCE

Winner of the U.S. Army CSASS program. In use with several police and military units like the U.S. Air Force.

5-20x50 PM II Ultra Short



Winner of the KSK and KSM tender “Riflescope G210” of the German Armed Forces.

5-25x56 PM II



NEW VERSION

Winner of the USSOCOM Precision Sniper Rifle Program. Schmidt & Bender proudly supplies the Special Operations Forces of the U.S. Army, U.S. Navy, U.S. Air Force and U.S. Marine Corps.

6-36x56 PM II High Performance



NEW

Extreme compact and lightweight long-range sniper riflescope with a wide field-of-view.

3-27x56 PM II High Power



USSOCOM NEW VERSION

Winner of the U.S. Special Operation Command “extreme long range” program. In use with USSOCOM and several military and police special forces units.

5-45x56 PM II High Power

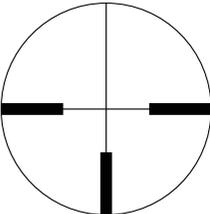
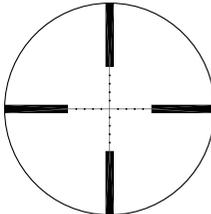
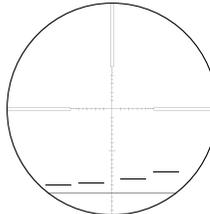
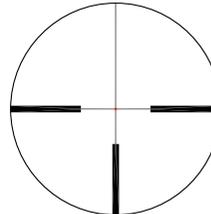
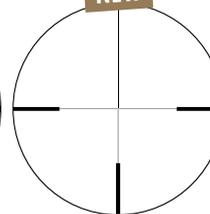
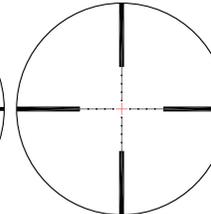
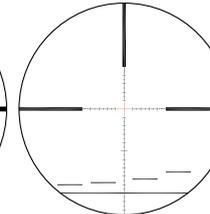
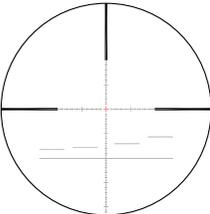
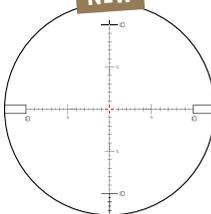
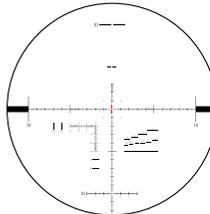
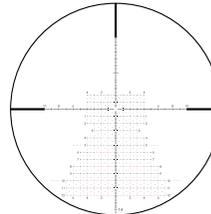
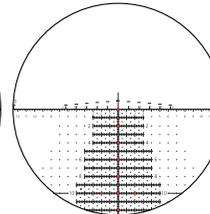
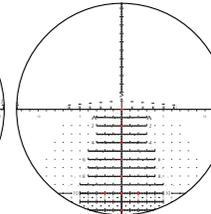
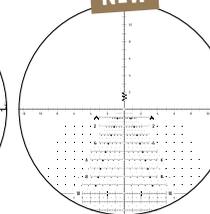
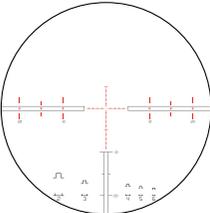
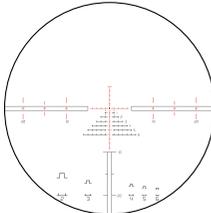
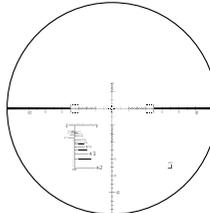
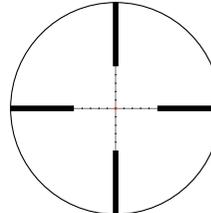
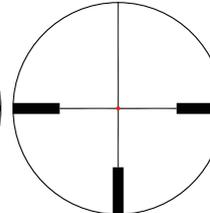


SPECIAL FORCES

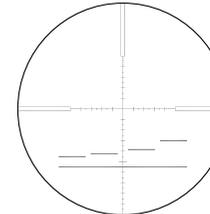
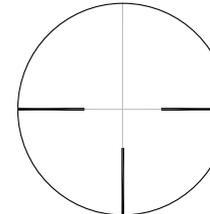
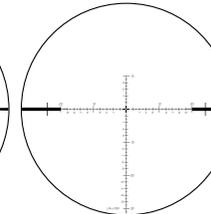
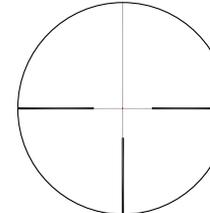
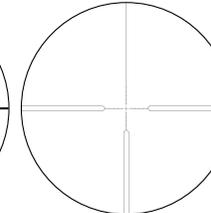
Perfect combination of riflescope and spotting scope. In use with several police special units and the Netherlands Armed Forces.

RETICLES

FIRST FOCAL PLANE

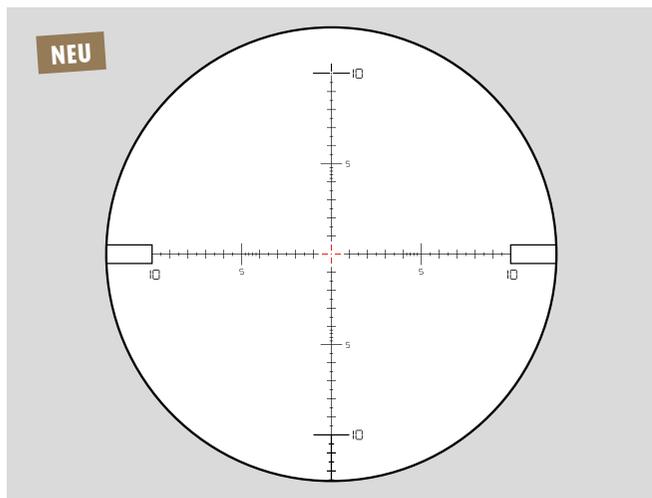
NON-ILLUMINATED			LED			
						
A7	P3	P4F	L3	LP7	P3L	P4FL
LED						
						
P4FL-MOA	P5FL	MSR2	GR ² ID	H59	TREMOR3	TREMOR5
LED		DIFFRACTIVE	FLASHDOT			
						
MDR	MDR-T6	LRR-MIL	FD P3	FD7		

SECOND FOCAL PLANE

NON-ILLUMINATED	
	
P4F	
DIFFRACTIVE	
	
D7	LRH-MOA
FLASHDOT	
	
FD7	CQB2

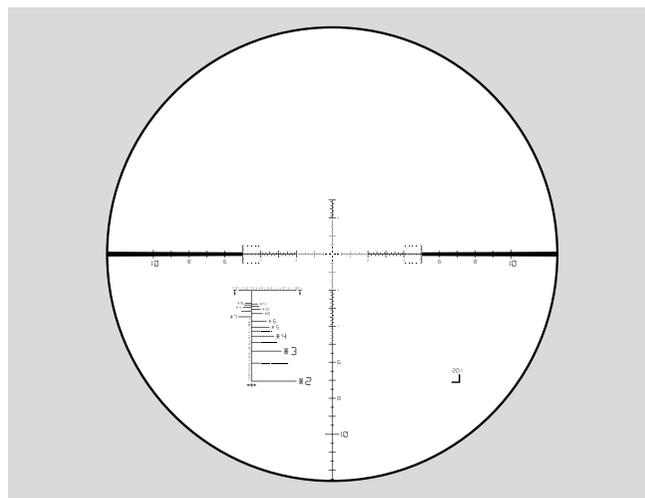
HIGHLIGHTS RETICLES

P5FL



The new P5FL basically resembles the popular pattern of our well-known P4FL reticle which was initially designed for military snipers and has been well-proven around the globe. Reflecting the ongoing technical evolution, the new P5FL represents a slight upgrade without forcing the operator to get used to a completely new reticle design. The familiar illuminated red cross in First Focal Plane (FFP) keeps the known dimensions but now features a free-floating illuminated center dot which allows for a more precise shot placement. Therefore, it is perfect for competition shooters and modern hunters alike who prefer a clean reticle design which is reduced to the most important essentials without distracting features. Since being in FFP, the reticle and the image of the target are enlarged or reduced simultaneously as the magnification is changed. The relationship between target and reticle remains unchanged, regardless of the chosen magnification. Consequently, clearly marked and numbered hash marks are perfect for estimating distances and for quick bullet drop or side wind corrections. The horizontal outer bars are skeletonized, making it possible to use the reticle to the very edge without covering up the target. Those who are already enjoying the P4FL reticle will find confidence in the new P5FL reticle.

