

A BETTER VIEW OF THE WORLD

80
SINCE
1933



MEOPTA
Sports Optics

Meopta Product Catalogue 2013

Tradition
since
1933







A BETTER VIEW OF THE WORLD

Because you owe it to yourself to make the most out of the time you spend outdoors. Meopta has founded our entire culture on manufacturing products that aim to do just that. Meopta products are designed and built to enhance the viewing experience of avid outdoor enthusiasts. From our complete line of riflescopes, binoculars and spotting scopes, we offer premium performing sport optics for the ardent hunter. Whether driven big-game hunts, wild boars in the still of night or that once-in-a-lifetime African adventure, you will be sure to find the right optic from Meopta. Because opportunities to enjoy everything nature has to offer seem to be more and more limited, we encourage you to make Meopta part of your outdoor experience and enjoy A BETTER VIEW OF THE WORLD.



MEOPTA Sports Optics

Meopta Product Catalogue 2013



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A BETTER VIEW OF THE WORLD



RIFLESCOPES

Make your next hunt a successful one

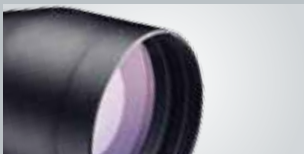




MeoStar R1

MEOBRIGHT 5501

Developed and engineered using state-of-the-art technologies at Meopta, our MeoBright 5501 ion assisted lens multi-coating is applied to all air-to-glass optical surfaces. Eliminating glare and reflections, MeoBright 5501 provides industry leading 99.8% light transmission per lens surface (92-95% complete transmission thru the entire optical system depending on model).



QUADRATIC COURSE OF RECTIFICATION

Quadratic rectification (adjustment) means that the windage (horizontal) and elevation (vertical) adjustments are mutually independent, guaranteeing a full range of adjustment in any direction. Some lesser quality adjustment systems have irregular patterns of adjustment and this is caused when the windage and elevation adjustments are not independent.



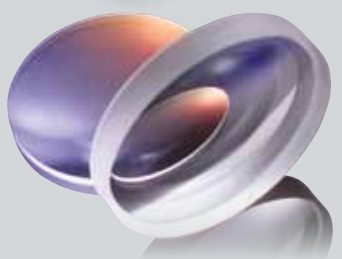
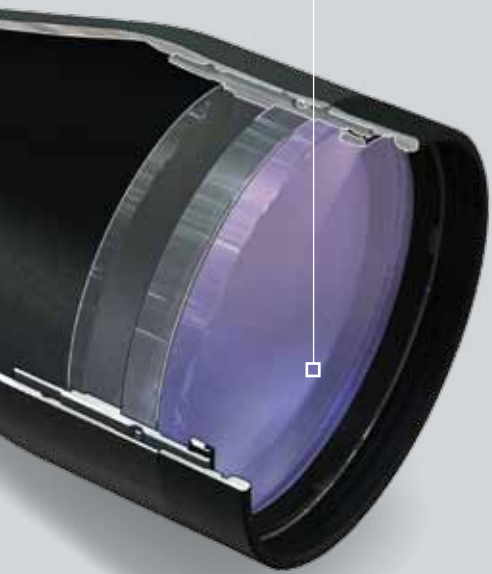
7 ILLUMINATION LEVELS

Select Meopta riflescopes feature third turret illumination adjustment. Seven levels of illumination for both extremely low-light as well as bright daylight conditions with convenient half-click on/off positions allow the user to easily switch back to their preferred illumination setting without having to completely rotate the dial to find the right intensity.



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MeoBright multicoated objective lens



MEOBRIGHT5501
ION ASSISTED LENS COATINGS



MEOBRIGHT 5501

Anti-reflective multi-coating MeoBright 5501 ensures **extraordinary light transmission**.



WATERPROOF

The riflescopes are **completely waterproof even when fully submerged in water** and they are fully protected against humidity, rain and snow.



NITROGEN PURGED AND SEALED

Riflescopes are sealed with inert Nitrogen gas to provide reliable **fogproof performance**.



7 ILLUMINATION LEVELS

Seven levels of illumination intensity with **half-click on/off positions**.



ALUMINUM CONSTRUCTION

Single piece, **aircraft grade aluminium alloy** main tube is CNC machined for rugged, long-lasting durability



ANODIZED SURFACE

"ELOX" **anodized** for an incredibly durable, scratch resistant, non-reflective matte black finish.



