



SCOPE | 2022

Ultrabright Optical System



5-30x56 DDMP
Long range

*Hunting requires
reliability and precision.*

Overview



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Generation 3



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Red dot sights



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Generation 2



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Long Range

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The DDoptics brand – developing and producing quality lenses
DDoptics is a family business founded in Dresden with headquarters now in Chemnitz. In spring 2011 DDoptics decided to expand the sales and customer centre located at the Chemnitz Schönherrfabrik.

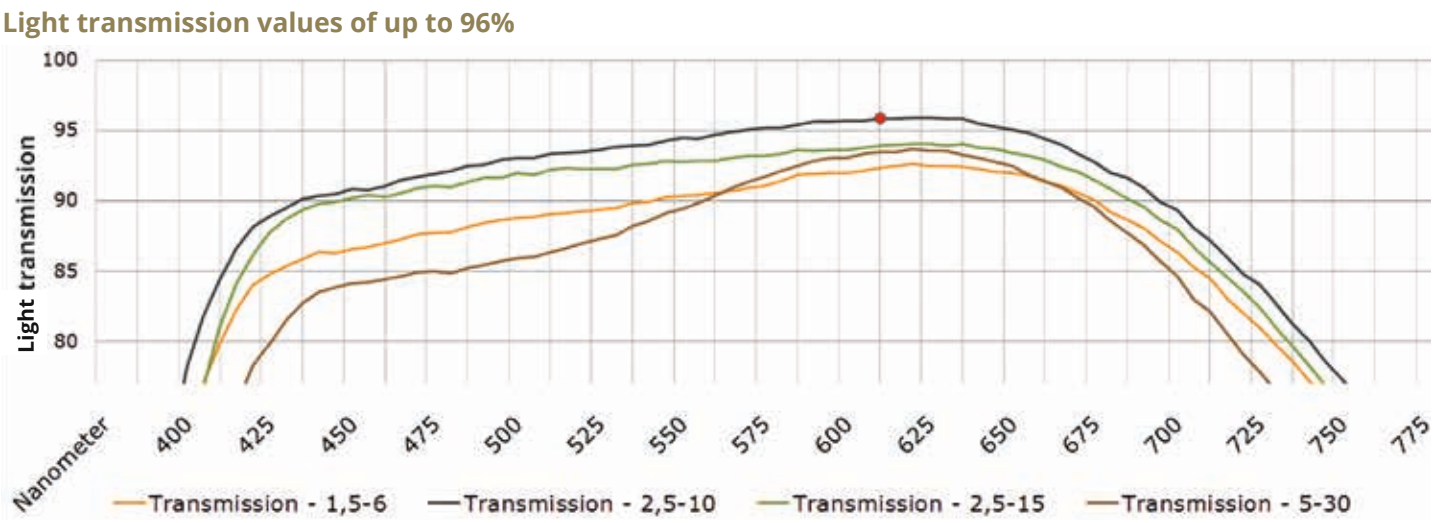
DDoptics believes in the power of vision
The eyes are the key to the beauty of the world. Our first issue is dedicated to our most important sense - vision. The human eye provides over 80 percent of the information we use to process our surroundings. All other senses are inferior. Our visual impression determines how we feel, what we know or believe we know.









Made in Japan meets Made in Germany
Developed in Germany, with the optical and mechanical groups manufactured in Japan. The red dot electronics of the automatic red dots IFiber and IPoint are developed, manufactured and then installed during the final assembly at our facility in Chemnitz.

Made by DDoptics
For DDoptics not only is the origin key, but the highly innovative abilities of the partner. Made by DDoptics combines the most capable and experienced partners in one product.

Scopes for life
Offering maximum precision, outstanding light transmission of up to 96% and the world's best red dot (IFiber and IPoint), scopes by DDoptics ensure lasting satisfaction. The quality workmanship of the components, e.g. the metal reticle adjustment ensure your scope will be by your side for life.



					
Scopes	General hunting	Drive hunt	Stalking	Sitting game	Mountain hunting
NFX					
2.5-10x56 NFX	★ ★ ★	★	★ ★	★ ★ ★	
2.5-15x50 NFX	★ ★ ★	★	★ ★ ★	★ ★	★ ★ ★
2.5-15x56 NFX	★ ★ ★	★	★ ★ ★	★ ★	
Generation 3					
2,5-10x56 Gen3	★ ★ ★	★	★	★ ★ ★	★
2,5-15x50 Gen3	★ ★ ★	★	★ ★	★ ★	★ ★ ★
5-30x50 Gen3	★ ★ ★		★ ★	★	★ ★ ★
2,5-16x42 Gen3	★ ★ ★	★	★ ★ ★		★ ★ ★
1,5-6x42 Gen3	★ ★ ★	★ ★	★ ★ ★	★	
1-6x24 Gen3	★ ★ ★	★ ★ ★	★ ★ ★		
Generation 2					
2,5-10x56 Gen2	★ ★ ★	★	★	★ ★ ★	★
Long Range					
5-30x56 DDMP	★ ★		★ ★	★ ★	
4-40x50 DDMP	★		★ ★		
5-30x50 Tactical	★ ★		★ ★	★	★ ★
Red dot sights					
DDsight 3 Made in Germany	★ ★ ★	★ ★ ★	★ ★		
DDsight Gen3	★ ★ ★	★ ★ ★	★ ★		
DDsight Pro	★ ★ ★	★ ★ ★	★ ★		

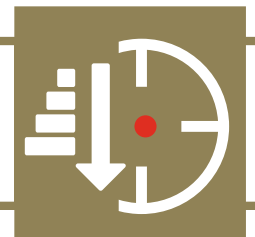
NFX

BRIGHT SPECIAL VERSION NFX

The NFX series combines the current brightness of Gen 3 scopes with the new properties of the NFX eyepiece. The features of the N-FX are new. Apart from the substantially greater field of view, the view is greatly improved.



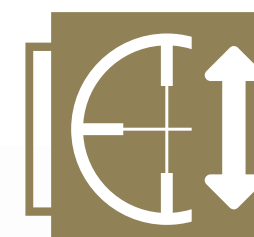
RED DOT
VARIABLE



ZERO STOP
ZERO STOP



PARALLAX
COMPENSATION



Page 09 | 2.5-15x50 NFX

The perfect V6 scope for sitting game and stalking

Zero Stop for ASV

Hard Tactical MRAD click catch

MRAD 1cm/click adjustment 184 clicks = 1.84 m at 100 m

Page 10 | 2.5-10x56 NFX

The perfect V4 scope for nighttime sitting

Light transmission of 92% (nighttime value) - 96% (maximum)

and the world's best red dot.

Zero Stop for ASV

MRAD 1cm/click adjustment 184 clicks = 1.8m at 100 m

Page 12 | 2.5-15x56 NFX

The perfect V6 scope for nighttime hunting and more.

Light transmission of 92% (nighttime value) - 96% (Maximum) along with high resolution and magnification.

MRAD 1cm/click adjustment 184 clicks = 1.84m at 100 m

Zero Stop for ASV



HOW DOES IFIBER CONTROL WORK?

The logical answer is state-of-the-art microtechnology. The new red dot control features state-of-the-art microtechnology. A cutting-edge position and motion sensor detects any movement and the position of the optics. A controller interprets this data so the red dot is ready when you need it and still saves the most amount of power. The monitor has an internal consumption which does not exceed the self-discharge of your battery. Setting 1-5 is suitable for hunting with night vision device.



2.5-15x50 NFX

MOUNTAIN HUNTING AND STALKING IN DIFFICULT LIGHTING CONDITIONS



- 1 CT glass for higher light transmission and contrasts
- 2 Parallax compensation to adjust the focus, eliminate aiming error and measure the distance
- 3 Large magnification adjusting range V6 - 6x zoom
- 4 New eyepiece with up to 15 m field of view and improved view
- 5 Diopter +-3
- 6 Variable and automatic smart red dot / Night Vision mode
- 7 Hard click with Zero Stop, 0.1 MRAD adjustment, all metal
- 8 Windage adjustment reverse scale (left/right)



V4

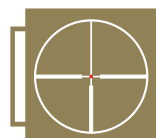
2.5-10x56 NFX

HUNTING TO THE LAST SHOOTING LIGHT

HUNTING TYPE
DUSK



HUNTING TYPE
SITTING GAME



RETICLE
NEW 4N



SUITABLE FOR
NSG / WBK



CLICK ADJUSTMENT
0.1 MRAD

- CT glass for higher light transmission and contrasts 1
- Parallax compensation to adjust the focus, eliminate aiming error and measure the distance 2
- Large magnification range V4 - 4x zoom 3
- New eyepiece with up to 15 m field of view and improved view 4
- Diopter +-3 5
- Variable and automatic smart red dot / Night Vision mode 6
- Hard click with Zero Stop, 0.1 MRAD adjustment, all metal 7
- Windage adjustment reverse scale (left/right) 8

IFiber
position control



Scan me

V6

2.5-15x56 NFX

Hunt at any range



- 1 CT glass for higher light transmission and contrasts
- 2 Parallax compensation to adjust the focus, to eliminate aiming errors and measure the distance
- 3 Large magnification adjusting range V6 - 6x zoom
- 4 New eyepiece with up to 15 m field of view and improved view



- 5 Diopter +-3
- 6 Variable and automatic smart red dot / Night Vision Mode
- 7 Hard click with Zero Stop, 0.1 MRAD adjustment, all metal
- 8 Windage adjustment reverse scale (left/right)



IFiber
position control



Scan me

KEY FACTS - NFX

Sunshade
Ø 58
Length 105 mm



2.5-15x50 NFX

Sunshade
Ø 65
Length 80 mm



2.5-10x56 NFX

Sunshade
Ø 65
Length 80 mm



2.5-15x56 NFX

NEW RETICLE 4N FOR MINIMAL RETICLE SUBTENSION

Looking through the Generation III scope, the user immediately notices the practical design: The hairline cross in the 4N reticle is much finer, the slightly thicker outer lines are only half as thick and set considerably further apart.

NEW FEATURES

What's new on the latest generation scopes?

1. The 4N reticle is considerably finer and leaves more room in the middle.
2. The reticle adjustment is made from metal, defined clearer and features double turn and Zero Stop.
3. FX = larger field of view & better view and less periphery in the view.
3. CT glass (Clear Transmission) (low dispersion) - extremely low veiling glare. (prevents milky effect)
3. Double scaling (double turn).
4. Reticle adjustment metal turrets (no plastic).
5. Adjustment track 184 clicks = 1.8m at 100 m.
6. Hard tactical 0.1 MRAD click mechanism (1cm/click).

ZERO STOP

After sighting in, the reticle adjustment can be "zeroed". Now turn the Zero Stop ring until it stops. Then lock in the zero setting from below with the Zero Stop ring to ensure it stops at zero.

INCLUDES:

- Ballistics set (only Zero Stop scopes)
- Cleaning cloth
- Flip caps
- DD Optics Chip
- Targets
- Target lenses instructions



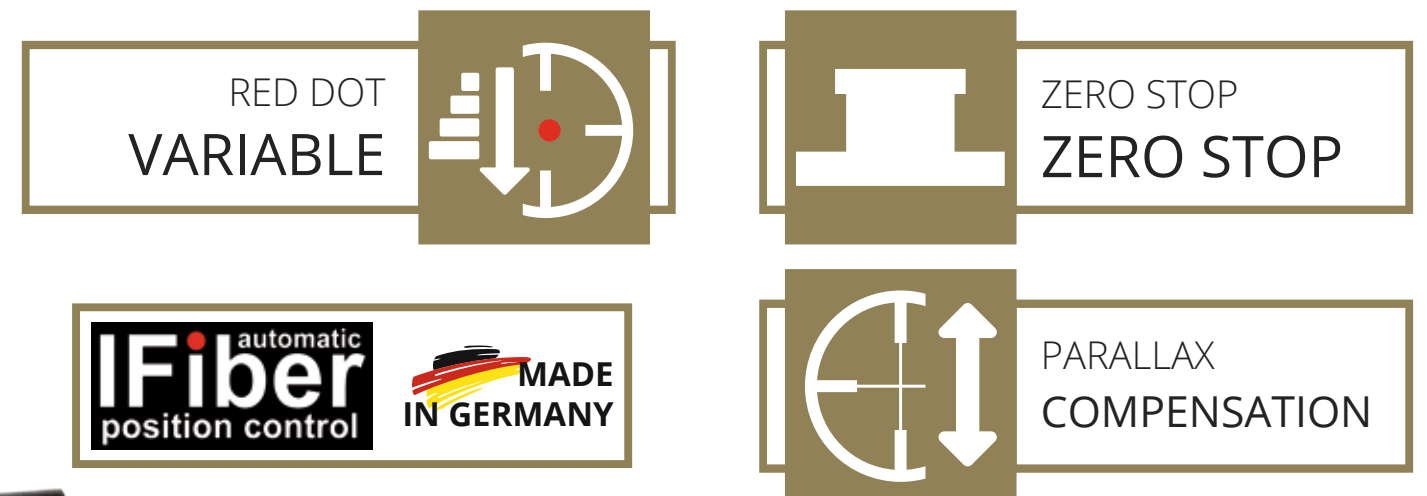
Scan me



Generation 3

MAXIMUM PRECISION AND RELIABILITY

Offering maximum precision, outstanding light transmission of up to 96% and the world's best red dot (IFiber), DDoptics scopes ensure lasting satisfaction.