LRR-MIL

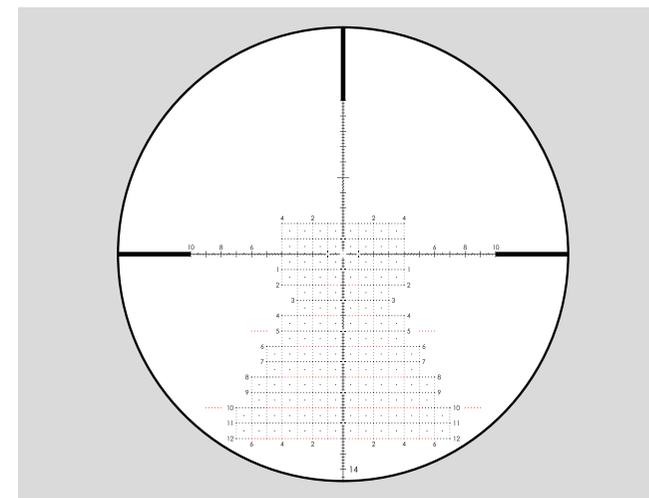


The Long Range Reticle - Milliradian (LRR-Mil) was specially developed for shooting at long distances. The design offers an updated, non-cluttered, easy to reference, and more intelligent mil-based reticle with proper aiming and ranging capabilities. Visible power identification markings allow the operator to see which power setting is set without having to break away from the shooting position. It also features a daylight bright illuminated, ultra-fine and free floating dot which covers only 1.6cm at 1000m. This supports the shooter for an utmost precise shot placement at long distant targets. The free floating dot is surrounded by an interrupted center cross which makes the reticle usable on low as well as on high power magnifications. It is therefore a perfect reticle for our 5-45x56 PM II High Power.



Download the LRR-MIL flyer now
 Simply scan the QR code or visit the website:
schmidtbender.de/phocadownload/flyer/Flyer_LRR-MIL_EN.pdf

GR²ID



The GR²ID reticle has been designed in collaboration with international Precision Rifle Competitors, where focus has been on providing as much information to the competitor as possible, while reducing perceived clutter to a minimum. The GR²ID reticle features 4 distinct areas of design; the Base Reticle, the Ballistic Grid, the Hold Over/Under Grid and the Illumination Tree.

The Hold Over/Under Grid is a new addition to reticle design. This came about from a need of Practical Precision Rifle Competitors wanting to dial out the elevation and windage of a mid ranged target in order to then use the reticle to either hold over or under in engaging multiple targets in a stage.

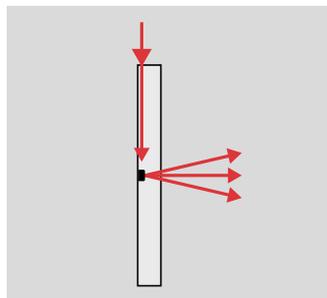
Less to dial, Less to remember = Faster stage times.



Download the GR²ID flyer now
 Simply scan the QR code or visit the website:
schmidtbender.de/phocadownload/flyer/Flyer_GR2ID_EN.pdf

ILLUMINATION TECHNOLOGIES

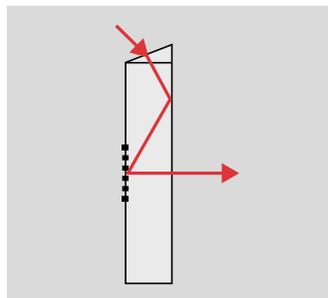
Schmidt & Bender riflescopes are equipped with different illumination technologies. We carefully select the illumination technology according to the requirements of each riflescope.



LED

The etch and fill technology illuminates fine reticle structures where high-intensity illumination is not required. A LED illuminates the etched and filled pattern which is reflected towards the eye. The Pattern is also visible when not illuminated and is often combined with a chrome pattern. The chrome pattern is a black reticle structure which cannot be illuminated.

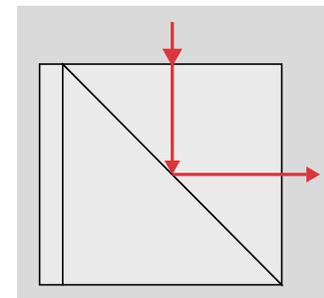
Available for: 3-18x42, Klassik Series and most PM II Series



DIFFRACTIVE

The diffractive reticle technology diffracts the light coming from a LED towards the eye. It illuminates a very thin reticle structure in a bright and distinct manner. Unlike the FlashDot, the center dot remains as a visible dot when illumination is switched off. The diffractive reticle guarantees an outstanding light transmission performance.

Available for: 3-21x50 Exos, Polar T96 Series (SFP) and LRR-MIL reticle



FLASHDOT

The FlashDot illumination is a patented Schmidt & Bender illumination technology. The red dot (FlashDot) is projected via a beam splitter and remains well recognizable even if the hunter is not looking centered through the riflescope. When the illuminated dot is not required, it will vanish completely, while the reticle and target may be viewed clearly without shadows or interfering lines.

Available for: 1-8x24 Exos and Zenith Series

TURRET CONFIGURATIONS – HUNTING

The hunting riflescopes are offered with various versions of elevation and windage adjustment turrets. Most hunting BDC turrets are offered in cm or in MRAD since most of our hunting reticles are MRAD based as well. Only our 3-21x50 Exos is offered with MOA hunting turrets with a MOA reticle accordingly. All of these options are categorized via an abbreviation system which is explained below.

FUNCTIONS

BDC = Bullet Drop Compensation

BDC turrets are used to quickly adjust the reticle position to various distances beyond the original zero without removing any turret caps. BDC turrets feature easy-to-read marks and digits and are primarily suited to long-distance shooting or hunting. With one simple movement, it is possible to adjust the reticle to enable accurate hits on distant targets.

CT = Capped Turret

CT features the possibility to install a cap on top of the turret via a thread in order to avoid accidental adjustments.

LT = Locking Turret

BDC II and BDC II-B incorporates a mode lever which locks or unlocks the turret. With the mode lever pointing towards the barrel's muzzle, the turret is locked. If the mode lever is turned towards the magnification ring, the turret is unlocked.

SZC = Sub-Zero Clicks

Sub-Zero Clicks are clicks which are below the engraved "0". This allows for quick reaction without re-zeroing to weather conditions like air pressure or if your POI has changed due to the use of a suppressor or night vision device.

KLASSIK CT (ELEVATION AND WINDAGE)

Capped (CT) Klassik turret adjustments elevation and windage

This simple and accurate system has been proven by many users around the world for years. The Klassik turret adjustment gives you a quick visual reference of the reticle position which insures a uniformly large adjustment range in both directions for perfect zeroing.

Available for: Klassik Series



BDC (ELEVATION)

Classic Bullet Drop Compensation (BDC) elevation turret

This unique and proven BDC is a very simple system which can be operated without using any tools. By using the coin slot it can be reset easily to zero. After this, one simple movement is enough to adjust the reticle to distant targets.