QUADRATIC COURSE OF RECTIFICATION

Both horizontal and vertical movements of the reticle during adjustment are **mutually independent**.



BRILLIANT IMAGE

Maximum **resolution and contrast** with precise colour representation throughout the entire field of view.



VARIOUS ETCHED GLASS RETICLE OPTIONS

Wide range of illuminated and non-illuminated reticle choices.



FIXED/ADJUSTABLE MAGNIFICATION

This riflescope range offers models **with both fixed and adjustable magnification**.



SHOCK RESISTANT

Rugged aircraft grade aluminium alloy construction along with **durable mechanical construction ensures** that your MeoStar riflescope will stand up to the demands your shooting requires.



Exceptional light transmission of up to 95% (depending on model)



MeoStar R1

The premium series of riflescopes **MeoStar R1** meets the most demanding requirements of hunters and shooters. First class price/performance ratio is the central characteristic of all **Meopta** products.

MEOBRIGHT 5501
SHOCK RESISTANT
NITROGEN PURGED
WATERPROOF
FIXED/ADJUSTABLE MAGNIFICATION
ETCHED GLASS RETICLES
QUADRATIC COURSE OF ADJUSTMENT
7 ILLUMINATION LEVELS
ANODIZED SURFACE FINISH
BRILLIANT IMAGE
AIRCRAFT GRADE ALUMINIUM



MeoStar R1 7x56

Your companion for extreme low-light shooting; especially popular for central European wild boar.



MeoStar R1 1-4x22

Featuring true 1x magnification on the low end with a very wide field of view, the MeoStar R1 1-4x22 makes quick target acquisition a breeze and is ideally suited for driven hunts as well as close-quarter dangerous game. It offers true 1x magnification combined with a very wide field of view.

1x magnification makes aiming with both eyes open easy also for beginners, thanks to which this model is an ideal choice for driving as well as for hunting fast moving game.



MeoStar R1 3-12x56
MeoStar R1r 3-12x56

Universally appreciated for all hunting activities, even in low-light conditions.



MeoStar R1 3-10x50

Large 50mm objective lens and versatile magnification range make this scope an attractive choice for a wide variety of hunting situations.



MeoStar R1 4-12x40

A sleek and powerful choice for your lightweight stalking rifle or for times when low mounting to your rifle is critical. A riflescope suitable for all types of weapons and most daytime activities.



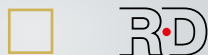
MeoStar R1 1.5-6x42 RD

Riflescope designed for hunting in the daytime as well as extremely low light conditions. The traditional magnification span is appropriate for driven hunts, stalking as well as long distance shots.



Illumination Adjustment

Seven illumination levels for low-light shooting situations. MeoStar R1 1.5-6x42 RD offers a new level of versatility in the MeoStar R1 range, with its intensity levels 1-3 suitable for shooting in dusk or extremely low-light conditions. During daytime, the intensity levels 5-7 are ideal for hunting in bright, daytime conditions, even over snow covered terrain.



MeoStar R1 RD

Wide selection of models featuring illuminated reticles.

The riflescopes feature an illuminated reticle with seven intensity levels. The advantage of the illumination system are the half-click on/off positions on the third-turret adjustment; this unique feature ensures that it takes just a single click to move back to the previously selected illumination level during focusing.



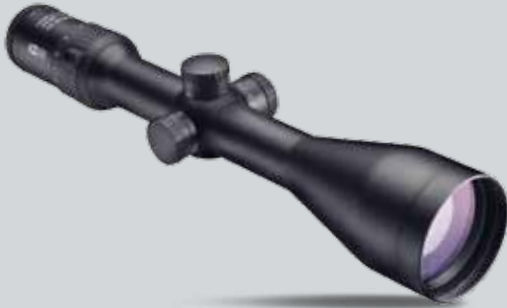
MeoStar R1 7x56 RD

For hunting in low light conditions, even at dusk.



MeoStar R1 1-4x22 RD

Excellent choice for hunting on the move.



MeoStar R1 3-12x56 RD
MeoStar R1r 3-12x56 RD

The most popular and best-selling scope from Meopta: a big game hunter's best friend.