2.5-16x42 Gen3 | Page 19

The perfect V6 scope for stalking / made specifically for NSG and thermal images. Up to 14m field of view and new, minimalistic 4N reticle. Efficient parallax compensation with 10m near range allow best alignment with night vision technology and thermal images even at high magnification.

2.5-15x50 Gen3 | Page 20

The perfect V6 scope for stalking, sitting game or mountain hunting. The combination of brightness, high magnification and the slightly smaller size make this optical sight the perfect accessory for your stalking rifle or mountain rifle.

2.5-10x56 Gen3 | Page 23

The nighttime killer among scopes. The V4 lenses prevent any loss due to a smaller zoom range and a simple eyepiece. This, along with the elaborate coating, yield maximum light transmissions of 92-96%.

Page 24 | 5-30x50 Gen3

The V6 scope for long, precise shots. The scopes are available with 1/8 MOA click adjustment or MRAD. This optic can easily handle ranges from 300 to 1000 m. The Zero Stop ensures you can easily return to the zero setting of the ASV.

Page 28 | 1-6x24 Gen3

The V6 scope by DDoptics for drive hunt and driven hunt. This optical sight features an extremely wide field of view of 37.8 m at 100 m. But more importantly, perfect 0 magnification and the crisp edge which makes looking through the sight with both eyes so comfortable you may forget it's there.

Page 29 | 1.5-6x42 Gen3

The V4 scope for stalking, drive and mountain hunting which is also perfectly suited for using NSG and WBK and night vision device. This makes its an inexpensive and, with respect to the design, short alternative to the optical sight 2.5-16x42.



2,5-16x42 Gen3

Perfect for use

HUNTING TYPE
DUSK



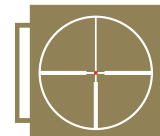
HUNTING TYPE
STALKING



HUNTING TYPE
SITTING GAME



RETICLE
NEW 4N



SUITABLE FOR
NSG / WBK



CLICK ADJUSTMENT
0.1 MRAD



- CT glass for higher light transmission and contrasts 1
- Parallax compensation to adjust the focus, eliminate aiming error and measure the distance 2
- Large magnification adjusting range V6 - 6x zoom 3
- Diopter +-3 4
- Variable and automatic smart red dot / Night Vision mode 5
- Hard click with Zero Stop, 0.1 MRAD adjustment, all metal 6
- Windage adjustment reverse scale (left/right) 7

IFiber
automatic
position control



Scan me

V6

2,5-15x50 Gen3

Slim and powerful

Variable and automatic smart red dot / Night Vision mode 5

Hard click with Zero Stop,
0.1 MRAD click adjustment, all metal 6

Windage adjustment reverse scale (left/right) 7

HUNTING TYPE
MOUNTAIN
HUNTING



HUNTING TYPE
DUSK



CLICK ADJUSTMENT
0.1 MRAD



SUITABLE FOR
NSG / WBK

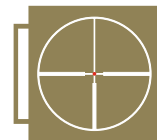


CT glass for higher light transmission and contrasts 1

Parallax compensation to adjust the focus, to eliminate
aiming errors and measure the distance 2

Large magnification adjusting range V6 - 6x zoom 3

Diopter +-3 4



RETICLE
NEW 4N

IFiber
position control



Scan me





2,5-10x56 Gen3

To the last shooting light



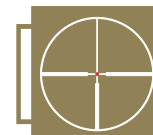
HUNTING TYPE
DUSK



HUNTING TYPE
SITTING GAME



RETICLE
NEW 4N



SUITABLE FOR
NSG / WBK



CLICK ADJUSTMENT
0.1 MRAD



- CT glass for higher light transmission and contrasts 1
- Parallax compensation to adjust the focus, eliminate aiming error and measure the distance 2
- Large magnification range V4 - 4x zoom 3
- Diopter +-3 4
- Variable and automatic smart red dot / Night Vision mode 5
- Hard click with Zero Stop, 0.1 MRAD click adjustment, all metal 6
- Windage adjustment reverse scale (left/right) 7

IFiber
automatic
position control



Scan me

- CT glass for higher light transmission and contrasts 1
- Parallax compensation to adjust the focus, eliminate aiming error and measure the distance 2
- Magnification adjustment ring redesigned and optimised 3
- Large magnification adjusting range V6 - 6x zoom 4
- Variable and automatic smart red dot / Night Vision mode 5
- Hard click with Zero Stop, 0.1 MRAD click adjustment, all metal 6
- Windage adjustment reverse scale (left/right) 7

5-30x50 Gen3

Hunting precision at long range



iFiber
automatic
position control



Scan me



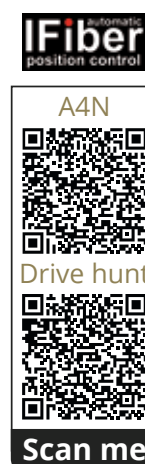


V6 1-6x24 Gen3

The drive hunt expert by DDoptics



- 1 CT glass for higher light transmission and contrasts
- 2 Large magnification adjusting range V6 - 6x zoom
- 3 Diopter +-3
- 4 Variable and automatic smart red dot / Night Vision mode
- 5 Hard click with Zero Stop, 0.1 MRAD adjustment, all metal
- 6 Windage adjustment reverse scale (left/right)



V4 1,5-6x42 Gen3

Universally masterful



- 1 CT glass for higher light transmission and contrasts
- 2 Magnification adjustment ring redesigned and optimised V4 4x zoom
- 3 Diopter +-3
- 4 Variable and automatic smart red dot / Night Vision Mode
- 5 Zero without Zero Stop, 1/4 MOA soft click
- 6 Windage adjustment reverse scale (left/right)



KEY FACTS - GENERATION 3

Sunshade
Ø 58
Length 105 mm



2,5-15x50 Gen3

Sunshade
Ø 58
Length 105 mm



5-30x50 Gen3 hunting

NEW RETICLE 4N FOR MINIMAL RETICLE SUBTENSION

Looking through the new Generation III scope the user immediately notices the practical design: The hairline cross in the N4 reticle is much finer, the slightly thicker outer lines are only half as thick and set considerably further apart.

NEW FEATURES

What's new on the latest generation scopes?

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3. FX = larger field of view & better view and less periphery in the view.
3. CT glass (Clear Transmission) (low dispersion) - extremely low veiling glare. (prevents milky effect)
3. Double scaling (double turn).
4. Reticle adjustment metal turrets (no plastic).
5. Adjustment track 184 clicks = 1.8m at 100 m.
6. Hard tactical 0.1 MRAD click mechanism (1cm/click).

ZERO STOP

After sighting in, the reticle adjustment can be "zeroed". Now turn the Zero Stop ring until it stops. Then lock in the zero setting from below with the Zero Stop ring to ensure it stops at zero.

INCLUDES:

- Ballistics set (only Zero Stop scopes)
- Cleaning cloth
- Flip caps
- DDOptics Chip
- Targets
- Target lenses instructions



2,5-16x42 Gen3



2,5-10x56 Gen3



1-6x24 Gen3



1,5-6x42 Gen3





**A REAL GOOD
TEAM**



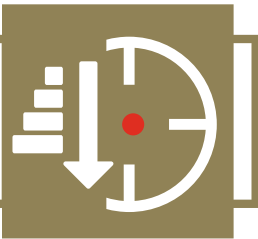
Generation 2

INEXPENSIVE YET
EFFICIENT

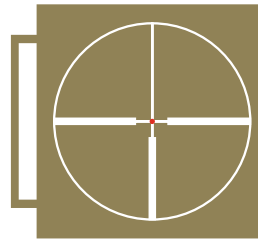
2,5-10x56 Gen2

TOP LIGHT TRANSMISSION

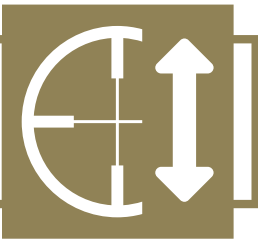
RED DOT
VARIABLE



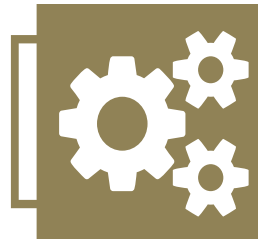
RETICLE
4



PARALLAX
COMPENSATION



CLICK ADJUSTMENT
1/4 MOA



- 1 Fully coated lens for better light transmission and contrasts
- 2 Parallax compensation to adjust the focus, eliminate aiming error and to measure the distance
- 3 Magnification adjustment ring, V4 4x zoom
- 4 Diopter +/-3

- 5 Variable and automatic smart red dot / Night Vision Mode
- 6 Soft click without Zero Stop 1/4 MOA click adjustment
- 7 Windage adjustment reverse scale (left/right)



HUNTING TYPE
DUSK



HUNTING TYPE
SITTING GAME



SUITABLE FOR
NSG / WBK

iFiber
position control



Scan me



KEY FACTS - GENERATION 2



INEXPENSIVE YET POWERFUL

Lenses made in Japan and IFiber made in Germany. An offer for smart shoppers.

From drive hunt and the field to the last shooting light. An optical sight for any hunting field. The field of view of 12.6 m along with the good view and slim edge on the lateral eyepiece are certain to ensure good rapid shooting conditions, e.g. during a drive hunt. The large V4 zoom range of up to 10x magnification allows for a reliable response even at long range. Seven long-range shots of up to 1000 m have been taken with this optical sight. The outstanding Light transmission won't let you down to the last shooting light. The automatic, smart red dot IFiber will assist you whenever you need it.

- RETICLE ADJUSTMENT: 1/4 CLICK
- ABSOLUTE REPEAT ACCURACY
- EXTREME LIGHT TRANSMISSION OF UP TO 94.7%
- IFIBER CONTROL AVAILABLE
- SHOOTING STABILITY TEST: 375H&H MAGNUM WITH OVER 1000 SHOTS
- VARIABLE PARALLAX COMPENSATION
- RETICLE 4
- GEN 2 IS STILL BEING PRODUCED EVEN WITH GEN 3 BEING AVAILABLE

INCLUDES:

- Cleaning cloth
- Flip caps
- DD Optics Chip



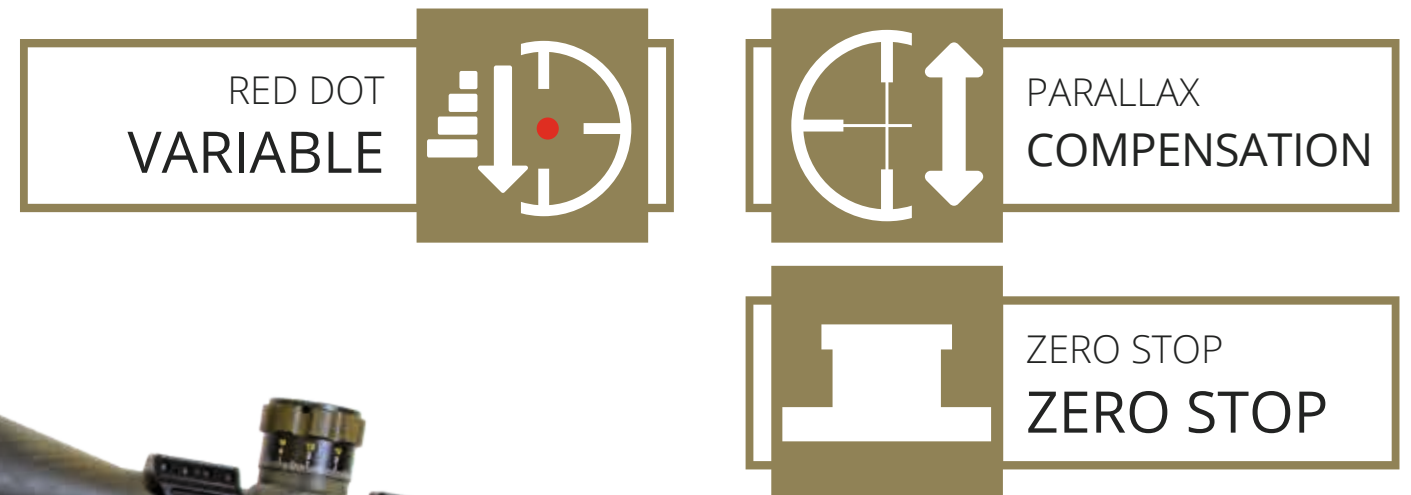
MUST HAVE
this



Long Range

SCOPES FOR SPORTING MARKSMEN

Tactical scopes for competitions and Longrange scopes by DDoptics offer adjusting ranges of up to 30 MRAD (DDMP). This allows for ranges over 2000m.