Available for: Zenith and Klassik Series



POSICON CT (ELEVATION AND WINDAGE)

Capped (CT) Posicon turret adjustments elevation and windage

The Posicon (**Position control**) turret adjustment is a unique Schmidt & Bender feature and reflects its superb engineering and quality standards. The turrets adjustments are color-coded and enable you to identify the reticle position within the riflescope at a glance. This eliminates any possibility of binding the adjustment within the riflescope body and enables a simple and perfect way of zeroing.

Available for: 1-8x24 Exos, Polar T96 and Zenith Series



BDC II LT (ELEVATION)

Lockable (LT) Bullet Drop Compensation II (BDC II) elevation turret with Sub-Zero Clicks (SZC)

The BDC II is primarily suited to long-distance shooting or hunting. The turret combines an enhanced adjustment range with an effective BDC II locking function which avoids unintentional adjustment.

Available for: 3-18x42, 1-8x24 Exos and Polar T96 Series



BDC II LT (WINDAGE)

Lockable (LT) Bullet Drop Compensation II (BDC II) windage turret

The enhanced BDC II turret is also available as a windage turret for our hybrid riflescope 4-16x56 Polar T96 with tactical P4FL reticle. This windage turret is perfect for quick adjusting wind drift.

Available for: 3-18x42, 4-16x56 Polar T96 with P4FL reticle



BDC II-B LT (ELEVATION)

Lockable (LT) Bullet Drop Compensation II-Ballistic (BDC II-B) elevation turret with Sub-Zero Clicks (SZC)

The BDC II-B turret gives the hunter the fastest and most precise turret dialing solution. The turret is similar to the BDC II but allows the operator to easily set-up their own calibrated turret according to the user specified ballistic coefficient. The BDC II-B turret provides 6 position indicators



marked 1-6 which indicates 100-600 m/yds. The position indicator can be placed at any position on the turret according to the ballistic coefficient. **Available for:** 3-18x42 and can be retrofitted for Stratos, Polar T96 and 1-8x24 Exos.



Please note: The catalog contains a very brief turret description. Therefore we would like to encourage you to visit our website for more detailed information. Simply scan the QR code or visit the website:

schmidtbender.de/en/products/turrets/hunting

TURRET CONFIGURATIONS – DEFENCE AND COMPETITION

The PM II and Competition riflescopes are offered with various versions of elevation and windage adjustment turrets. The turrets are divided into Gen I and Gen II turrets. Gen I turrets are still state of the art and are proven by police and military units around the world for decades. However, Gen II turrets reflects the ongoing technical and mechanical evolution and therefore incorporates more detailed technical features. All of these options are categorized via an abbreviation system which is explained below.

FUNCTIONS

MTC = More Tactile Clicks

MTC features a more pronounced click at every tenth click. This function supports faster dialing and better orientation especially if you cannot look at the turret.

ZC = Zero Click

This turret has a more noticeable click on the engraved "0". This allows a quick return to the "0" position even without looking at the turret.

SZC = Sub-Zero Clicks

Sub-Zero Clicks are clicks which are below the engraved "0". This allows for quick reaction without re-zeroing to weather conditions like air pressure or if your POI has changed due to the use of a suppressor or night vision device.

CT = Capped Turret

CT features the possibility to install a cap on top of the turret via a thread in order to avoid accidental adjustments.

LT = Locking Turret

Gen I: The locking action is triggered by pulling up the outer ring of the turret, and it is set by pressing it down again. A lettering "LOCKED" in red appears behind the ring and indicates the locked position.

Gen II: Elevation: DT II+ and MT II incorporates a three-way mode lever which determines either: activated MTC, deactivated MTC and locked turret. With the mode lever pointing towards the barrel's muzzle, the turret is in the locked position and the mode window at the turret bottom appears in red color. With the lever rotated one position counterclockwise, the turret is unlocked and allows for the More Tactile Clicks (MTC) function which is indicated by the color green in the mode window. With the lever rotated to the final position counterclockwise, the turret is unlocked and bypasses the MTC feature. Now the mode window shows the color black.

ST II and ST II-B incorporates a mode lever which locks or unlocks the turret. When the mode lever is pointing towards the barrels muzzle the mode window at the turret bottom indicates with the color red the locked position. The color green indicates the unlocked position when the mode lever is turned towards the magnification ring.

Windage: ST and DT II+ incorporates a mode lever which locks and unlocks the turret. When the windage turret is unlocked the Zero Click (ZC) is automatically activated. Both windage turrets work basically the same way as the ST II and ST II-B elevation turrets explained above.

ST (WINDAGE)

Single Turn (ST) windage turret

This is the basic version of the Single Turn turret. The 1 cm clicks are clearly tactile when turned and can be set precisely and individually. Good visible marks and digits keeps orientation easy while in crucial competition situations. This turret is also available in MOA click value in the 5-25x56 PM II.

Available for: 3-12x50 and 5-25x56 PM II



The Multi Turn (MT) 0.25 cm click value elevation turret always comes with a corresponding Single Turn windage adjustment. This turret represents the finest click value adjustment offered from Schmidt & Bender on a windage. Although it provides a very fine click value adjustment the easy to reference markings and digits keep orientation simple while in crucial competition situations.



Available for: 12-50x56 PM II

ST ZC CT (WINDAGE)

Capped (CT) flat Single Turn (ST) windage turret with Zero Click (ZC)

This special turret is intended primarily for use with a tactical reticle. With this, after the riflescope has been zeroed, there is no further windage adjustment required. The turret can then be protected from accidental adjustments by installation of the cap.



Available for: 3-21x50 Exos, 6-36x56 PM II High Performance, 5-25x56 PM II, PM II Ultra Short and PM II High Power Series

ST MTC LT (ULTRA FLAT, ELEVATION)

Ultra flat lockable (LT) Single Turn (ST) elevation turret with More Tactile Clicks (MTC) function for 1-8x24 PM II ShortDot Dual CC

This ultra flat Single Turn turret enables shooting with two eyes open and is perfect for an additional piggybacked aiming device such as a red dot sight. This turret features the Generation I (Gen I) locking function.



Available for: 1-8x24 PM II ShortDot Dual CC

ST ZC LT (ULTRA FLAT, WINDAGE)

Ultra flat lockable (LT) Single Turn (ST) windage turret with Zero Click (ZC) for 1-8x24 PM II ShortDot Dual CC

This ultra flat Single Turn turret enables shooting with two eyes open and is perfect for an additional piggybacked aiming device such as a red dot sight. It features the Generation I (Gen I) locking function.



Available for: 1-8x24 PM II ShortDot Dual CC

ST II LT (ELEVATION)

Lockable (LT) Single Turn II (ST II) elevation turret with Sub-Zero Clicks (SZC)

The ST II turret represents the largest adjustment range Schmidt & Bender offers for a hunting riflescope. Therefore it is perfect for handling long-range hunting distances and is also available with MOA click value. It features the Generation II (Gen II) locking function.



Available for: 3-21x50 Exos

ST II-B LT (ELEVATION)

Lockable (LT) Single Turn II-Ballistic (ST II-B) elevation turret with Position Indicators and Sub-Zero Clicks (SZC)

The ST II-B turret gives the shooter/hunter the fastest and most precise turret dialing solution. The turret is similar to the ST II turret but allows the operator to easily set-up their own calibrated turret according to the user specified ballistic coefficient. The ST II-B turret provides 6 position indicators marked 1-6 which indicates 100-600 m/yds. The position indicator can be placed at any position on the turret according to the ballistic coefficient.



When using a silencer or interchangeable barrels, the position indicators are easy to adjust to the given environment-conditions. In the latter case it is also possible to use an Interchangeable Turret Cap which matches the weapon caliber. It features the Generation II (Gen II) locking function.

Available for: 3-21x50 Exos



Watch the Single Turn II-Ballistic video now

Simply scan the QR code or enter <https://youtu.be/qkwpaysoErg> into your web browser.

ST II ZC LT (WINDAGE)

Lockable (LT) Single Turn II (ST II) windage turret with Zero Click (ZC)

This Single Turn turret is developed for dialing wind on a regular basis as it is the case when shooting competitions. Therefore big and well recognizable digits makes dialing and orientation easy. It features the Generation II (Gen II) locking function.