MeoStar R1r 3-12x56 RGD

Innovative new Red / Green illumination system.

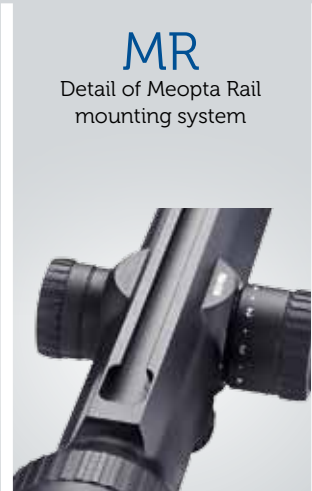


MeoStar R1r 3-12x56 RD/MR

Models with Zeiss type rails for special mounting without rings.



MeoStar R1 1-4x22 RD/MR



MR

Detail of Meopta Rail mounting system

ALUMINIUM TUBE 1" (25.4 MM)
 ANODIZED SURFACE FINISH
 MEOBRIGHT 5501
 SHOCKPROOF
 WATERPROOF
 NITROGEN PURGED
 3X VARIABLE ZOOM
 2ND FOCAL-PLANE RETICLES
 QUADRATIC COURSE OF ADJUSTMENT
 BRILLIANT IMAGE



MeoPro 6-18x50

Long range, precision shooting realized. Third turret parallax adjustment keeps the second-focal plane reticle anchored onto your intended target, ensuring repeatable, highly accurate shot placement. For long-range precision shooting. Third turret for parallax adjustment keeps the second focal plane reticle anchored to the intended target, ensuring repeatable, highly accurate results.



MeoPro

Say hello to MeoPro.

The MeoPro series of riflescopes offer the price and performance that appeal to hunters of all experience levels. Sleek, compact and priced right, MeoPro riflescopes offer maximum performance with outstanding performance. Designed and built to the demands of the North American hunter, MeoPro riflescopes have gained the stamp of approval from hunters across the globe for their uncompromising optical quality and durable construction.