WHAT'S BETTER? 0.1 MRAD OR 1/8 MOA

Adjustments of 0.1 MRAD are preferred for the 1st focal plane of so-called long range scopes with reticle. Advantage: Just a few turns with the turret to quickly adjust to various distances. No need to convert between reticle and adjustment.

1/8 adjustments on the other hand offer a finer adjusting range, highly beneficial in precision shooting at up to 300m. Of course it's also beneficial at **1000 m** if a click only corresponds to 3.6cm instead of a whole 10cm of an MRAD adjustment. The drawback is that you need to "crank" several rounds to use the entire adjusting range.

That's why all sports scopes are always available in both versions.

Page 43 | 5-30x56 DDMP

DDMP - V6 - DDoptics Match Precision

30 MRAD adjustment track allows extreme long-range shots

Sturdy 34mm lens barrel

0.1 MRAD and 1/8 MOA versions available - hard & soft click tactical reticle adjustment

Page 44 | 4-40x50 DDMP

DDMP - V10 - DDoptics Match Precision

30 MRAD adjustment track allows extreme long-range shots

Sturdy 34mm lens barrel

0.1 MRAD and 1/8 MOA versions available - hard & soft click tactical reticle adjustment

Page 48 | 5-30x50 Tactical

V6 - DDoptics Tactical

16.5 MRAD adjustment track allows extreme long-range shots

Sturdy 30 mm lens barrel

0.1 MRAD and 1/8 MOA Versions available - hard click tactical reticle adjustment



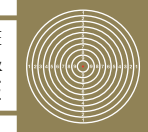
V6

5-30x56 DDMP FFP*

Perfect for the demanding sporting marksmen



TYPE
SPORT- &
LONG RANGE



CLICK ADJUSTMENT
1/8 MOA
0.1 MRAD

RETICLE
TacA



SUITABLE FOR
NSG / WBK

- CT glass for higher light transmission and contrasts 1
- Parallax compensation to adjust the focus, eliminate aiming error and measure the distance 2
- Variable and automatic smart red dot / Night Vision mode 3
- Large magnification adjusting range V6 - 6x zoom 4
- Diopter +-3 5
- TacA reticle 1st focal plane 6
- Double Turn with Zero Stop tactical version, hard waterproof 01 MRAD click 30 MRAD adjustment for extreme long-range shots 7
- Open metal turrets, 0.1 MRAD hard click with **internal Zero Stop** 8
- Windage adjustment reverse scale (left/right) 9
- 34mm lens barrel 10

IFiber
position control



Scan me

*First field position

V10 4-40x50 DDMP SFP*

Precision with 10x zoom



- 1 CT glass for higher light transmission and contrasts
- 2 Parallax compensation to adjust the focus, eliminate aiming error and measure the distance
- 3 Variable and automatic smart red dot
- 4 Staggering magnification V10 - 10x zoom
- 5 Diopter +-3
- 6 TacA reticle 2nd focal plane

- 7 Double Turn with Zero Stop
tactical version, hard waterproof 0.1 MRAD click
duralumin reticle adjustment
- 8 Open turrets with internal Zero Stop
1/8 MOA hard click or 01, MRAD click adjustment
- 9 Windage adjustment reverse scale (left/right)
- 10 34mm lens barrel



IPoint
auto position control



Scan me

*Second field position



DDOptics scopes are tested worldwide in extreme conditions. Our lenses need to prove themselves the rough and sandy nature in Namibia as well as the frosty north of Norway. Hans Werner Erpf continuously expanded a particularly beautiful test range north of the Waterberg in Namibia in recent years, turning it into Longrange Eldorado. Here people can practice long-range shots of up to 3 km at different firing ranges.

Tested Worldwide

V6 5-30x50 Tactical SFP*





Long range specialist

TYPE
SPORT- &
LONG RANGE



HUNTING TYPE
MOUNTAIN
HUNTING



-  SUITABLE FOR
NSG / WBK
-  CLICK ADJUSTMENT
1/8 MOA
0.1 MRAD
-  RETICLE
MIL-DOT
-  RETICLE
DUPLEX

- CT glass for higher light transmission and contrasts 1
- Parallax compensation to adjust the focus, eliminate aiming error and measure the distance 2
- Large magnification adjusting range V6 - 6x zoom 3
- Diopter +-3 4
- Variable and automatic smart red dot with / Night vision Mode 5
- Double Turn with Zero Stop 6
- Open turrets, 1/8 MOA hard click with Zero Stop or 01, MRAD click adjustment 7
- Zero Stop ring offers a hard stop at zero. Turn the Zero Stop ring until it stops, secure turret caps, mark different ranges. 8
- Windage adjustment reverse scale (left/right) 9

IFiber
position control



*Second field position

KEY FACTS

Sunshade
Ø 65
Length
80 mm



5-30x56 DDMP

Sunshade
Ø 59
Length
78.5 mm



4-40x50 DDMP

Sunshade
Ø 59
Length
78.5 mm



5-30x50 Tactical

LONG RANGE

Tactical scopes for competitions and long range scopes by DDoptics offer adjusting ranges of up to 30 MRAD (DDMP). This allows for ranges over 2000m. Scopes with 1/8 MOA click adjustment are particularly suited for precision shooting up to 300m and more. The legendary repeatability of DDoptics ensures the aim point remains the exact same position when returning the reticle to the original position (hole in hole). The Zero Stop ensures you can easily return to the zero setting of the ASV.

INCLUDES:

- Ballistics kit
- Cleaning cloth
- Flip caps
- DDoptics Chip
- Targets
- Target lenses instructions



Scan me



*Precision
is no accident*





Red dot sights

PERFECT RED DOT SIGHTS FOR HUNTING AND SPORTS

The housing protection class (IP54) keeps out water and dust. The Gen3 and Mini red dots feature auto control with six brightness settings and night vision mode.



Page 56 | DDsight Gen 3

Perfect red dot sight for sporting and hunting. Your DDsight red dot sight will get you to the target in no time, and is one of the toughest and most resistant red dot sights on the market.

Page 58 | DDsight G3 Made in Germany

One of the most compact red dot sights on the market. Whether handgun or rifle, the DDsight G3 is a compact yet sturdy target solution.

Page 59 | DDsight Pro

The DDsight PRO was designed for professional marksmen in the military and police, setting high standards for hunting and sporting marksmen. The DDsight PRO is an enclosed style reflex sight.

DDsight Gen 3

Red-Dot reflex sight with
changeable quick-release mount



- 1 Corrective lens for a crisp image over the entire field of view
- 2 Multi-coating for a better resolution and contrast and higher luminous intensity
- 3 Red dot sight, with 6 brightness settings incl. night vision mode and auto shut-off

- 4 Protection class IP54, thus can withstand some rain.
- 5 Built-in mount for 21mm Weaver / Picatinny rail (DDsight Gen.3 incl. quick-release mount)
- 6 Sturdy metal housing made from high-strength aluminium



DDsight G3

Made in Germany

Perfect red dot sight for sporting and hunting



- 1 Electronic brightness adjustment
- 2 Easy mount for Weaver / Picatinny rail
- 3 Battery compartment
- 4 Up & Down adjustment
- 5 Red dot sight
- 6 Sturdy metal housing made from high-strength aluminium



DDsight Pro

Designed for professional use



- Integrated flip caps, protect the 30mm lens 1
- Built-pin mount, for 21mm Weaver / Picatinny rail incl. quick-release mount 2
- Digital up & down button adjustment 3
- Metal turrets, with +/- 30 MOA adjusting range 4
- Easy to access battery compartment, powered by AAA battery for extremely long use 5
- Close design with very fine red dot, 11 brightness settings incl. night vision mode 6
- Automatic brightness adjustment 7
- Protection class IP65, waterproof 8



Passing for hunting

The moment when everything fits.



DDoptics CS series

Scope customisation

Custom finish

The DDoptics Custom Style series allows you to customise the coating of all scopes. Only premium ceramic coatings by Cerakote are used. In addition to an unmistakable design, this coating further offers distinct surface properties - a true upgrade to optical sight. These include high abrasion strength, optimal chemical resistance and high scratch resistance. Both new and used sights can be coated.

Magnification adjustment ring, not coatable 1

Diopter, not coatable 2

Eyepiece, coatable 3

Turrets & parallax compensation, not coatable 4

Lens barrel, coatable 5

Nameplate ring, not coatable 6

Cover, coatable 7



also available in RAL 8000

Dentler mounting system

In a combo with optical sights by DDoptics



Hitting 100% has never been so easy!

Glas #1

Ansitz

Glas #2

Drückjagd

Glas #3

Reflexvisier

+ Grundschiene BASIS®

+ BASIS® VARIO

für weitere Waffen / Wechselläufe

= 100% flexibel

Assembly

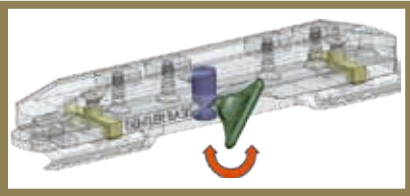
All DDoptics scopes are optionally available with a DENTLER mounting rail (ring with rings, 30mm). These mounting rails mount to any DENTLER base rail ("Basis Vario" or "Basis"). DENTLER base rails are available for most common weapons. The DENTLER mounting system is 100% compatible and designed for zero tolerance. The two-piece system forms an absolutely secure connection between weapon and optical sight with 100% repeatability. Once adjusted, the mounting rail always locks into the base rail with the same tightening torque and no play. Another advantage of DENTLER: Securely and easily use several optical sights with any of your weapons. The "Basis Vario" base rail allows you to even mount all optical sights to different weapons quickly and easily. We will gladly personally advise you on the DENTLER mounting system.



Combine any sight with any weapon!

What makes the BASIS© concept so unique?

The mounting rail locks into place on any base rail, always at the same tightening torque and with absolutely no play on any axis = the prerequisite for 100% repeatable sight changes on one or more weapons.



How do the 100% secure sight change work with multiple weapons with BASIS© VARIO?

The variable windage and elevation adjustment of the BASIS® VARIO base rail sights the weapon. The sight still uses the same adjustments and can be used with multiple weapons without adjusting it.