Available for: 6-36x56 PM II High Performance, 5-25x56 PM II, PM II Ultra Short and PM II High Power Series



DT (ELEVATION)

Double Turn (DT) elevation turret with visual revolution indicator and Sub-Zero Clicks (SZC)

This is one of Schmidt & Benders most popular and sought-after elevation turret due to its simple and rugged design. It is ideally capable of providing the adjustment travel needed for long-range shots. All of this makes this turret design very popular among military/police units as well as competition shooters.

Available for: 3-12x50 and 5-25x56 PM II



DT27/DT35 MTC LT (ELEVATION)

Ultra flat lockable (LT) Double Turn (DT) elevation turret with visual and tactile revolution indicator and More Tactile Clicks (MTC) function

This ultra flat Double Turn turret enables shooting with two eyes open and is perfect for an additional piggybacked aiming device such as a red dot sight. This turret features the Generation I (Gen I) locking function.

Available for: 6-36x56 PM II High Performance, 5-25x56 PM II, PM II Ultra Short and PM II High Power Series



DT II+ MTC LT (ELEVATION)

Lockable (LT) Double Turn II+ (DT II+) elevation turret with visual and tactile revolution indicator, More Tactile Clicks (MTC) function and Sub-Zero Clicks (SZC)

This Double Turn turret is developed for dialing corrections on a regular basis as it is the case when shooting competitions. Therefore big and well recognizable digits makes dialing and orientation easy. It features the Generation II (Gen II) locking function.

Available for: 6-36x56 PM II High Performance, 5-25x56 PM II, PM II Ultra Short and PM II High Power Series



DT II+ ZC LT (WINDAGE)

Lockable (LT) Double Turn II+ (DT II+) windage turret with visual and tactile revolution indicator and Zero Click (ZC)

This turret comes always in combination with the MT II elevation turret and has a 0.5 cm click value as well. Although it provides a fine click value adjustment, easy to reference markings and digits keeps orientation



simple while in crucial competition situations. It features the Generation II (Gen II) locking function.

Available for: 6-36x56 PM II High Performance, 5-25x56 PM II, PM II Ultra Short and PM II High Power Series

MT (ELEVATION)

Multi Turn (MT) elevation turret with visual revolution indicator

This Multi Turn turret is an exceptionally clever design and represents an easy-to-read turret design capable of 5 revolutions.

Available for: 12-50x56 PM II



MT II MTC LT (ELEVATION)

Lockable (LT) Multi Turn II (MT II) elevation turret with visual revolution indicator, More Tactile Clicks (MTC) function and Sub-Zero Clicks (SZC)

This turret provides not only a wide adjustment range via 5 revolutions but is also offering a fine and precise adjustment of 0.5 cm per click. A finer click value adjustment enables precise zeroing and more accurate shooting. It features the Generation II (Gen II) locking function.

Available for: 6-36x56 PM II High Performance, 5-25x56 PM II, PM II Ultra Short and PM II High Power Series



Please note: The catalog contains a very brief turret description. Therefore we would like to encourage you to visit our website for more detailed information. Simply scan the QR code or visit the website: schmidtbender.de/en/products/turrets/pm-ii-competition

RAL 8000 COLORED RIFLESCOPES

Most PM II riflescopes are also available in RAL 8000 color coating. The yellow-brown color fits to a lot of tan colored rifles and serves for better camouflage. Apart from this, the riflescope heats up more slowly in sunny conditions and causes less IR reflections.



MOUNT SYSTEMS

Our hunting riflescopes can be used with 2 different mount systems: the most common and regular ring mount system and our so called LMZ rail mount. No matter which mounting system you prefer: please pay special attention to the mounting process and consult our riflescope manual since this will determine significantly the functionality and accuracy of the riflescope.

RING MOUNT

The ring mount system is the most common system to mount a riflescope to a rifle. The rugged design of our riflescopes allows a secure mounting. The rings of the mount can be tightened with a torque up to 3 N m in order to prevent any movement of the riflescope. Instead of using glue, we recommend to place a piece of latex glove on the lower ring to ensure a most secure positioning of the riflescope. We offer two different kinds of riflescope main tube diameters: 30 mm and 34 mm. Please note that different main tube diameters require a corresponding ring mount size.



LMZ RAIL MOUNT

The LMZ rail mount system is mainly used in Germany, Austria and Switzerland. There are different kinds of rail systems available. We offer the most common internal prism rail solution, the so called "LMZ rail mount" (= Light aluminum Zeiss compatible).

Only available for: 3-18x42, Polar T96 and Zenith Series.



ACCESSORIES

PROTECTIVE LENS COVERS

Transparent Lens Cover Bikini Style Objective and Ocular

The Transparent Lens Cover Bikini Style – also called Bikini Caps – are primarily used with hunting riflescopes. They can be fixed on the riflescope very easily due to two rubber strips which also prevent a loss of the ocular or objective cover. Due to their flexible shape they can be stored during the hunt in a pocket or gun case.



Color	Black
1-8x24 Exos	X
Polar T96 Series	X
Zenith Series	X
Klassik Series	X
NEW NEW 1-8x24 PM II ShortDot Dual CC	X
5-20x50 PM II Ultra Short	X
3-12x50 PM II	X

Objective and Ocular Lens Cover

We offer two different kind of protective lens covers for objective and ocular: Tenebraex and Butler Creek.

The Tenebraex protective lens covers were developed specifically for the discerning marksman. The “tactical tough” rugged military design protects objective and ocular lens in all weather conditions. Each of them can be flipped back and rotated to any position. A rotating mechanism secures the position even under recoil and therefore does not obstruct the view (see “Please note”).

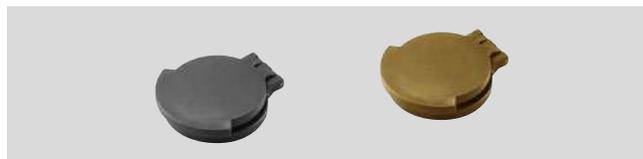
The Butler Creek protective lens covers represent a more basic protection in order to prevent objective and ocular from scratches and blemishes during transportation. They can be simply slipped onto the objective or ocular.

Tenebraex Objective Lens Cover



Color	Black				RAL 8000		
Diameter (mm)	24	42	50	56	24	50	56
NEW 3-18x42		X					
3-21x50 Exos			X				
1-8x24 PM II ShortDot Dual CC	X				X		
PM II Ultra Short Series			X			X	
NEW 5-25x56 PM II				X			X
NEW 6-36x56 PM II High Performance				X			X
PM II High Power Series				X			X

Tenebraex Ocular Lens Cover



Color	Black		RAL 8000	
Diameter (mm)	45.8	50	45.8	50
NEW 3-18x42	X			
3-21x50 Exos		X		
1-8x24 PM II ShortDot Dual CC		X		X
PM II Ultra Short Series		X		X
NEW 5-25x56 PM II	X		X	
NEW 6-36x56 PM II High Performance		X		X
PM II High Power Series		X		X

Butler Creek Flip-Open Objective Lens Cover



Color	Black
Diameter (mm)	56
12-50x56 PM II	X

Butler Creek Flip-Open Ocular Lens Cover



Color	Black
Diameter (mm)	43
12-50x56 PM II	X

Please note: When mounting a Tenebraex objective or ocular cap for the first time, a matching adapter ring might be required. The following product series do not require an adapter ring for the ocular: PM II ShortDot Dual CC, PM II Ultra Short Series, PM II High Performance Series, PM II High Power Series, 3-18x42, 3-21x50 Exos and the new 5-25x56 PM II. The adapter ring is first screwed to the objective via a thread or slipped on the ocular head for those riflescopes which require an adapter ring.