Parallax and adjustment options



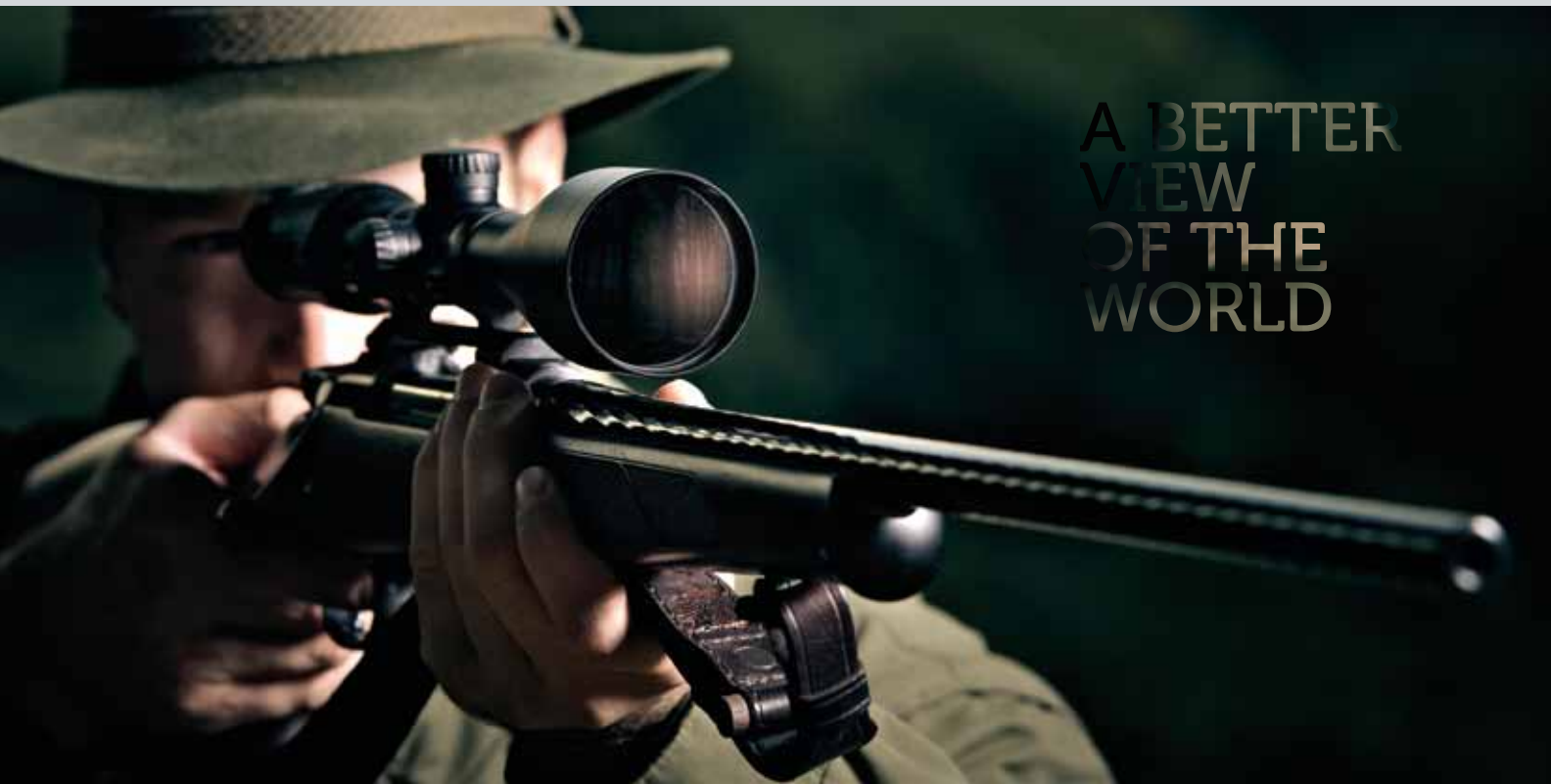
MeoPro 4-12x50

The ideal choice for hunting in wide open spaces, whether at dawn or dusk.



MeoPro 3-9x42

"Do it all" performance for virtually any hunting situation.



A BETTER VIEW OF THE WORLD



NEW

MeoPro 6x42

The most compact and lightweight riflescope in the MeoPro line, a perfect choice for lightweight rifles.



NEW

MeoPro 3-9x50

Traditional 3-9x magnification range combined with a 50mm objective offers hunters extra light gathering with a crystal clear, wide field of view. An ideal choice for most big game hunting situations.



NEW

MeoPro 3.5-10x44

When maintaining a low profile on your rifle without sacrificing power is important, this extremely versatile scope fits the bill.



NEW

MeoPro 3.5-10x44 RD

This scope offers an intriguing magnification range combined with a full sized 44mm objective and our Advanced Illumination Technology for the first 1" riflescope that can truly stand up to the 30mm "low-light gathering" competition.

80
SINCE
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Own a piece of history with our 80th Anniversary riflescope

The Meopta 80th Anniversary edition **MeoStar R1r 3-12x56 RD** riflescope is a celebration of our longstanding history of manufacturing some of the world's finest opto-mechanical instruments. A premium grade 30mm internal optics assembly is packaged into a robust aircraft grade aluminum, waterproof body to provide the performance, durability and repeatable accuracy you depend on. MeoBright ion assisted lens coatings are applied to all air-to-glass optical surfaces, resulting in an industry leading 99.8% light transmission per lens surface.

The limited edition 80th Anniversary MeoStar R1r 3-12x56 RD features a laser engraved objective ring, signature blue collar and is packaged in a luxury gift box, sure to make a lasting impression for years to come. As an added incentive each purchase of this riflescope will include our new premium optics cleaning kit included at no extra charge.