BASIS© mounting rail for DDoptics optical sights

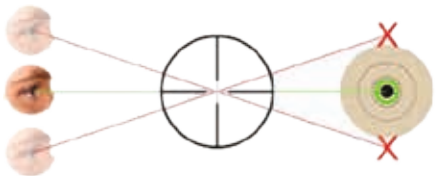


BASIS©			
Anschütz 1780	HOWA short	Sabatti Mercury 870 cal .308 Win.	Steyr Mannlicher Classic SL
Antonio Zoli 1900	M98/K98 with bead, no bores	Sabatti Saphir	Steyr Mannlicher Classic WSM
Benelli Argo	M98/K98 no bead, no bores	Sako 85 L	Steyr Mannlicher model M&S
Bergara BX11	Marlin 1895	Sako 85 M	Steyr Mannlicher Pro Hunter L
Bergara Scout	Mauser M12	Sako 85 S	Steyr Mannlicher Pro Hunter M
Blaser	Mauser M18	Sako 85 SM	Steyr Mannlicher Pro Hunter S
Blaser R8	Merkel K3/B3/K4/B4	Sako 85 XL	Steyr Mannlicher Pro Hunter SL
Browning Bar	Merkel RX Helix	Sako 85 XS	Steyr Mannlicher Pro Hunter WSM
Browning Maral	Merkel SR1	Sako A7 M	Steyr Mannlicher SM12 L
Browning X-Bolt long	Prisma 60° 10mm	Sako A7 S	Steyr Mannlicher SM12 M
Browning X-Bolt short	Prisma 60° 11mm	Sauer 101	Steyr Mannlicher SM12 S
Browning X-Bolt super short	Prisma 60° 12mm	Sauer 202 Magnum	Steyr Mannlicher SM12 SL
Brünnner CZ 550	Prisma 60° 14.5mm	Sauer 202 Medium	Steyr Mannlicher SM12 WSM
Brünnner CZ 557	Prisma 60° 16mm	Sauer 303	Tikka T3
CZ557 .308 Win.	Prisma 60° 18mm	Sauer 80/90	Verney-Carron Impact LA
Haenel Jaeger 10	Prisma 60° 19.5mm	Sauer 80/90 Magnum	Weaver / Picatinny long
Heym SR21	Remington 700 long	Sauer Weatherby Europa	Weaver/Picatinny 0 MOA
Heym SR30	Remington 700 short	SteelAction HS/HM	Weaver/Picatinny 20 MOA
HK SLB 2000	Rohling 161mm	Steyr Mannlicher Classic L	
Howa 1500 cal .308 Win.	Rößler Titan 3 and 6	Steyr Mannlicher Classic M	
HOWA long	Sabatti Mercury 870	Steyr Mannlicher Classic S	

BASIS© VARIO		
Anschütz 1771	Mauser M12	Mannlicher Classic L
Antonio Zoli 1900	Mauser M18	Steyr Mannlicher Classic M
Benelli Argo	Mauser M98 short system	Steyr Mannlicher Classic S
Blaser	Mauser M98 standard system	Mannlicher Pro Hunter L
Browning Bar	Merkel SR1	Mannlicher Pro Hunter M
Browning Maral	Merkel RX.Helix	Steyr Mannlicher Pro Hunter S
Browning X-Bolt long	Remington 700 long	Steyr Mannlicher SM12 L
Browning X-Bolt short	Remington 700 short	Mannlicher SM12 M
Browning X-Bolt super short	Rößler Titan 3&6	Steyr Mannlicher SM12 S
Haenel Jaeger 10	Sauer 101	Tikka T3
Heym SR 21	Sauer 202 Magnum	Weaver/Picatinny
Heym SR 30	Sauer 202 Medium	
Howa long	Sauer 404	

Parallax error and parallax compensation

Explanation and functionality of parallax compensations: If the shooter does not look "straight" into the eyepiece but from an "angle", causing aiming errors - so-called parallax.



The cause of this scope parallax

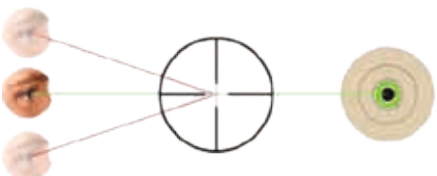
This is caused by the eye not being positioned in the straight line running from the middle of the reticle to the target. The optical axis and visual axis do not coincide. Scopes in particular can cause deviations between the distant point and reticle when viewed from an angle. These will then cause aiming errors. A scope is only parallax-free at a very specific distance. All other distances will cause parallax errors. An optical sight where every object distance is parallax-free is impossible. The greater the difference between the viewing distance and the set parallax-free distance, the greater the parallax error. Quality scopes therefore often feature an adjustment to also prevent parallax at different ranges, the so-called parallax compensation in scopes.

Don't fear parallax compensation!

Simply use the parallax compensation to correct the focus and simultaneously correct parallax errors. Then simply read the range from the compensation scale if you'd like to know it. The higher the magnification, the more accurate the compensation. Never readjust the focus with the diopter of the eyepiece, as this would make the reticle out of focus.

Scopes with parallax compensation

On scopes with parallax compensation the lens is moved to correct parallax errors for the desired range. Once the optical sight has been adjusted for the desired range with the parallax compensation, the position of the reticles does not change, even when looking into the ocular from an angle, it remains fixed on the target. Parallax compensation can further be used to readjust the focus for a crisp, sharp image without having to readjust the eyepiece, which in turn would make the reticle out of focus. Another effect of focusing with parallax compensation is that it also automatically adjusts the parallax when adjusting the focus manually.



Advantages of reticles with fibre optic red dot:

The light is only located in the fibre optic strand, thus cannot cause undesirable side and cross-fade effects. The red dot is extremely small (lowest possible reticle subtension). When dimmed a lot, the red dot not only becomes darker but also finer, as the light focuses on the centre of the optical fibre. At full power, the light is guided from the light source to the centre of the reticle with virtually no loss. The red dot optical fibre is fully illuminated, thus also suitable for daylight and backlight.

Red dot and night vision technology:

DDoptics red dots have a special night vision device mode which allows combining night vision device (NSG) and sight in one. You can typically find the NSG mode by dimming to below level 4. The light unit is then no longer visible to the naked eye, yet still activated. The 3rd generation barrels or high-quality Photonis tubes allow adjustment specifically with DDoptics to also enable full dimming in the NSG.

Combining optical sight and night vision device with an adapter is prohibited in Germany!

MIL-Dot reticle

At 10x magnification, the distance from dot to dot is about 10 cm at 100 m. Doubling the magnification (20x) will cut the dot to dot distance in half, i.e. 5 cm. Doubling the distance will also double the distance between dots (10x magnification at 200 m = 20cm distance).

Calculating the minute of angle / MOA

1 MOA (one minute of angle) is 1/60th of an angular degree. At a distance to the target 100 m a 1 MOA adjustment corresponds to a 2.9 cm adjustment.

Sample calculation for clarification:

Target range (= radius): 100 m / 10,000 cm

Calculating the circumference:

$2 \times \text{radius} \times 3.14 (\text{PI}) = 628.31 \text{ m} / 62,831.85 \text{ cm}$

1 degree then corresponds to 1/360th of the circumference: 1.745 m / 174.53cm

1 MOA then corresponds to 1/60th of a degree:

0.029 m / 2.908882 cm

1/4 MOA is therefore 0.72722 cm per click at 100 m (7.3 mm / click at 100 m)

1/8 MOA is therefore 0.36361 cm per click at 100 m (3.6 mm / click at 100 m)

Doubling the distance will also double the adjusting range, i.e. an adjustment of 1/4 MOA at 200 m corresponds to 14.54 mm.

MRAD adjustment (1 click = 1cm/100m)

Newer optical sights by DDoptics are equipped with MRAD (milliradian) adjustment. "MRAD" is a radian measure which specifies the distance travelled along a circumference.

Sample calculation for clarification:

Target range: 100 m / 10,000 cm

Circumference: $2 \times 3.14 (\text{PI}) \times 1000 = 6283.18 \text{ milliradian}$

1 milliradian therefore corresponds to 3.4377 MOA

1 milliradian = 10.00 cm (3.4377 MOA x 2.908 cm)

0.1 milliradian is therefore 1.0 cm per click at 100 m (10 mm / click at 100 m)

With MRAD, the adjusting range also doubles if the distance doubles, i.e. an adjustment of 0.1 MRAD at 200 m corresponds to 2.0 cm.

Why IFiber red dot?

There's nothing complex with DDoptics. The simplest solution is also always the best. The red dot can be activated as simple as ever. The fibre optic red dot can be adjusted variably with a simple turn until it is at the desired brightness. That's all! Your new smart IFiber does the rest.

No cumbersome pressing UP and DOWN where you haven't even reached the desired brightness after a minute. The red dot lights up once it detects your movement and you're in a natural shooting position (+/- 45 degrees). If you're outside the 45 degree shooting angle up or down, the red dot checks if you're shooting uphill or downhill. If you do not return to the normal firing range after a few minutes, the red dot enters standby and transport mode.

How does the DDoptics IFiber work?

The new red dot control features state-of-the-art microtechnology. A cutting-edge position and motion sensor detects any movement and the position of the optics. A controller interprets this data so the red dot is where it's needed. Saving the maximum amount of power.

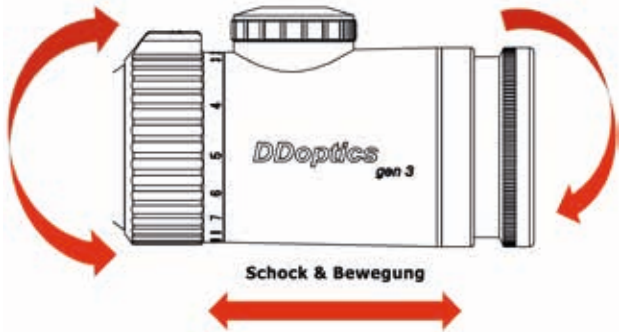
Those who use IFiber love it!

And not least because it has an auto shut-off and wakes up again with every little movement. It automatically detects when it's needed and when not. Because it knows when it's on its side or slung over your shoulder. And it also detects when you're shooting uphill or downhill. And not lastly because the new IFiber can be adjusted down to night vision device range with a simple turn.

What can the DDoptics IFiber technology, Made in Germany, do?

1. Variable dimming
2. Night vision device mode below level 4
3. Motion activated red dot
4. Uphill and downhill function
5. Transport mode
6. Protects the battery life

IFiber is also optionally available for all DDoptics scopes (Generation 2 and 3). The IFiber red dot is currently available in red and orange.



Why a IPoint red dot!

There's nothing complex with DDoptics. The simplest solution is also always the best. The red dot can be activated as simple as ever. A simple turn adjusts it variably to the desired brightness. That's all! Your new smart IPoint does the rest.

No cumbersome pressing UP and DOWN where you haven't even reached the desired brightness after a minute. The red dot lights up once it detects your movement and you're in a natural shooting position (+/- 45 degrees). If you're outside the 45 degree shooting angle up or down, the red dot checks if you're shooting uphill or downhill. If you do not return to the normal firing range after a few minutes, the red dot enters standby and transport mode.

Zero Stop

You can easily return to the basic setting at the ZERO point by setting the Zero Stop. Marking further shooting distances only really makes sense with Zero Stop.



Pinpoint, internal Zero Stop on DDMP Scopes

After removing the turret caps on the reticle adjustment and loosening 3 setscrews you can remove the turret upwards. Below is the Zero Stop in form of a round, black disc. The Zero Stop is adjusted after sighting in by loosening the (also) 3 setscrews on the Zero Stop disc. Once loose, the disc can be turned until it stops without having any effect, and then secured again with the setscrews. You can see the stop in the image, between the disc and optical sight. Then reattach the turret in zero position and fix with the 3 setscrews. The Zero Stop will now stop the precisely at the sighted in distance.