FILTERS

killFlash Anti-Reflection Device Objective with double sided thread

The Anti-Reflection Device (ARD) minimizes reflections from the objective lens frontline, preventing the marksman from being detected. In addition, it prevents stray light from entering the objective lens causing unwanted reflections when facing bright light conditions. They are equipped with a male thread which fits to most of our riflescopes while the female thread on the other end can take our filters or protective lens covers.



Color	Black			RAL 8000			
	Diameter (mm)	24	50	56	24	50	56
1-8x24 Exos	X						
3-21x50 Exos		X					
1-8x24 PM II ShortDot Dual CC	X			X			
PM II Ultra Short Series		X			X		
3-12x50 PM II		X					
5-25x56 PM II			X			X	
12-50x56 PM II			X				
NEW 6-36x56 PM II High Performance			X			X	
PM II High Power Series			X			X	

Grey and Yellow Filter Objective with double sided thread



The Grey Filter is made of homogeneous SCHOTT glass and is a color neutral filter for the targeted reduction of light. It can be screwed via thread to the objective.

The Yellow Filter also consists of homogeneous SCHOTT glass but increases contrast, especially in cloudy weather. It can be screwed via thread to the objective.

Both are equipped with a male thread which fits to most of our riflescopes while the female thread on the other end can take our protective lens covers.

Color	Black			RAL 8000			
	Diameter (mm)	24	50	56	24	50	56
1-8x24 Exos	X						
3-21x50 Exos		X					
2.5-10x50 Polar T96		X					
4-16x56 Polar T96			X				
2.5-10x56 Zenith			X				
3-12x50 Zenith		X					
2.5-10x56 Klassik			X				
3-12x50 Klassik		X					
4-16x50 Klassik		X					
8x56 Klassik			X				
1-8x24 PM II ShortDot Dual CC	X				X		
PM II Ultra Short Series		X			X		
3-12x50 PM II		X					
5-25x56 PM II			X			X	
12-50x56 PM II			X				
NEW 6-36x56 PM II High Performance			X			X	
PM II High Power Series			X			X	

Polarization Filter Ocular



This filter eliminates disturbing glare and shiny reflections and makes it possible to see through polarized glass. Since this filter is attached to the ocular via thread or slip-on it will not affect the point of impact.

Color	Black		RAL 8000
	Version	Slip-On	with Thread
Diameter (mm)		43	50
Thread		/	M41x0.5
NEW 3-18x42			X
Klassik Series (except 8x56)	X		
Zenith Series	X		
1-8x24 PM II ShortDot Dual CC			X
PM II Ultra Short Series			X
3-12x50 PM II	X		
5-25x56 PM II			X
12-50x56 PM II	X		
NEW 6-36x56 PM II High Performance			X
PM II High Power Series			X

SUN SHADES

Sun Shade Objective

Prevents stray light from entering the objective lens causing unwanted reflections due to anti-reflective inner surface. Rugged design with double sided thread for attaching to objective and attaching accessories.



Color	Black				RAL 8000		
Diameter (mm)	24	42	50	56	24	50	56
Length (mm)	25	50	50	50	25	50	50

NEW	3-18x42		X					
	1-8x24 Exos	X						
	3-21x50 Exos			X				
	2.5-10x50 Polar T96			X				
	4-16x56 Polar T96				X			
	2.5-10x56 Zenith				X			
	3-12x50 Zentih			X				
	2.5-10x56 Klassik				X			
	3-12x42 Klassik		X					
	3-12x50 Klassik			X				
	4-16x50 Klassik			X				
	8x56 Klassik				X			
	1-8x24 PM II ShortDot Dual CC	X				X		
	PM II Ultra Short Series			X			X	
	3-12x50 PM II			X				
	5-25x56 PM II				X			X
	12-50x56 PM II				X			
NEW	6-36x56 PM II High Performance				X			X
	PM II High Power Series				X			X

Light Protection Ocular

Light Protection Ocular Slip-On is equipped with a flexible bellows and is made of elastic rubber. It prevents the operator from unwanted side light and protects against injuries.



Light Protection Ocular with Adapter Ring and Thread comes with the Protection Ocular Slip-On Version and an Adapter Ring. The Adapter Ring can be screwed to the ocular head and serves as an adapter for the light protection Slip-On.

Color	Black	
Version	Slip-On	with Adapter Ring and Thread
Diameter (mm)	43	50
Thread	/	M41x0.5

NEW	3-18x42		X
	Klassik Series (except 8x56)	X	
	Zenith Series	X	
	1-8x24 PM II ShortDot Dual CC		X
	PM II Ultra Short Series		X
	3-12x50 PM II	X	
	5-25x56 PM II		X
NEW	12-50x56 PM II	X	
	6-36x56 PM II High Performance		X
	PM II High Power Series		X

MAGNIFICATION

Removable Magnification Throw Lever

The Removable Magnification Throw Lever allows quick magnification adjustments. Another great advantage is its flexibility: the operator can select the appropriate location to install the throw lever where it best suits their intended application and needs. The rugged military design is very functional and therefore can easily be operated with gloves. The Throw Lever fits now also for the new version of 5-20x50 PM II Ultra Short and 5-25x56 PM II.



Color	Black	RAL 8000
Dimensions (HxW mm)	32x18	

1-8x24 Exos TMR	X	
1-8x24 PM II ShortDot Dual CC	X	X
NEW PM II Ultra Short Series	X	X
NEW 5-25x56 PM II	X	X
NEW 6-36x56 PM II High Performance	X	X
PM II High Power Series	X	X

TURRETS

ST II-B and BDC II-B Accessories

The Single Turn II-Ballistic and the Bullet Drop Compensation II-Ballistic allows the shooter to “stay on target” at varying distances and makes non-durable stickers or self-made markings obsolete. The following accessories are for the ST II-B and BDC II-B turret only and will be delivered with allen key screws and fitting tool.



Turret Cap with 6 Position Indicators 1-6 engraved, black/silver-colored

The interchangeable turret cap can be easily swapped out according to the modified ballistics of the rifle. It is therefore perfect for rifle systems with interchangeable barrels or silencers. ST II-B is available in cw or ccw whereas BDC II-B will be available in cw only**.

6 Position Indicators, silver-colored

The position indicators are made of solid aluminum and are easy to read. They are available with a 1-6 digit engraving or unengraved. They are delivered with Allen key screws and fitting tool. Available for the ST II-B turret only.

Protective Cap Posicon adjustments with or without Energy Container, black

The waterproof protective cap is made out of hard anodized aluminum containing a high quality engraving. It is also available with a so called energy container which contains an extra spare battery in case the battery in use gets low while hunting.



Version	with Energy Container	without Energy Container
NEW 3-18x42	X	X
1-8x24 Exos		X
Polar T96 Series	X	X
Zenith Series	X	X
Klassik Series	X	X

ILLUMINATION

Battery Cap

The waterproof battery cap is made out of hard anodized aluminum containing a high quality engraving. It ensures a shock-proof position of the battery and protects it from all kinds of weather conditions.



	Color	Black	RAL 8000
NEW	Hunting	X	
NEW	Defence and Competition	X	X

CLEANING

Cleaning Kit



The Cleaning Kit enables you to clean and care for your riflescope properly. It includes LensPen (with brush and microfiber pad), cleaning spray and microfiber cloth packed in a pouch. The Cleaning Kit and its compact belt pouch is ideal for outdoor activities and is long-term proven by Military and LE customers.



Clean the riflescope properly now
Simply scan the QR code or visit the website:
schmidtundbender.de/en/service/did-you-know

BAGS

Tactical Bag



The Tactical Bag is made of padded and robust material which protects your riflescope against any harsh condition. It furthermore allows for comfortable transport of your entire weapon system due to a sturdy handle. The detachable end-caps allow riflescope use even when the bag is installed. Inside mesh pockets offer storage space for accessories. The Tactical Bag is long-term proven by Military and LE customers.