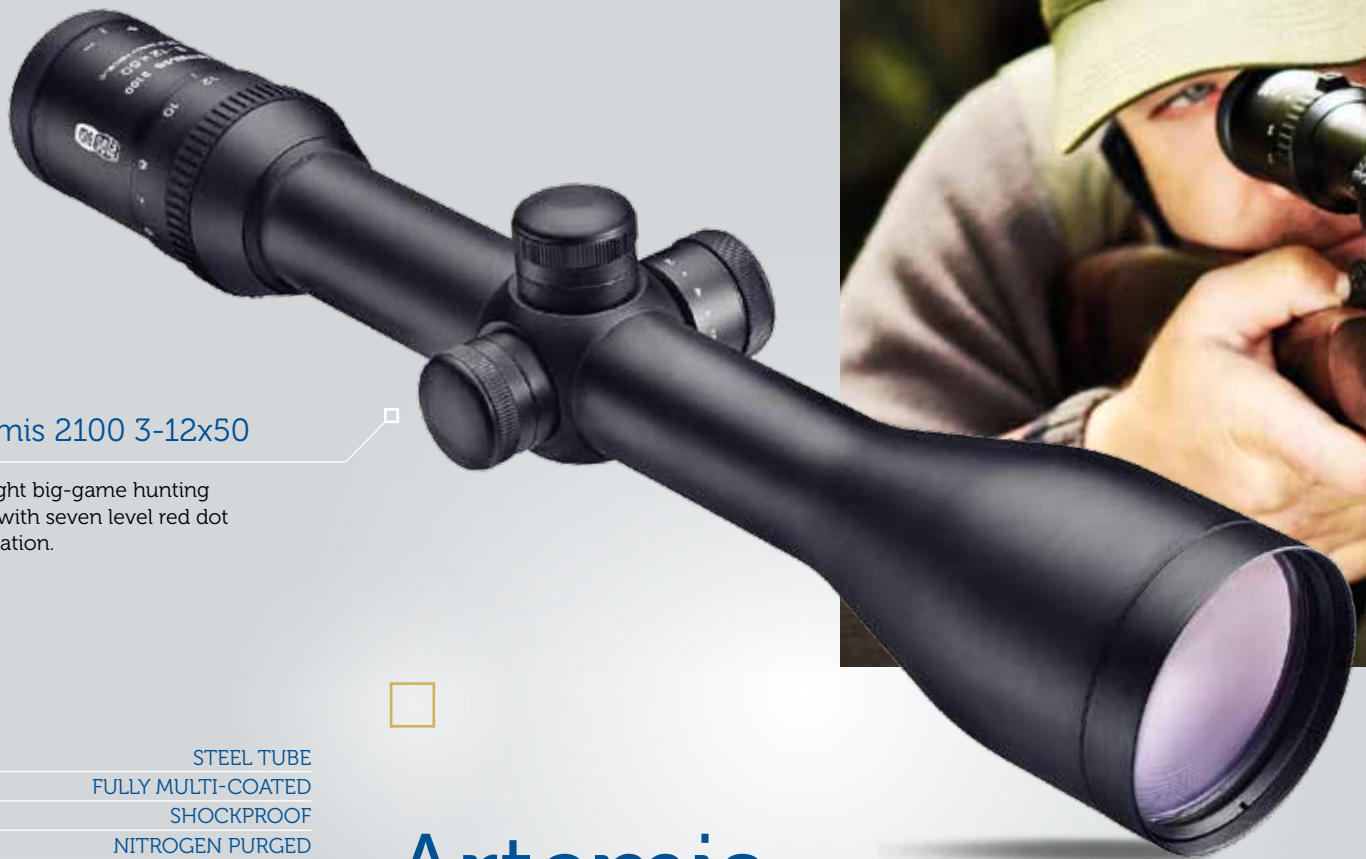
A BETTER VIEW OF THE WORLD



80th Anniversary MeoStar R1r 3-12x56 RD riflescope

- Limited Edition
- Luxury Gift Box
- New Premium Optics
Cleaning Kit included





RD

Artemis 2100 3-12x50

Low-light big-game hunting scope with seven level red dot illumination.

STEEL TUBE
 FULLY MULTI-COATED
 SHOCKPROOF
 NITROGEN PURGED
 WATERPROOF
 ADJUSTABLE/FIXED MAGNIFICATIONS
 MULTIPLE ETCHED-GLASS RETICLES
 QUADRATIC COURSE OF ADJUSTMENT
 BRILLIANT IMAGE

Artemis

Tested, trusted and proven to perform time and time again, the Artemis series of riflescopes feature robust mechanical construction enclosed in a durable steel tube. Guaranteed to provide extreme shock resistance as well as exceptional durability in extreme conditions.



Artemis 2000 6x42 Artemis 2000 7x50

Compact, and ideal for use in low light conditions or long-range shooting in combination with various types of weapons.



R·D

Artemis 2100 7x50

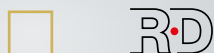
European favourite for driven wild boar hunts, featuring low-light illumination.