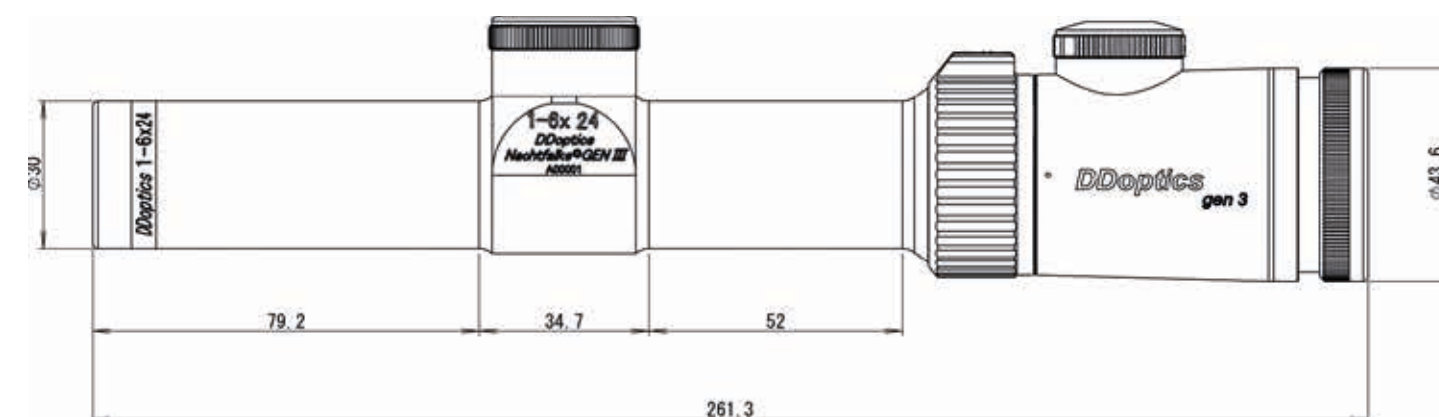


Technical Drawings

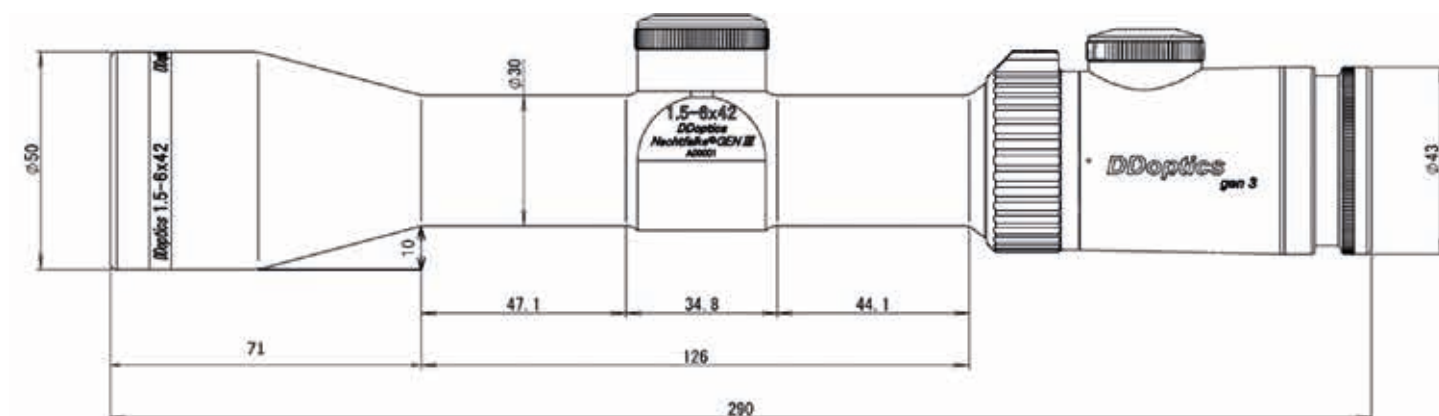
All dimensions at a glance

Generation 3

1-6x24 Gen3

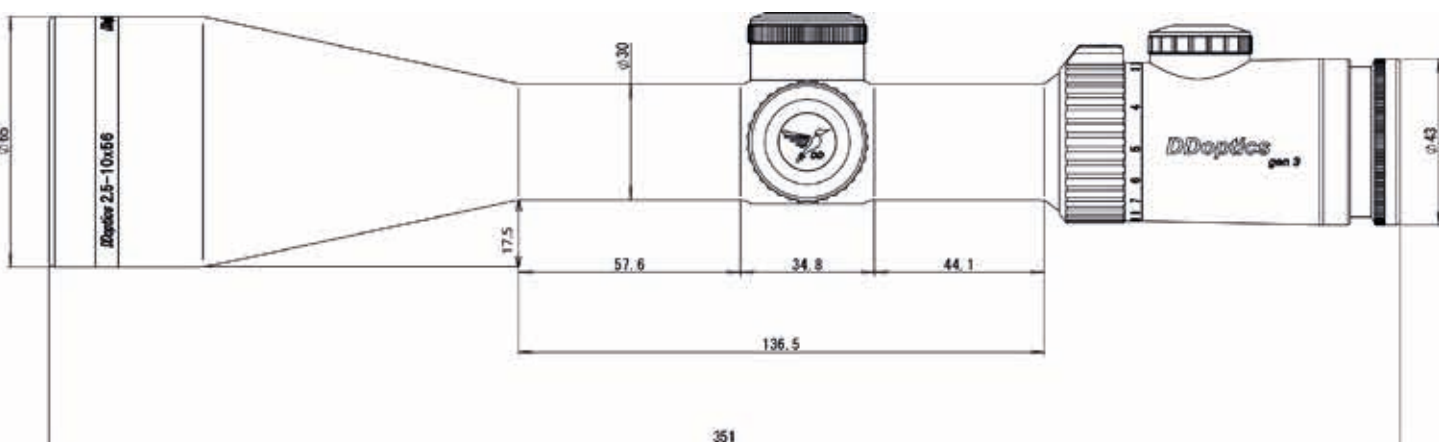


1,5-6x42 Gen3



Generation 2

2,5-10x56 Gen2



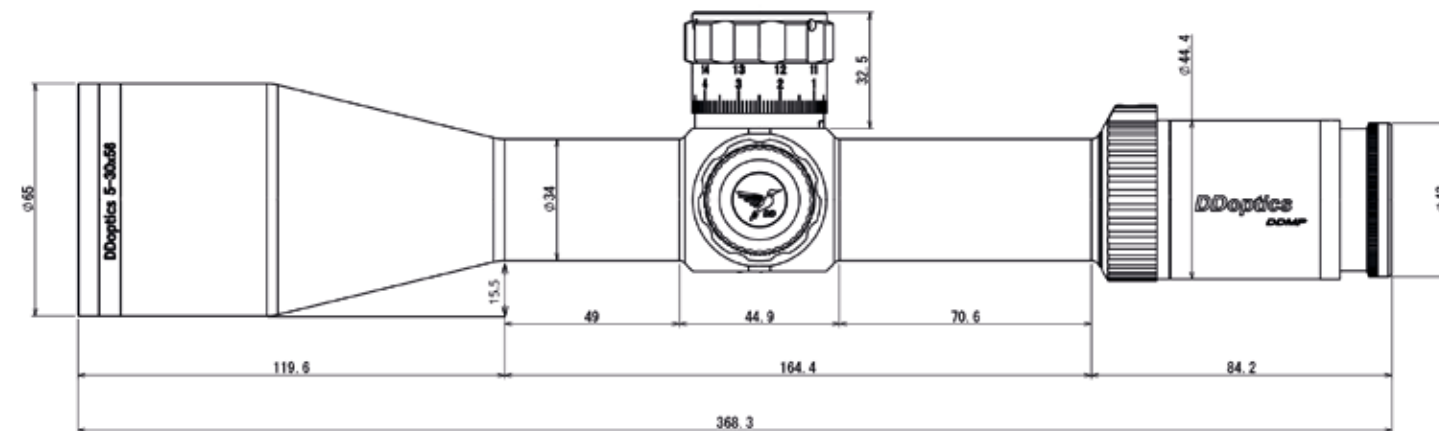
sturdy metal turrets
1/4 hard click with Zero Stop double turn



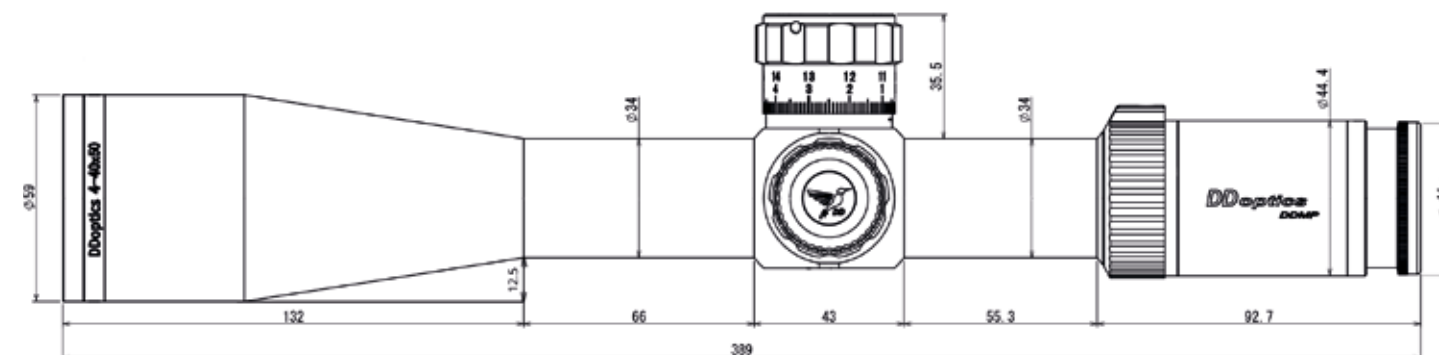
Effective immediately, hunting
scopes by DDOptics are also available
with 0.1 MRAD adjustment!

Long Range

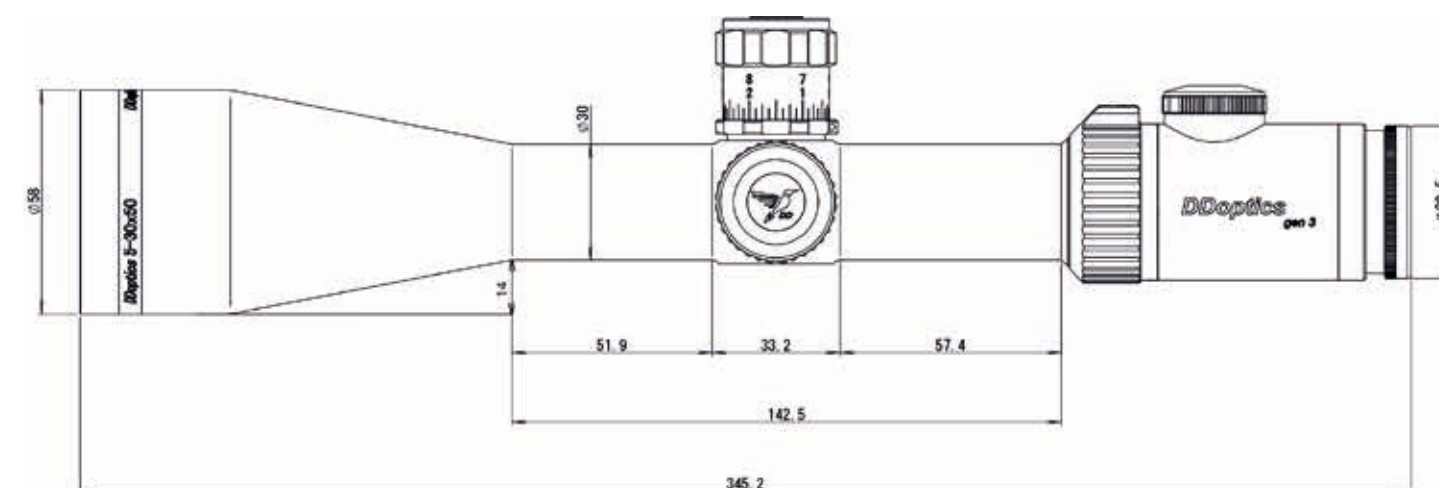
5-30x56 DDMP



4-40x50 DDMP

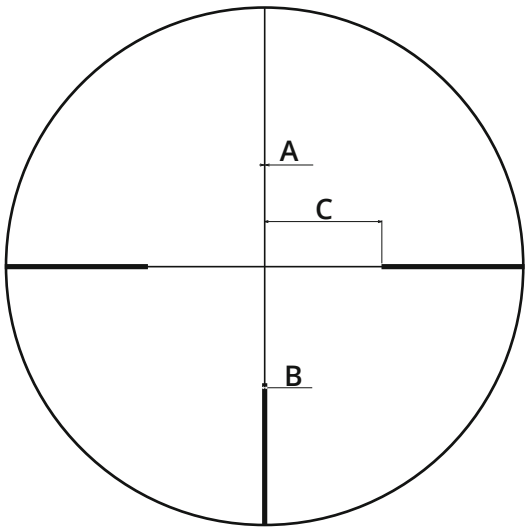


5-30x50 Tactical



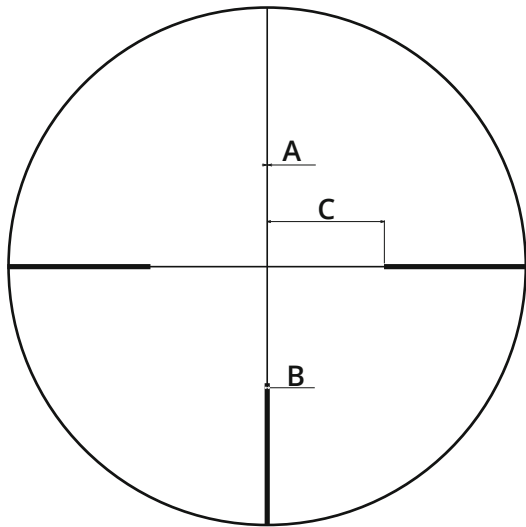
A4N reticle
2.5-15x50 NFX

	mm*	2.5x	15x
		1 MOA = 0.0354682mm	1 MOA = 0.2031862mm
A	0.05	1.4 MOA	0.2 MOA
B	0.17	4.8 MOA	0.8 MOA
C	2,836	80.0 MOA	14.0 MOA