Color	Black or Coyote		
Size	S	M	L
Dimensions (LxWxH mm)	330x90x90	370x90x90	410x100x100
NEW 3-18x42		X	
1-8x24 Exos	X		
3-21x50 Exos			X
2.5-10x50 Polar T96		X	
3-12x54 Polar T96		X	
4-16x56 Polar T96			X
Zenith Series		X	
2.5-10x56 Klassik			X
3-12x42 Klassik		X	
3-12x50 Klassik		X	
4-16x50 Klassik			X
8x56 Klassik			X
1-8x24 PM II ShortDot Dual CC	X		
PM II Ultra Short Series		X	
3-12x50 PM II		X	
5-25x56 PM II			X
12-50x56 PM II			X
NEW 6-36x56 PM II High Performance			X
PM II High Power Series			X

SERVICE

Schmidt & Bender is working hard in order to offer excellent customer care and service. To achieve this, our employees are focused on customer care which is characterized by competence, reliability and speed.

A confirmation upon receipt will be issued for all in-coming repairs. For riflescopes which are not under warranty a cost estimate for repair will be offered. The offer can be acknowledged or denied.



SERVICE CENTERS

We recommend to contact your local Schmidt & Bender dealer for service. In case you want to send your riflescope directly to us you must contact one of our service centers beforehand since different restrictions and regulations apply for shipping riflescopes. You are welcome to address any request or question to our service center. Please see the opening hours and contact details of our service center in USA or Germany (headquarters).

Schmidt & Bender GmbH & Co. KG

Service-Center
Am Grossacker 42
35444 Biebertal
Germany

Phone: +49 (0) 6 40 9 / 81 15 - 20
Fax: +49 (0) 6 40 9 / 81 15 - 60
Email: service@schmidt-bender.de

Opening times

Monday–Friday 8:00 AM to 04:00 PM (16:00)
German Local Time

Schmidt & Bender Inc.

Service-Center
204 McGhee Rd
Winchester, VA 22603
U.S.A.

Phone: +1 (540) 450 8132

Email: service@schmidt-bender-us.com

Opening times

Monday–Friday 8:30 AM to 05:00 PM (17:00)
Eastern Standard Time (EST)

REASONS TO BUY A SCHMIDT & BENDER RIFLESCOPE

Schmidt & Bender is a world leading developer and manufacturer of unique premium riflescopes with uncompromising quality and precision. Established in 1957, Schmidt & Bender is managed independently and family owned in 3rd generation. For over 60 years, the customer has been the focal point of our business and quality has always been our main objective. Our innovative manufacturing processes produce state-of-the-art, long performing riflescopes which meet the customer's highest expectations and demands. All of this is backed-up with superb personal customer care. See our main strengths below and contract references on page 38 which reflects the high esteem of the top-quality level which we uncompromisingly aim for every day.



LENS COATING AND OPTICAL DESIGN

One of the main reasons to buy a Schmidt & Bender rifle scope is our outstanding optical quality. Our riflescopes distinguish themselves from others through the careful selection of high-quality glass material, state-of-the-art optical engineering combined with our high-performance lens coatings. This ensures the highest light transmission and optimal target recognition and identification. Discover what should not remain a secret: the essentials of high-quality Schmidt & Bender optics.

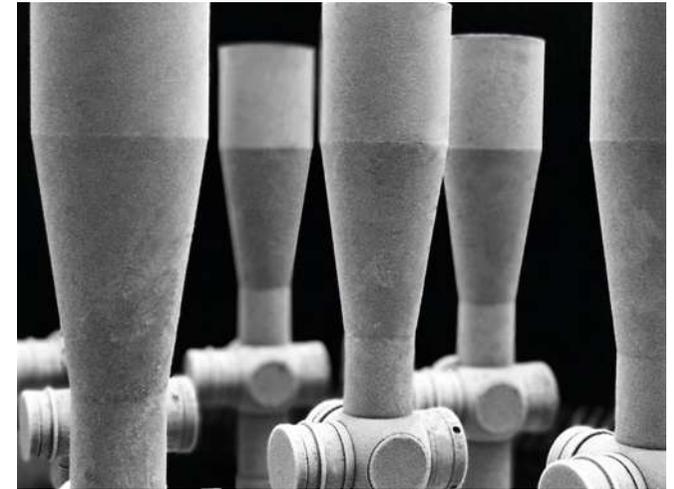


It is all about Glass: Lens Coating and Optical Design
Simply scan the QR code or visit the website:
schmidtbender.de/en/service/did-you-know



PERFECT FOR FRONT OR REAR MOUNTED NIGHT VISION DEVICES

Our extensive experience with military riflescopes (PM II) in combination with night vision devices are also applied to our hunting riflescopes. Our strong, aircraft grade aluminum main tube ensures that many front mount night vision devices do not impact parallax shift. The rugged ocular head is perfect for carrying a rear mounted night vision device. The great optical performance of our riflescopes will also enhance your night vision equipment device*, regardless of front or rear device mounting.



ROCK SOLID

Schmidt & Bender's in-house research and development department has developed many patents and often sets the bench mark within the industry. By doing so we also strive for sustainability and therefore try to avoid plastic wherever possible. Plastic has the property of out gassing and becoming brittle and makes it in general less durable. That is why only about 3,8 % of all parts within our riflescopes are made out of plastic. O-Rings are a necessity for making a rifle scope waterproof and to retain the nitrogen filling. Schmidt & Bender is replacing plastic with more durable material where ever possible - for rock solid, long-lasting riflescopes and for the sake of our precious environment.

*Contact your local dealer in order to find out which night vision is suitable in order to avoid product damage.

TECHNICAL DATA – HUNTING

															
Model	3-18x42			1-8x24 Exos		3-21x50 Exos				2.5-10x50 Polar T96		3-12x54 Polar T96		4-16x56 Polar T96	
Magnification	3-18			1-8		3-21				2.5-10		3-12		4-16	
Exit pupil-Ø (mm/in)	8.3-2.3/0.33-0.09			9.6-3.0/0.38-0.12		11.4-2.5/0.45-0.10				12.0-5.0/0.47-0.20		12.0-4.5/0.47-0.18		12.0-3.5/0.47-0.14	
Field-of-view (m/100 m)/(ft/100 yd)	14.5-2.4/43.5-7.2*			35.3-4.9/105.9-14.7		13.0-1.9/39.0-5.7				15.0-3.7/45.0-11.1		12.5-3.1/37.5-9.3		9.4-2.3/28.2-6.9	
Length (mm/in)	328/12.91			293/11.54		340/13.39				335/13.19		359/14.13		386/15.20	
Weight (g/oz)	680-700/23.99-24.69			570-590/20.11-20.81		920-930/32.45-32.80				670-680/23.63-23.99		690-700/24.34-24.69		810-830/28.57-29.28	
Mount system	Ring or LMZ rail mount			Ring mount		Ring mount				Ring or LMZ rail mount		Ring or LMZ rail mount		Ring or LMZ rail mount	
Main tube-Ø (mm/in)	30/1.18			30/1.18		34/1.34				34/1.34		34/1.34		34/1.34	
Parallax adjustment (m/yd)	20 to ∞/21.87 to ∞			100 fix (7 m in CC-Mode)/ fix 109.36 (7.66 yd in CC-Mode)		25 to ∞/27.34 to ∞				100 fix/fix 109.36		100 fix/fix 109.36		30 to ∞/32.81 to ∞	
Reticles	LP7			FD7, CQB2		D7		LRH-MOA		D7		D7		P4FL, D7	
Focal Plane	2			2		2				2		2		1 or 2	
Illumination	11 settings			11 settings		11 settings				11 settings		11 settings		11 settings	
Turrets (Elevation / Windage)	Posicon CT / Posicon CT	BDC II LT / Posicon CT	BDC II-B LT / BDC II LT	Posicon CT / Posicon CT	BDC II LT / Posicon CT	ST II LT / ST ZC CT	ST II-B LT / ST ZC CT	ST II LT / ST ZC CT	ST II-B LT / ST ZC CT	Posicon CT / Posicon CT ¹⁾	BDC II LT / Posicon CT	Posicon CT / Posicon CT ¹⁾	BDC II LT / Posicon CT	Posicon CT / Posicon CT	BDC II LT / BDC II LT
Turret rotation	cw ^{**}	cw ^{**}	cw ^{**}	cw	cw	cw/ccw	cw/ccw	ccw	ccw	cw	cw	cw	cw	cw	cw/ccw
Click value	1 cm/100 m	1 cm/100 m	1 cm/100 m	1 cm/100 m	1 cm/100 m	0.1 MRAD	0.1 MRAD	¼ MOA	¼ MOA	1 cm/100 m	1 cm/100 m	1 cm/100 m	1 cm/100 m	1 cm/100 m	1 cm/100 m
Adjustment range elevation	305 cm/100 m	100 cm/100 m	100 cm/100 m	305 cm/100 m	100 cm/100 m	15.5 MRAD	15.5 MRAD	38.5 MOA	38.5 MOA	280 cm/100 m	100 cm/100 m	176 cm/100 m	100 cm/100 m	150 cm/100 m	100 cm/100 m
Adjustment range windage	305 cm/100 m	305 cm/100 m	±50 cm/100 m	±152 cm/100 m	±152 cm/100 m	±6 MRAD	±6 MRAD	±15 MOA	±15 MOA	±140 cm/100 m	±140 cm/100 m	±88 cm/100 m	±88 cm/100 m	±75 cm/100 m	±40 cm/100 m
Internal travel elevation	305 cm/100 m	359 cm/100 m	359 cm/100 m	305 cm/100 m	410 cm/100 m	42.1 MRAD	42.1 MRAD	144 MOA	144 MOA	280 cm/100 m	377 cm/100 m	176 cm/100 m	310 cm/100 m	150 cm/100 m	187 cm/100 m
Internal travel windage	305 cm/100 m	305 cm/100 m	359 cm/100 m	305 cm/100 m	305 cm/100 m	19.8 MRAD	19.8 MRAD	68 MOA	68 MOA	280 cm/100 m	280 cm/100 m	176 cm/100 m	176 cm/100 m	150 cm/100 m	187 cm/100 m