Artemis 2000 1,5-6x42 Artemis 2000 2-8x42 Artemis 2000 3-9x42

Effective options for most hunting needs thanks to abundant light transmission and a wide magnification range.





Tactical Riflescopes

MEOBRIGHT 5501
 SHOCKPROOF
 NITROGEN PURGED
 WATERPROOF
 VARIABLE MAGNIFICATION
 ETCHED GLASS RETICLES
 QUADRATIC COURSE OF ADJUSTMENT
 VARIOUS ILLUMINATIONS
 ANODIZED SURFACE TREATMENT
 BRILLIANT IMAGE
 AIRCRAFT GRADE ALUMINUM

Meopta ZD tactical riflescopes are designed and manufactured in order to satisfy the needs of today's advanced armed forces, professional shooters and law enforcement personnel across the globe. Tested and proven under the careful watch of military professionals in demanding situations, ZD riflescopes deliver absolute optical performance and a clear tactical advantage.



ZD 6-24x56 RD

The ZD 6-24x56 RD is a precision long range rifle scope developed for sniper rifles in order to achieve deadly-accurate shot placement at extreme distances. The new Mil Dot 2 illuminated reticle with integrated range-finding markers is calibrated for accurate target estimation in standard calibers 7.62x51 NATO, .308, 338 WLM and 12.7mm. Third turret parallax adjustment ranges from 25m to infinity, guaranteeing precision aiming at any desired range. Advanced illumination system situated on the ocular offers push-button control of the illumination with 256 settings for bright and adverse lighting conditions.



NEW



Precise fingertip adjustment dials



Illumination turret with 7 levels of intensity with intermediate off position

Target turrets feature .05 Mil Rad positive click-stop adjustment

ZD 1-4x22 RD

AR ready and able, the ZD 1-4x22 RD delivers the versatility needed for close quarters combat engagements as well as accurate target acquisition out to 500 meters. True 1x magnification allows for rapid, both eyes open, target acquisition, while the advanced illumination system offers seven levels of illumination intensity calibrated for both day and low-light situations. Equipped with the K-5,56 etched-glass, second focal plane reticle, ballistic drop compensation is simple and easy for NATO 5,56 ammunition.

ZD 4-16x44 RD

Designed for use by special forces ops, L/E snipers and world-class professional target shooters for distances up to 800 meters. Featuring an adjustable objective for setting zero parallax at distances from 10 meters to infinity, the ZD 4-16x44 RD is the definition of accuracy. ZD Tactical target turrets feature .05 Mil Rad positive click-stop adjustment for unparalleled repeatability and tracking performance. The elevation turret allows calibration of bullet drop and can be reset to zero.

MeoStar R1

	7x56		1-4x22		4-12x40		3-10x50		3-12x56	
	min	max	min	max	min	max	min	max	min	max
Magnification	7 x	1 x	4 x	4 x	12 x	3 x	10 x	3 x	12 x	
Objective Lens (mm)	56	22		40		50		56		
Exit Pupil Diameter (mm)	8,0	13,5	5,5	10,0	3,3	16,7	5,0	15,2	4,7	
Eye Relief (mm)	85	84	88	91	80	80	82	83	77	
Field of View (°)	3,33	20,35	4,95	5,80	1,93	7,60	2,31	6,30	2,00	
Field of View (m / 100 m)	5,8	35,9	8,6	10,1	3,4	13,3	4,0	11,0	3,5	
Focal Plane Position	2	2		2		2		1		
Dioptric Compensation (D)	+/- 3	+/- 3		+/- 3		+/- 3		+/- 3		
Adjustment Range (cm/100m)	116	230		145		145		116		
Impact Per Click (cm/100 m)	0,7	1,5		0,7		0,7		0,7		
Parallax Correction	no	no		no		no		no		
Weight (g)	495	480		518		450		620		
A	354	305		328		329		363		
B	136	202		157		139		151		
C	47	118		74		57		49		
D	60	55		55		55		72		
E	62	30		49,5		60,5		62		
F	42,5	41,5		41,5		41,5		42,5		
G	25,4	30		30		30		30		
H	132	-		75		93,5		117		
K	85	97		95		97		96		