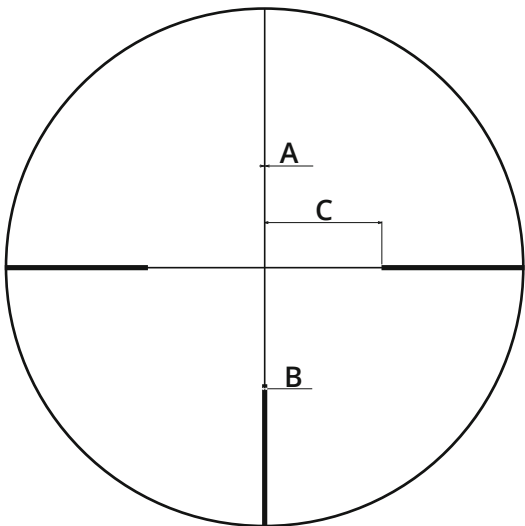
A4N reticle
2,5-16x42 Gen3

	mm*	2.5x	16x
		1 MOA = 0.0326562mm	1 MOA = 0.2061823mm
A	0.05	1.5 MOA	0.2 MOA
B	0,113	4.1 MOA	0.6 MOA
C	2.66	81.5 MOA	12.9 MOA



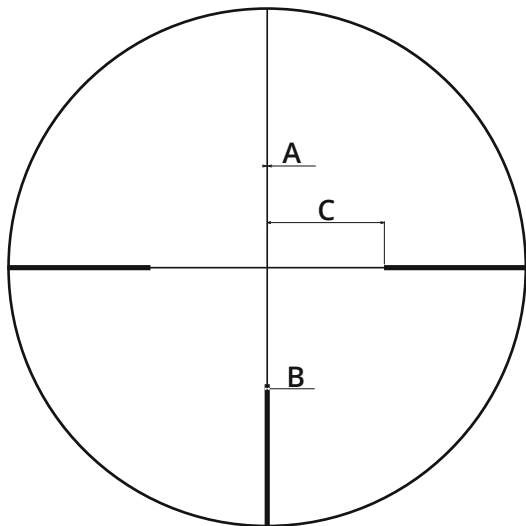
A4N reticle
2.5-10x56 NFX

	mm*	2.5x	15x
		1 MOA = 0.0354682mm	1 MOA = 0.1374738mm
A	0.05	1.4 MOA	0.4 MOA
B	0.17	4.8 MOA	1.2 MOA
C	2,836	80.0 MOA	20.6 MOA



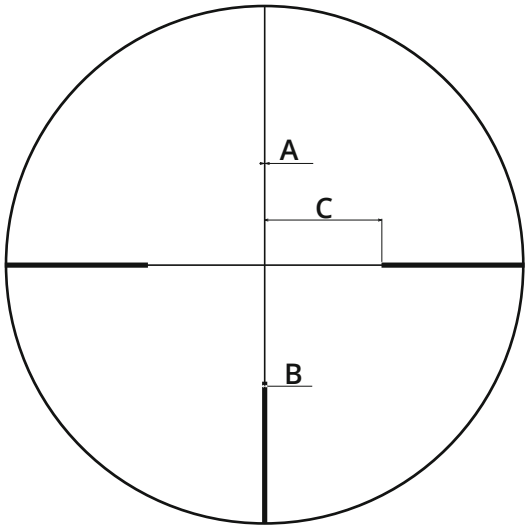
A4N reticle
2,5-15x50 Gen3

	mm*	2.5x	15x
		1 MOA = 0.0324639mm	1 MOA = 0.1922605mm
A	0.05	1.5 MOA	0.3 MOA
B	0,133	4.1 MOA	0.7 MOA
C	2.66	81.9 MOA	13.8 MOA



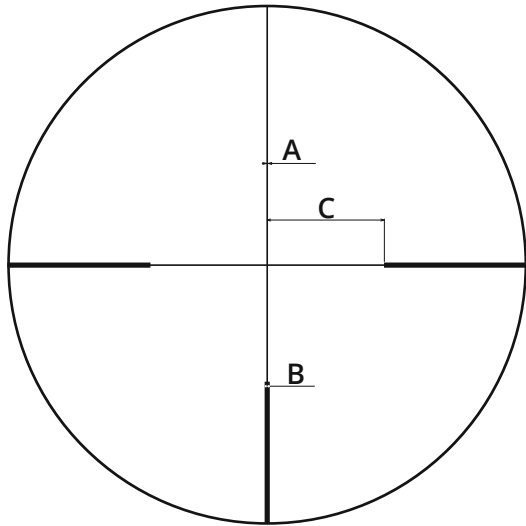
A4N reticle
2.5-15x56 NFX

	mm*	2.5x	15x
		1 MOA = 0.0354682mm	1 MOA = 0.2049734mm
A	0.05	1.4 MOA	0.2 MOA
B	0.17	4.8 MOA	0.8 MOA
C	2,836	80.0 MOA	13.8 MOA



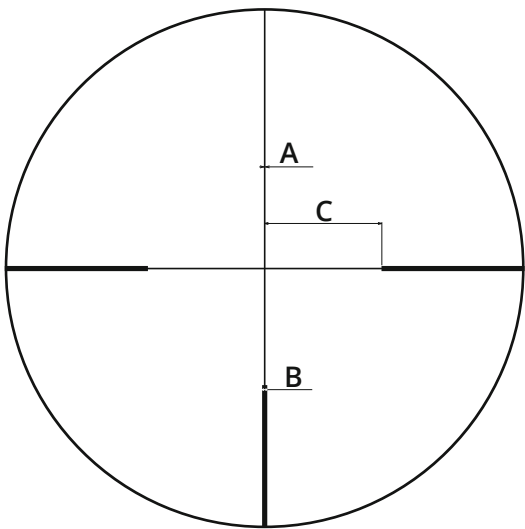
A4N reticle
2,5-10x56 Gen3

	mm*	2.5x	10x
		1 MOA = 0.0362672mm	1 MOA = 0.1368390mm
A	0.05	1.4 MOA	0.4 MOA
B	0,133	3.7 MOA	1.0 MOA
C	2.66	73.3 MOA	19.4 MOA



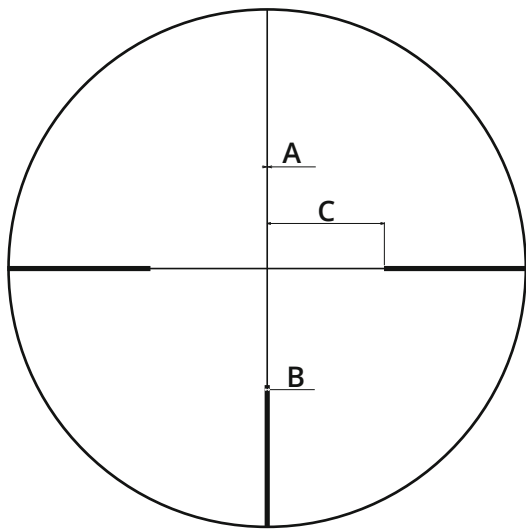
A4N reticle
5-30x50 Gen3
(hunting)

	mm*	5x	30x
		1 MOA = 0.0640310mm	1 MOA = 0.3726607mm
A	0.05	0.8 MOA	0.1 MOA
B	0,133	2.1 MOA	0.4 MOA
C	2.66	41.5 MOA	7.1 MOA



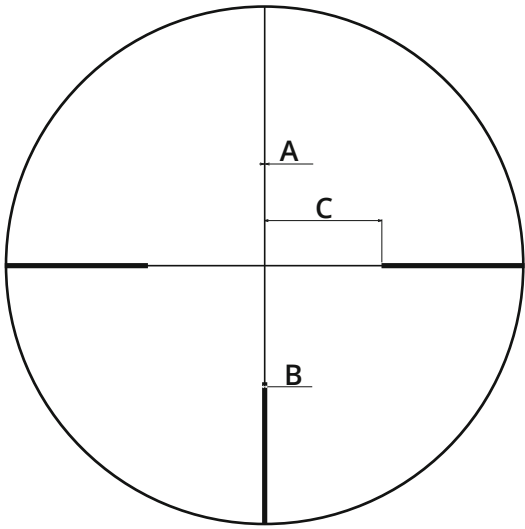
A4N reticle
1,5-6x42 Gen3

	mm*	1.5x	6x
		1 MOA = 0.0215511	1 MOA = 0.0811828
A	0.05	2.3 MOA	0.6 MOA
B	0,133	6.2 MOA	1.6 MOA
C	2.66	123.4 MOA	32.8 MOA



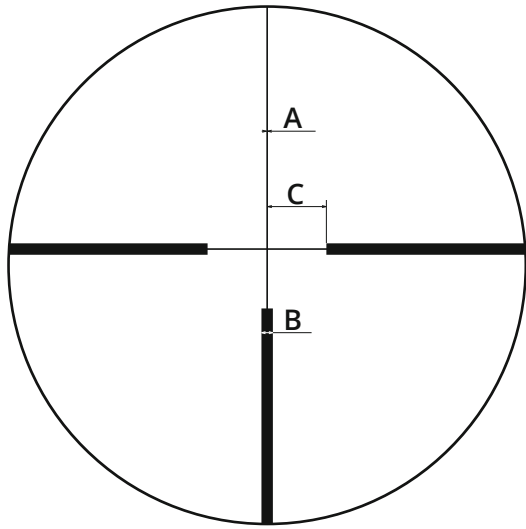
A4N reticle
1-6x24 Gen3

	mm*	1x	6x
		1 MOA = 0.0136099	1 MOA = 0.0824843
A	0.05	3.7 MOA	0.6 MOA
B	0.17	12.5 MOA	2.1 MOA
C	2,836	208.4 MOA	34.4 MOA



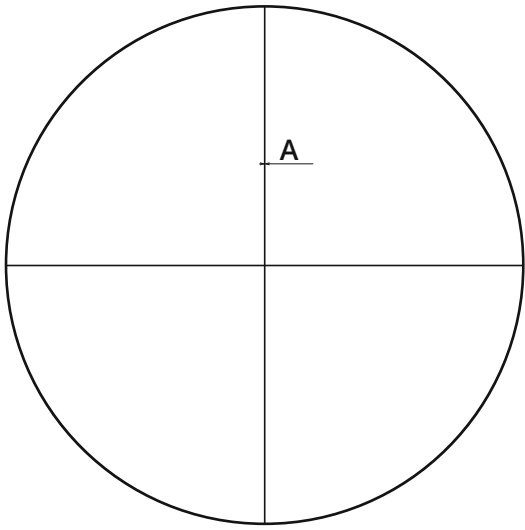
A4 reticle
2,5-10x56 Gen2

	mm*	2.5x	10x
		1 MOA = 0.0362672	1 MOA = 0.1368390
A	0,053	1.5 MOA	0.4 MOA
B	0,265	7.3 MOA	1.9 MOA
C	1.33	36.7 MOA	9.7 MOA



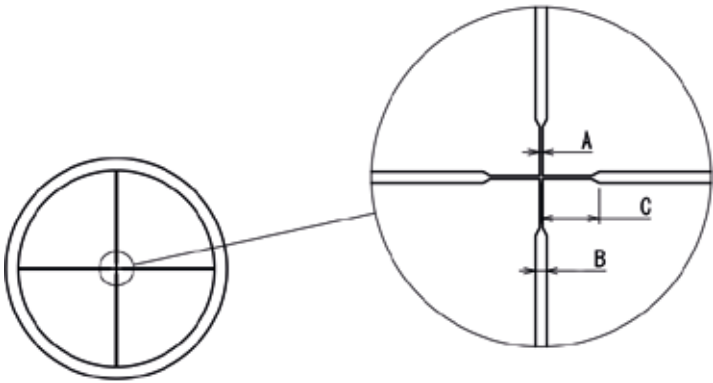
Drive hunt reticle
1-6x24 Gen3

	mm*	1x	6x
		1 MOA = 0.0136099	1 MOA = 0.0824843
A	0.05	3.7 MOA	0.6 MOA



Duplex reticle
5-30x50 Gen3

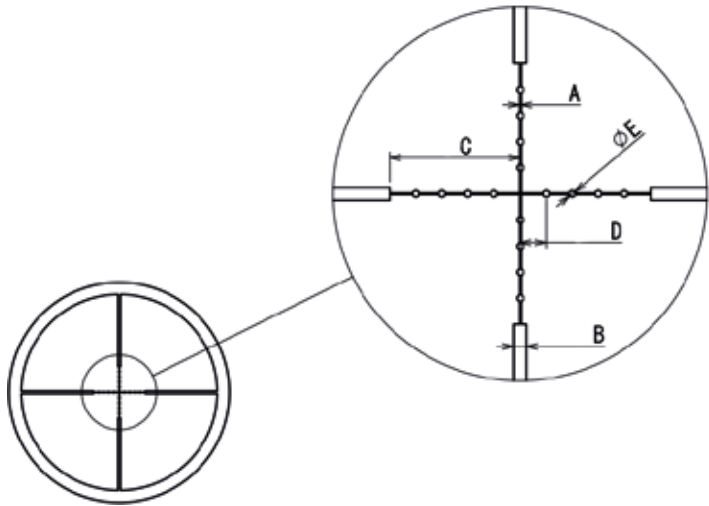
	mm*	5x	30x
		1 MOA = 0.0640310	1 MOA = 0.3726607
A	0,026	0.4 MOA	0.1 MOA
B	0.10	1.6 MOA	0.3 MOA
C	0.53	8.3 MOA	1.4 MOA