*Field-of-view [USA] (m/100 m)/(ft/100 yd): 12.4-2.1/37.2-6.4, **Turret rotation [USA]: ccw

											
Model	2.5-10x56 Zenith	3-12x50 Zenith	2.5-10x56 Klassik	3-12x42 Klassik	3-12x50 Klassik	4-16x50 Klassik	8x56 Klassik				
Magnification	2.5-10	3-12	2.5-10	3-12	3-12	4-16	8				
Exit pupil-Ø (mm/in)	14.1-5.6/0.56-0.22	14.1-4.2/0.56-0.17	14.0-5.6/0.55-0.22	14.0-3.5/0.55-0.14	14.4-4.2/0.57-0.17	12.5-3.1/0.49-0.12	4.2/0.17				
Field-of-view (m/100 m)/(ft/100 yd)	14.2-3.6/42.6-10.8	11.9-3.1/35.7-9.3	12.8-4.0/38.4-12.0	11.1-3.4/33.3-10.2	11.1-3.4/33.3-10.2	8.3-2.5/24.9-7.5	4.0/12.0				
Length (mm/in)	333/13.11	342/13.46	385/15.16	346/13.62	350/13.78	395/15.55	388/15.28				
Weight (g/oz)	680/23.99	700-730/24.69-25.75	630/22.22	600-620/21.16-21.87	620-640/21.87-22.58	770-790/27.16-27.87	620/21.87				
Mount system	Ring or LMZ rail mount	Ring or LMZ rail mount	Ring mount	Ring mount	Ring mount	Ring mount	Ring mount				
Main tube-Ø (mm/in)	30/1.18	30/1.18	30/1.18	30/1.18	30/1.18	30/1.18	30/1.18				
Parallax adjustment (m/yd)	100 fix/fix 109.36	100 fix/fix 109.36	100 fix/fix 109.36	100 fix/fix 109.36	100 fix/fix 109.36	50 to ∞/54.68 to ∞	100 fix/fix 109.36				
Reticles	FD7	FD7, FD P3	L3	L3, P3L	L3	A7, P3	A7, L3				
Focal Plane	1	1	1	1	1	1	1				
Illumination	11 settings	11 settings	11 settings	11 settings	11 settings	No	11 settings				
Turrets (Elevation / Windage)	Posicon CT / Posicon CT	Posicon CT / Posicon CT	BDC / Posicon CT	Klassik CT / Klassik CT	Klassik CT / Klassik CT	BDC / Klassik CT	Klassik CT / Klassik CT	BDC / Klassik CT	Klassik CT / Klassik CT	BDC / Klassik CT	Klassik CT / Klassik CT
Turret rotation	cw	cw	cw	cw	cw	cw	cw	cw	cw	cw	cw
Click value	1 cm/100 m	1 cm/100 m	1 cm/100 m	1 cm/100 m	1 cm/100 m	1 cm/100 m	1 cm/100 m	1 cm/100 m	0.5 cm/100 m	0.5 cm/100 m	1 cm/100 m
Adjustment range elevation	156 cm/100 m	130 cm/100 m	32 cm/100 m	133 cm/100 m	108 cm/100 m	48 cm/100 m	108 cm/100 m	48 cm/100 m	83 cm/100 m	16 cm/100 m	184 cm/100 m
Adjustment range windage	±78 cm/100 m	±65 cm/100 m	±65 cm/100 m	±66 cm/100 m	±54 cm/100 m	±54 cm/100 m	±54 cm/100 m	±54 cm/100 m	±42 cm/100 m	±42 cm/100 m	±92 cm/100 m
Internal travel elevation	156 cm/100 m	130 cm/100 m	145 cm/100 m	133 cm/100 m	108 cm/100 m	110 cm/100 m	108 cm/100 m	110 cm/100 m	83 cm/100 m	132 cm/100 m	184 cm/100 m
Internal travel windage	156 cm/100 m	130 cm/100 m	130 cm/100 m	133 cm/100 m	108 cm/100 m	108 cm/100 m	108 cm/100 m	108 cm/100 m	83 cm/100 m	83 cm/100 m	184 cm/100 m