MIL-Dot reticle

5-30x50 Gen3

	mm*	5x	30x
		1 MOA = 0.0640310mm	1 MOA = 0.3726607mm
A	0,026	0.4 MOA	0.1 MOA
B	0,237	3.7 MOA	0.6 MOA
C	2.37	37.0 MOA	6.4 MOA
D	0,474	7.4 MOA	1.3 MOA
E	0,119	1.9 MOA	0.3 MOA

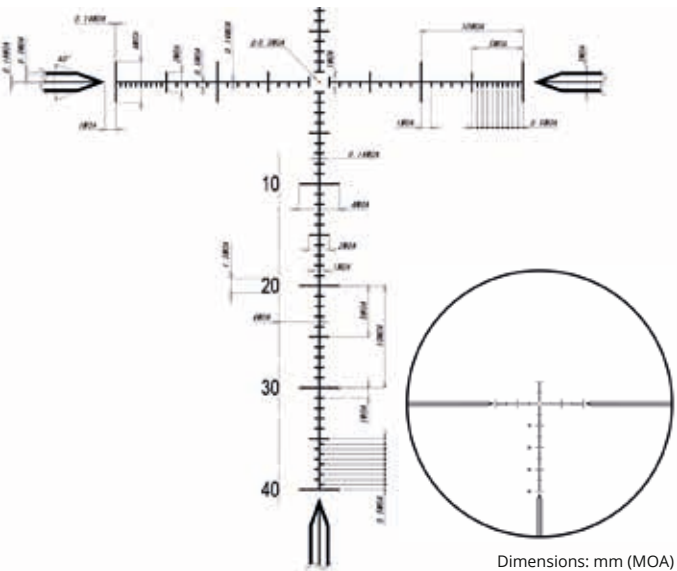


* These dimensions are the actual size

Tac-A reticle

4-40x50 MRAD

1 MOA = 0, 0.1281217mm

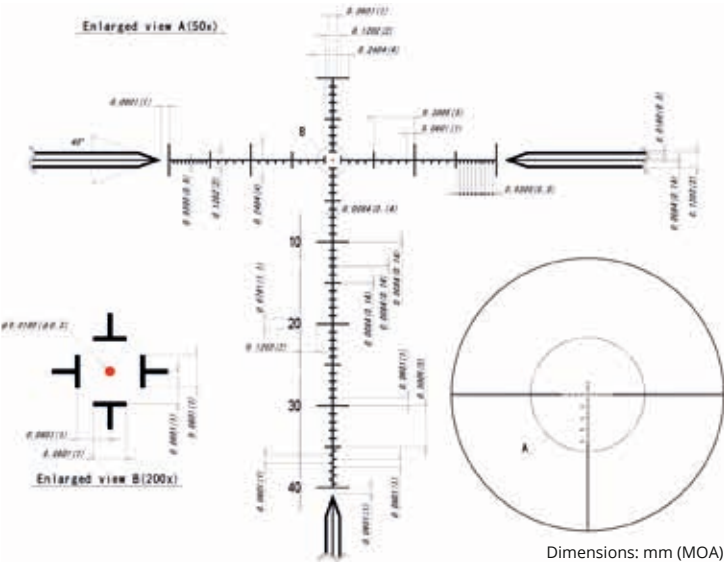


Dimensions: mm (MOA)

Tac-A reticle

5-30x56 MOA

1 MOA = 0.0600905mm

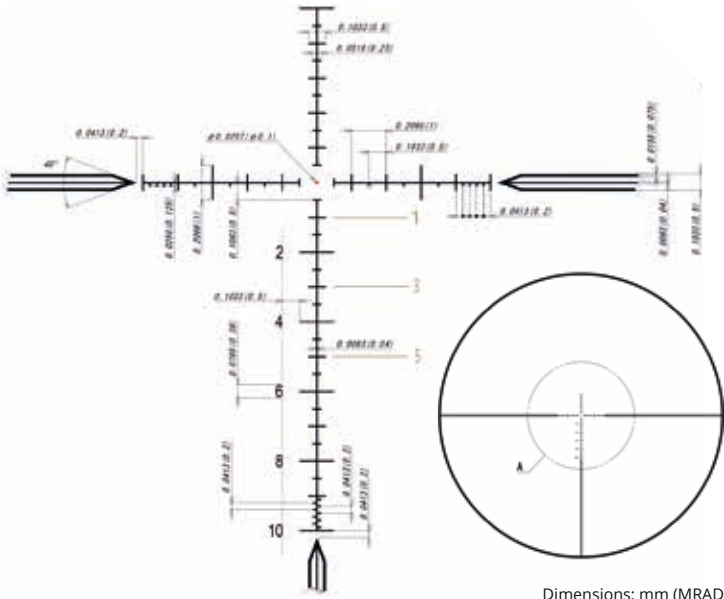


Dimensions: mm (MOA)

Tac-A reticle

5-30x56 MRAD

1 MOA = 0.2065760mm



Dimensions: mm (MRAD)





Bunsi Jagdoase at Waterberg in Namibia

North of the Waterberg in Namibia, in the middle of Namibia's beautiful nature, you will find one of Namibia's most beautiful hunting farms. Owner and operator Hans Werner Erpf (Bunsi) not only welcomes hunting and safari guests, but also sporting marksmen. www.jagdoase.de

Take the plan to the front door

The journey there alone is a little adventure. On request, tourists are picked up by his plane and land on the facility's bush landing strip.

Hunting Africa

You start early in the morning, taking the pick-up truck a few kilometres toward the Klein-Waterberg. Some oryx and kudu scatter right and left into the dense acacia shrubs. In a spacious valley there are small and large warthog sounders. On a giant plain covered in tall grass we see a herd of about forty zebras including foals. By the time you arrive at Waterberg it's red rock, you realize where you actually are. In Africa! Nothing but nature and incredible wildlife stock as far as the eye can see.

Long Range unlimited

DDoptics tests the accurate and resilience of our scopes in multiple firing areas. Level firing ranges and a shooting area between mountains are provided to provide the perfect opportunity to keep raising what you expect of yourself and the optics.

Axel Drescher

"You will never be able to leave Africa",

Africa said



Technical data

Precision starting with the draft

NFX



Properties	2.5-15x50 V6 NFX	2.5-10x56 V4 NFX	2.5-15x56 V6 NFX
Type of glass / lenses	CT glass, FMLC	CT glass, FMLC	CT glass
Coating	DDLucid	DDLucid	DDLucid
Magnification	2.5 - 15x	2.5 - 10x	2.5 - 15x
Lens diameter (lens)	50 mm	56 mm	56 mm
Exit pupil	12 - 3.4 mm	12 - 5.6 mm	12 - 3.7 mm
Twilight factor	11.2 - 27.4	11.8 - 23.7	7.1 - 29.0
Field of view at 100 m	15 - 2.5 m	15 - 3.7 m	15 - 2.5 m
Pupillary distance	90 - 99 mm	90 - 99 mm	90 - 99 mm
Diopter compensation	+/- 3	+/- 3	+/- 3
Reticle	A4N	A4N	A4N
ASV Zero Stop	yes	yes	yes
Reticle focal plane	2. focal plane	2. focal plane	2. focal plane
Reticle adjustment / click	0.1 MRAD	0.1 MRAD	0.1 MRAD
Reticle adjustment (scale)	duplex	duplex	duplex
max. adjustment	18.4 MRAD	18.4 MRAD	18.4 MRAD
Parallax compensation	20 - 500 - ∞ m	20 - 500 - ∞ m	20 - 500 - ∞ m
Finish	fine black	fine black	fine black
Main body tube diameter	30 mm	30 mm	30 mm
Lens diameter (outside)	58 mm	65 mm	65 mm
Eyepiece diameter (outside)	43.6 mm	43.6 mm	43.6 mm
Total length	376.1 mm	373.1 mm	372.2 mm
Weight	714 g	752 g	756 g
Accessories / features			
Red dot	LP11	LP11	LP11
IFiber Control (optional)	160.00 €	160.00 €	160.00 €
Neoprene scope guard	optional	optional	optional
Flip caps	yes	yes	yes
Sunshade	optional	optional	optional
Spare battery compartment	no	no	no
Battery CR2032	yes	yes	yes
Article no.:	442511134	442511139	442511127
SRP in EUR	1,245.00 €	1,145 €	1,298.00 €

Generation 3



Properties	2,5-16x42 V6 Gen3	2,5-15x50 V6 Gen3	2,5-10x56 V4 Gen3
Type of glass / lenses	CT glass	CT glass	CT glass
Coating	HDX III	HDX III	HDX III
Magnification	2.5 - 16x	2.5 - 15x	2.5 - 10x
Lens diameter (lens)	42 mm	50 mm	56 mm
Exit pupil	11 - 2.6 mm	11 - 3.3 mm	12 - 5.6 mm
Twilight factor	9.17 - 25.92	11.2 - 28.3	11.8 - 23.7
Field of view at 100 m	14 - 25 m	13.5 - 2.3 m	12.8 - 3.4 m
Pupillary distance	86 - 100 mm	81 - 95 mm	86 - 103 mm
Diopter compensation	+/- 3	+/- 3	+/- 3
Reticle	A4N	A4N	A4N
ASV Zero Stop	yes	yes	yes
Reticle focal plane	2. focal plane	2. focal plane	2. focal plane
Reticle adjustment / click	0.1 MRAD	0.1 MRAD	0.1 MRAD
Reticle adjustment (scale)	duplex	duplex	duplex
max. adjustment	26 MRAD	27 MRAD	23.5 MRAD
Parallax compensation	25 - 500 - ∞ m	20 - 500 - ∞ m	20 - 500 - ∞ m
Finish	fine black	fine black	fine black
Main body tube diameter	30 mm	30 mm	30 mm
Lens diameter (outside)	50 mm	58 mm	65 mm
Eyepiece diameter (outside)	39.5 mm	39.5 mm	43 mm
Total length	356.9 mm	357.2 mm	351 mm
Weight	601 g	643 g	712 g
Accessories / features			
Red dot	LP11	LP11	LP11
IFiber Control (optional)	160.00 €	160.00 €	160.00 €
Neoprene scope guard	optional	optional	optional
Flip caps	yes	yes	yes
Sunshade	optional	optional	optional
Spare battery compartment	no	no	no
Battery CR2032	yes	yes	yes
Article no.:	442511133	442511129	442511128
SRP in EUR	997.00 €	995.00 €	944.00 €

Technical data

Precision starting with the draft

Generation 3



Properties	5-30x50 V6 Gen3 (hunting)	1-6x24 V6 Gen3	1,5-6x42 V4 Gen3
Type of glass / lenses	CT glass	CT glass	CT glass
Coating	HDX III	HDX III	HDX III
Magnification	5 - 30x	1 - 6x	1.5 - 6x
Lens diameter (lens)	50 mm	24 mm	42 mm
Exit pupil	10 - 1.62 mm	12 - 4 mm	17 - 7 mm
Twilight factor	14.1 - 38.7	4.89 - 12	7.9 - 15.9
Field of view at 100 m	6.63 - 1.13 m	35.6 - 5.9 m	21.5 - 5.7 m
Pupillary distance	81 - 96 mm	92 - 103 mm	75 - 104 mm
Diopter compensation	+/- 3	+/- 3	+/- 3
Reticle	A4N	Drive hunt / A4N	A4N
ASV Zero Stop	yes	yes	no
Reticle focal plane	2. focal plane	2. focal plane	2. focal plane
Reticle adjustment / click	0.1 MRAD	0.1 MRAD	1/4 MOA
Reticle adjustment (scale)	duplex	single	single
max. adjustment	15 MRAD	48.4 MRAD	132.5 MOA
Parallax compensation	25 - 500 - ∞ m	parallax-free (100 m)	parallax-free (100 m)
Finish	fine black	fine black	fine black
Main body tube diameter	30 mm	30 mm	30 mm
Lens diameter (outside)	58 mm	30 mm	50 mm
Eyepiece diameter (outside)	39.5 mm	43.6 mm	43 mm
Total length	345.2 mm	261.3 mm	290 mm
Weight	672 g	496 g	496 g
Accessories / features			
Red dot	LP II	LP II	LP II
IFiber Control (optional)	160.00 €	160.00 €	160.00 €
Neoprene scope guard	optional	optional	optional
Flip caps	yes	yes	yes
Sunshade	optional	no / no	no / no
Spare battery compartment	no	optional	optional
Battery CR2032	yes	yes	yes
Article no.:	442511142	442511130 Drive hunt 442511140 A4N	442511117
SRP in EUR	1,095.00 €	1,149.00 €	775.00 €

Generation 2



Properties	2,5-10x56 V4 Gen2
Type of glass / lenses	FMLC
Coating	HDX II
Magnification	2.5 - 10x
Lens diameter (lens)	56 mm
Exit pupil	17 - 5.6 mm
Twilight factor	11.8 - 23.7
Field of view at 100 m	12.8 - 3.4 m
Pupillary distance	86 - 103 mm
Diopter compensation	+/- 3
Reticle	Reticle 4
ASV Zero Stop	no
Reticle focal plane	2. focal plane
Reticle adjustment / click	1/4 MOA
Reticle adjustment (scale)	single
max. adjustment	88.74 MOA
Parallax compensation	20 - 500 - ∞ m
Finish	fine black
Main body tube diameter	30 mm
Lens diameter (outside)	65 mm
Eyepiece diameter (outside)	43 mm
Total length	351 mm
Weight	706 g
Accessories / features	
Red dot	LP II
IFiber Control (optional)	160.00 €
Neoprene scope guard	optional
Flip caps	yes
Sunshade	no
Spare battery compartment	optional
Battery CR2032	yes
Article no.:	442511111
SRP in EUR	734.00 €



Technical data

Precision starting with the draft

Long Range



Properties	5-30x50 V6 Tactical	5-30x56 V6 DDMP	4-40x50 V10 DDMP
Type of glass / lenses	CT glass	CT glass	CT glass, FMLC
Coating	HDX III	DDLucid	DDLucid
Magnification	5 - 30x	5 - 30x	4 - 40x
Lens diameter (lens)	50 mm	56 mm	50 mm
Exit pupil	10 - 1.62 mm	9 - 2 mm	8 - 1.3 mm
Twilight factor	14.1 - 38.7	16.7 - 40.9	14.1 - 44.7
Field of view at 100 m	6.63 - 1.13 m	6.7 - 1.1 m	8.8 - 0.9 m
Pupillary distance	81 - 96 mm	86 - 97 mm	87 - 101 mm
Diopter compensation	+/- 3	+/- 3	+/- 3
Reticle	MIL-Dot / Duplex	TacA	TacA
ASV Zero Stop	yes	yes	yes
Reticle focal plane	2. focal plane	1. focal plane	2. focal plane
Reticle adjustment / click	0.1 MRAD 1/8 MOA	0.1 MRAD 1/8 MOA	0.1 MRAD 1/8 MOA
Reticle adjustment (scale)	duplex	duplex	duplex
max. adjustment	16.6 MRAD MIL-Dot 58 MOA MIL-Dot 53 MOA Duplex	30 MRAD 88 MOA	33.2 MRAD 329 MOA
Parallax compensation	25 - 500 - ∞ m	25 - 1000 - ∞ m	25 - 500 - ∞ m
Finish	fine black	fine black	fine black
Main body tube diameter	30 mm	34 mm	34 mm
Lens diameter (outside)	58 mm	65 mm	59 mm
Eyepiece diameter (outside)	39.5 mm	44 mm	44 mm
Total length	345.2 mm	368.3 mm	389 mm
Weight	745 g	1065 g	1072 g
Accessories / features			
Red dot	LP11	LP11	LP11
IFiber Control (optional)	160.00 €	IPoint 160.00 €	IPoint 160.00 €
Neoprene scope guard	optional	optional	optional
Flip caps	yes	yes	yes
Sunshade	optional	optional	optional
Spare battery compartment	no	no	no
Battery CR2032	yes	yes	yes
Article no.:	442511113 MIL-Dot MOA 442511138 MIL-Dot MRAD 442511110 Duplex MOA	442511131 MRAD 442511132 MOA (as of June 2021)	442511137 MRAD 442511141 MOA
SRP in EUR	1,158.00 €	1,899.00 €	1,799.00 €

Red dot sights

	DDsight Gen3
Magnification	1x
Window	22 x 33 mm
Exit pupil	22 - 23 mm
Field of view at 1000 m	42.06 m
Pupillary distance	none / free
Diopter compensation	no / no
Red dot /size	Laser dot / 3 MOA
Brightness settings	6 (incl. night vision)
Reticle adjustment / click	1 MOA
Elevation and windage adjustment	+/-20 MOA
Parallax compensation	parallax-free up to 46 m
Water resistance	IP44
Assembly	21mm Weaver
Dimensions (L x W x H)	66 x 40 x 42 mm
Weight	135 g
Article No.: 442000012	SRP in EUR 229.00 €



	DDsight Pro
Magnification	1x
Window	39 27 mm
Field of view at 1000 m	41.73 mm
Pupillary distance	none / free
Diopter compensation	no / no
Red dot /size	8 reticle / from 2 MOA
Brightness settings	5 per (red and green)
Suitable for night vision devices	yes / yes
Reticle adjustment / click	1 MOA
Elevation and windage adjustment	+/-30 MOA
Parallax compensation	parallax-free
Water resistance	IP54
Assembly	21mm Weaver
Dimensions (L x W x H)	110 x 53 x 62 mm
Weight	260 g
Article No.: 442000014	SRP in EUR 289.00



Technical data

Precision starting with the draft

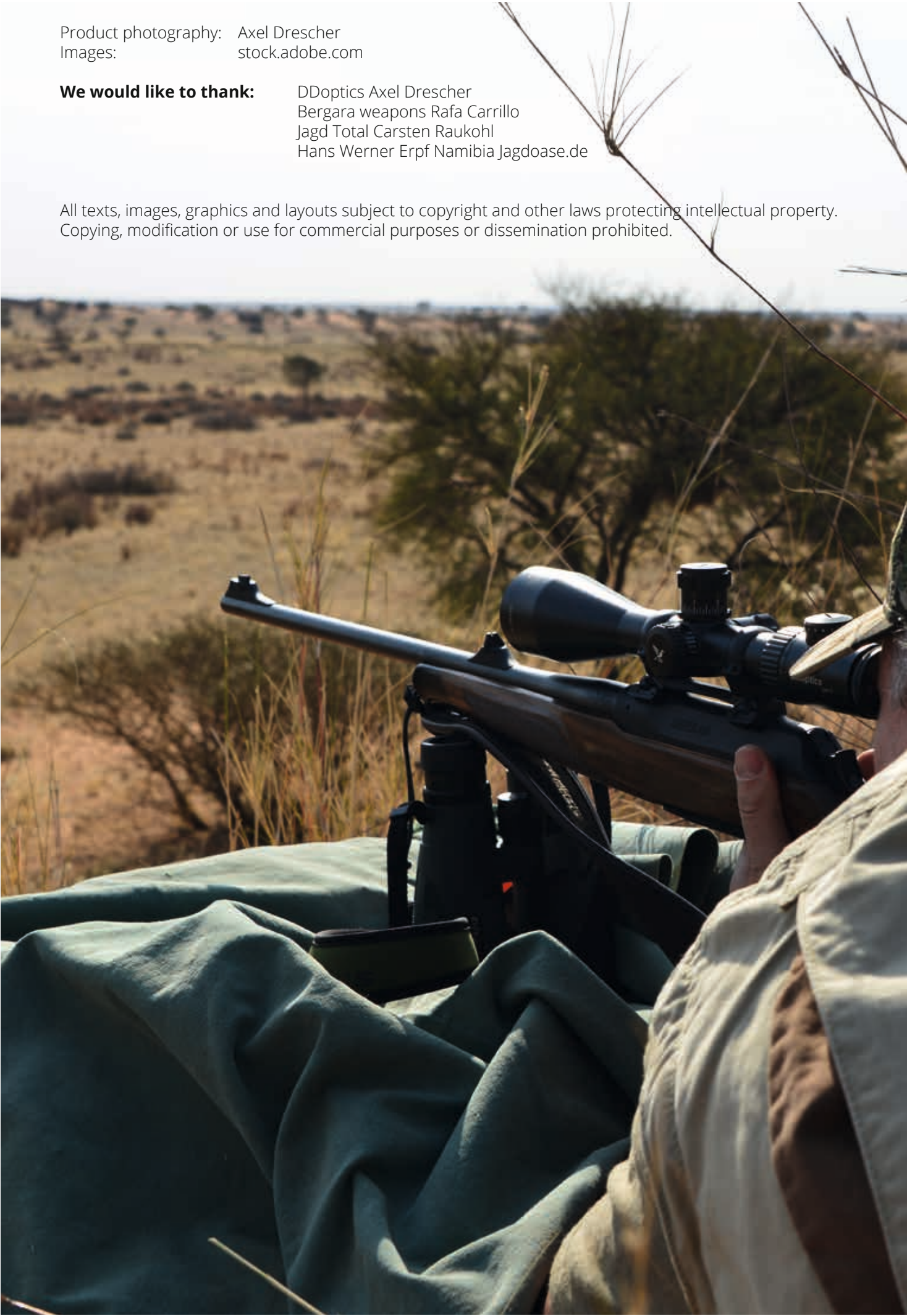
Price list - scope accessories

Designation	Article number	SRP in EUR
Sunshade 2.5-45x50 NFX, 2.5-15x50 Gen3, 5-30x50 Gen3	442511112	33.00 €
Sunshade 2.5-10x56 NFX, 2.5-15x56 NFX, 5-30x56 DDMP	442511135	37.00 €
Sunshade 4-40x50 DDMP	442511136	37.00 €
Neoprene scope guard, small	449000021	15.90 €
Neoprene scope guard, large	449000020	17.90 €
Turret cap	449000064	22.00 €
Turret cap with spare battery	449000065	28.00 €
Flip cap, black, 40mm for eyepiece 2,5-15x50, 5-30x50	449000319	9.98 €
Flip cap, black, 43mm for eyepiece 2,5-10x56, 1,5-6x42	449000320	9.98 €
Flip cap, black, 44mm for eyepiece 2,5-15x56, 1-6x24	449000321	9.98 €
Flip cap, black, 30mm for 24	449000325	9.98 €
Flip cap, black, 50mm for 42	449000322	9.98 €
Flip cap, black, 58mm for 50	449000323	9.98 €
Flip cap, black, 65mm for 56	449000324	9.98 €
Quick-adjust lever (magnification)	449000421	19.90 €
DDoptics laser bore sight .30-06 / .270 / .25-06	449000340	54.90 €
DDoptics laser bore sight .223 / 5.56x45 NATO	449000342	54.90 €
DDoptics laser bore sight 12 ga	449000343	54.90 €
DDoptics laser bore sight 9mm Luger	449000344	54.90 €
DDoptics laser bore sight 7x64 mm	449000345	54.90 €
DDoptics laser bore sight .300	449000346	54.90 €
DDoptics laser bore sight 7.62x39	449000347	54.90 €
DDoptics laser bore sight 9.3x62	449000348	54.90 €
Marking set for scopes	449000078	1.98 €
Cleaning cloth	449000079	2.95 €
Lens cleaner, 50ml	449000093	5.95 €
Lens cleaner, 250ml	449000094	12.95 €
DDoptics mounts by DENTLER		
Mounting rail, ring with rings 30mm	449000090	265.00 €
Mounting rail, Weaver / Picatinny	449000091	265.00 €
Mounting rail BASIS - DDsight G3	449000140	265.00 €
BASIS - base rail (all models)	449000103ff	113.00 €
VARIO base rail (all models)	449000095	418.00 €

Product photography: Axel Drescher
Images: stock.adobe.com

We would like to thank: DDoptics Axel Drescher
Bergara weapons Rafa Carrillo
Jagd Total Carsten Raukohl
Hans Werner Erpf Namibia Jagdoase.de

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