TECHNICAL DATA – DEFENCE AND COMPETITION

											
Model	1-8x24 Exos TMR		1-8x24 PM II ShortDot Dual CC		3-20x50 PM II Ultra Short				5-20x50 PM II Ultra Short		
Magnification	1-8		1-8		3-20				5-20		
Exit pupil-Ø (mm/in)	9.6-3.0/0.38-0.12		9.8-3.0/0.39-0.12		11.4-2.5/0.45-0.10				10.0-2.5/0.39-0.10		
Field-of-view (m/100 m)/(ft/100 yd)	35.3-4.9/105.9-14.7		35.3-4.9/105.9-14.7		13.0-2.1/39.0-6.3				7.8-2.0/23.4-5.9		
Length (mm/in)	293/11.54		293/11.54		343/13.50				299/11.77		
Weight (g/oz)	575-595/20.28-20.99		635/22.40		920-980/32.45-34.57				870-930/30.69-32.80		
Mount system	Ring mount		Ring mount		Ring mount				Ring mount		
Main tube-Ø (mm/in)	30/1.18		30/1.18		34/1.34				34/1.34		
Parallax adjustment (m/yd)	100 fix (7 m in CC-Mode)/ fix 109.36 (7.66 yd in CC-Mode)		100 fix (7 m in CC-Mode)/ fix 109.36 (7.66 yd in CC-Mode)		25 to ∞/27.34 to ∞				25 to ∞/27.34 to ∞		
Reticles	FD7, CQB2		MDR, MDR-T6		P4FL, MSR2, GR ² ID, TREMOR3				P4FL, MSR2, TREMOR5		
Focal Plane	2		1 + 2		1				1		
Illumination	11 settings		6 settings red dot/ 6 settings reticle		11 settings				11 settings		
Turrets (Elevation / Windage)	Posicon CT / Posicon CT	BDC II LT / Posicon CT	ST MTC LT / ST ZC LT	DT27 MTC LT / ST ZC CT	DT35 MTC LT / ST ZC CT	DT II+ MTC LT / ST II ZC LT	MT II MTC LT / DT II+ ZC LT	DT27 MTC LT / ST ZC CT	DT35 MTC LT / ST ZC CT	DT II+ MTC LT / ST II ZC LT	MT II MTC LT / DT II+ ZC LT
Turret rotation	cw	cw	cw/ccw	cw/ccw	cw/ccw	cw/ccw	cw/ccw	cw/ccw	cw/ccw	cw/ccw	cw/ccw
Click value	1 cm/100 m	1 cm/100 m	0.1 MRAD	0.1 MRAD	0.1 MRAD	0.1 MRAD	0.5 cm/100 m	0.1 MRAD	0.1 MRAD	0.1 MRAD	0.5 cm/100 m
Adjustment range elevation	305 cm/100 m	100 cm/100 m	12 MRAD	27 MRAD	35 MRAD	30.5 MRAD	395 cm/100 m	27 MRAD	35 MRAD	30.5 MRAD	395 cm/100 m
Adjustment range windage	±152 cm/100 m	±152 cm/100 m	±6 MRAD	±6 MRAD	±6 MRAD	±6 MRAD	±65 cm/100 m	±6 MRAD	±6 MRAD	±6 MRAD	±65 cm/100 m
Internal travel elevation	305 cm/100 m	410 cm/100 m	23 MRAD	37 MRAD	40.6 MRAD	42.1 MRAD	421 cm/100 m	37.7 MRAD	41.3 MRAD	42.6 MRAD	426 cm/100 m
Internal travel windage	305 cm/100 m	305 cm/100 m	23 MRAD	19.8 MRAD	19.8 MRAD	20.5 MRAD	205 cm/100 m	31.9 MRAD	31.9 MRAD	25.1 MRAD	251 cm/100 m

												
Model	3-12x50 PM II	5-25x56 PM II					12-50x56 PM II	6-36x56 PM II High Performance				
Magnification	3-12	5-25					12-50	6-36				
Exit pupil-Ø (mm/in)	14.3-4.3/0.56-0.17	11.0-2.3/0.43-0.09					4.6-1.2/0.18-0.05	8.3-1.6/0.33-0.06				
Field-of-view (m/100 m)/(ft/100 yd)	11.1-3.4/33.3-10.2	5.3-1.5/15.9-4.5					4.2-1.1/12.6-3.3	7.3-1.3/21.9-3.8*				
Length (mm/in)	342/13.46	420/16.54					417/16.42	390/15.35				
Weight (g/oz)	860/30.34	1065-1125/37.57-39.68					1130/39.86	940-995/33.16-35.10				
Mount system	Ring mount	Ring mount					Ring mount	Ring mount				
Main tube-Ø (mm/in)	34/1.34	34/1.34					34/1.34	34/1.34				
Parallax adjustment (m/yd)	50 to ∞/54.68 to ∞	10 to ∞/10.94 to ∞					10 to ∞/10.94 to ∞	20 to ∞/21.87 to ∞				
Reticles	P4FL	P4FL, P4FL-MOA, P5FL, MSR2, LRR-MIL, GR ² ID, H59, TREMOR3					P4F	P5FL, GR ² ID				
Focal Plane	1	1					1 or 2	1				
Illumination	11 settings	11 settings					No	11 settings				
Turrets (Elevation / Windage)	DT / ST	DT / ST	DT27 MTC LT / ST ZC CT	DT II+ MTC LT / ST II ZC LT	MT II MTC LT / DT II+ ZC LT	DT / ST ^{II}	MT / ST	DT27 MTC CT / ST ZC LT	DT35 MTC CT / ST ZC LT	DT II+ MTC LT / ST II ZC LT	MT II MTC LT / DT II+ ZC LT	
Turret rotation	cw/ccw	cw/ccw	cw/ccw	cw/ccw	cw/ccw	ccw	cw	cw/ccw	cw/ccw	cw/ccw	cw/ccw	
Click value	0.1 MRAD	0.1 MRAD	0.1 MRAD	0.1 MRAD	0.5 cm/100 m	¼ MOA	0.25 cm/100 m	0.1 MRAD	0.1 MRAD	0.1 MRAD	0.5 cm/100 m	
Adjustment range elevation	23 MRAD	26 MRAD	27 MRAD	27 MRAD	295 cm/100 m	65 MOA	173 cm/100 m	27 MRAD	35 MRAD	30.5 MRAD	395 cm/100 m	
Adjustment range windage	±6 MRAD	±6 MRAD	±6 MRAD	±6 MRAD	±65 cm/100 m	±16 MOA	±16 cm/100 m	±6 MRAD	±6 MRAD	±6 MRAD	±65 cm/100 m	
Internal travel elevation	26.6 MRAD	34.2 MRAD	31 MRAD	32 MRAD	320 cm/100 m	117 MOA	342 cm/100 m	41 MRAD	41 MRAD	41 MRAD	410 cm/100 m	
Internal travel windage	24 MRAD	16.8 MRAD	15.5 MRAD	14.8 MRAD	148 cm/100 m	57 MOA	168 cm/100 m	21 MRAD	21 MRAD	21 MRAD	210 cm/100 m	

*Field-of-view [USA] (m/100 m)/(ft/100 yd): 6.2-1.1/18.6-3.2



Find out the difference: MOA, MRAD/MIL and CM
Simply scan the QR code or visit the website:
schmidtbender.de/en/service/did-you-know

Model	3-27x56 PM II High Power				5-45x56 PM II High Power		
Magnification	3-27				5-45		
Exit pupil-Ø (mm/in)	8.7-2.1/0.34-0.08				8.8-1.2/0.35-0.05		
Field-of-view (m/100 m)/(ft/100 yd)	13.0-1.4/39.0-4.2				7.8-0.9/23.4-2.6		
Length (mm/in)	398/15.67				434/17.09		
Weight (g/oz)	1100-1160/38.80-40.92				1130-1190/39.86-41.98		
Mount system	Ring mount				Ring mount		
Main tube-Ø (mm/in)	34/1.34				34/1.34		
Parallax adjustment (m/yd)	10 to ∞/10.94 to ∞				30 to ∞/32.81 to ∞		
Reticles	P4FL, MSR2, LRR-MIL, GR ² ID, TRMOR3				P4FL, MSR2, LRR-MIL, GR ² ID, TREMOR3		
Focal Plane	1				1		
Illumination	11 settings				11 settings		
Turrets (Elevation / Windage)	DT27 MTC LT / ST ZC CT	DT35 MTC LT / ST ZC CT	DT II+ MTC LT / ST II ZC LT	MT II MTC LT / DT II+ ZC LT	DT27 MTC LT / ST ZC CT	DT II+ MTC LT / ST II ZC LT	MT II MTC LT / DT II+ ZC LT
Turret rotation	cw/ccw	cw/ccw	cw/ccw	cw/ccw	cw/ccw	cw/ccw	cw/ccw
Click value	0.1 MRAD	0.1 MRAD	0.1 MRAD	0.5 cm/100 m	0.1 MRAD	0.1 MRAD	0.5 cm/100 m
Adjustment range elevation	27 MRAD	35 MRAD	30.5 MRAD	395 cm/100 m	27 MRAD	27 MRAD	295 cm/100 m
Adjustment range windage	±6 MRAD	±6 MRAD	±6 MRAD	±65 cm/100 m	±6 MRAD	±6 MRAD	±65 cm/100 m
Internal travel elevation	42.3 MRAD	42.3 MRAD	42.3 MRAD	423 cm/100 m	29.6 MRAD	32.1 MRAD	321 cm/100 m
Internal travel windage	20.6 MRAD	20.6 MRAD	20.2 MRAD	202 cm/100 m	21.1 MRAD	14.7 MRAD	147 cm/100 m

SCHMIDT BENDER

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