MeoStar R1

	7x56 RD		1-4x22 RD		1,5-6x42 RD		3-12x56 RD	
	min	max	min	max	min	max	min	max
Magnification	7 x	1 x	4 x	1,5	6 x	3 x	12 x	
Objective Lens (mm)	56	22		42		56		
Exit Pupil Diameter (mm)	8,0	13,5	5,5	14,8	7,0	15,2	4,7	
Eye Relief (mm)	85	84	88	82	95	83	77	
Field of View (°)	3,33	20,35	4,95	12,80	3,92	6,30	2,00	
Field of View (m / 100 m)	5,8	35,9	8,6	22,4	6,8	11,0	3,5	
Focal Plane Position	2	2		2		1		
Dioptric Compensation (D)	+/- 3	+/- 3		+/- 3		+/- 3		
Adjustment Range (cm/100m)	116	230		232		116		
Impact Per Click (cm/100 m)	0,7	1,5		0,7		0,7		
Parallax Correction	no	no		no		no		
Weight (g)	524	535		584		660		
A	354	305		344		363		
B	136	202		141		151		
C	47	118		58		49		
D	60	55		53		72		
E	62	30		49,5		62		
F	42,5	41,5		41,5		42,5		
G	25,4	30		30		30		
H	132	-		99		117		
K	85	97		104		96		

Artemis 2000

	6x42		7x50		1,5-6x42		2-8x42		3-9x42		3-12x50	
			min	max	min	max	min	max	min	max	min	max
Magnification	6x	7x	1,5x	6x	2x	8x	3x	9x	3x	12x		
Objective Lens (mm)	42	50	42		42		42		50			
Exit Pupil Diameter (mm)	7,0	7,1	14,8	7,0	21,0	5,3	14,0	4,7	16,7	4,2		
Eye Relief (mm)	80	80	75	75	75	75	75	75	75	75		
Field of View (°)	4	3,25	4,00	12,00	2,90	9,40	2,60	7,50	1,90	6,30		
Field of View (m / 100 m)	7,0	5,7	7,0	21,0	5,1	16,4	4,5	13,1	3,3	11,0		
Focal Plane Position	2	2	1		1		1		1			
Dioptric Compensation (D)	+/- 3	+/- 3	+/- 3		+/- 3		+/- 3		+/- 3			
Adjustment range (cm/100m)	145	145	298		175		145		116			
Impact Per Click (cm/100m)	1,0	1,0	1,0		1,0		1,0		1,0			
Weight (g)	500	500	660		670		650		705			
A	348	353	317		335		317		357			
B	157	152	156		164		156		169			
C	67	62	53		61		53		66			
D	63	63	73		73		73		73			
E	49	57	49		49		49		57			
F	42,5	42,5	42,5		42,5		42,5		42,5			
G	25,4	25,4	30		30		30		30			
H	108	118	66		76		66		93			
K	83	83	95		95		95		95			

Artemis 2100

	7x50		3-12x50	
		min	max	
Magnification	7x	3x	12x	
Objective Lens (mm)	50	50		
Exit Pupil Diameter (mm)	7,1	16,7	4,2	
Eye Relief (mm)	80	75	75	
Field of View (°)	3,25	1,90	6,30	
Field of View (m / 100 m)	5,7	3,3	11,0	
Focal Plane Position	2	1		
Dioptric Compensation (D)	+/- 3	+/- 3		
Adjustment range (cm/100m)	131	116		
Impact Per Click (cm/100m)	1,0	1,0		
Weight (g)	620	740		
A	353	357		
B	152	169		
C	62	66		
D	63	73		
E	57	57		
F	42,5	42,5		
G	25,4	30		
H	118	93		
K	83	95		

MeoStar R1r

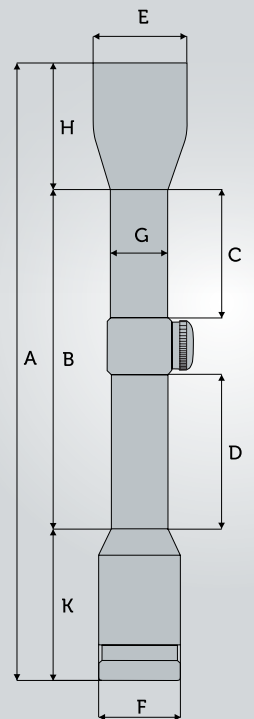
MeoStar R1 RD/MR

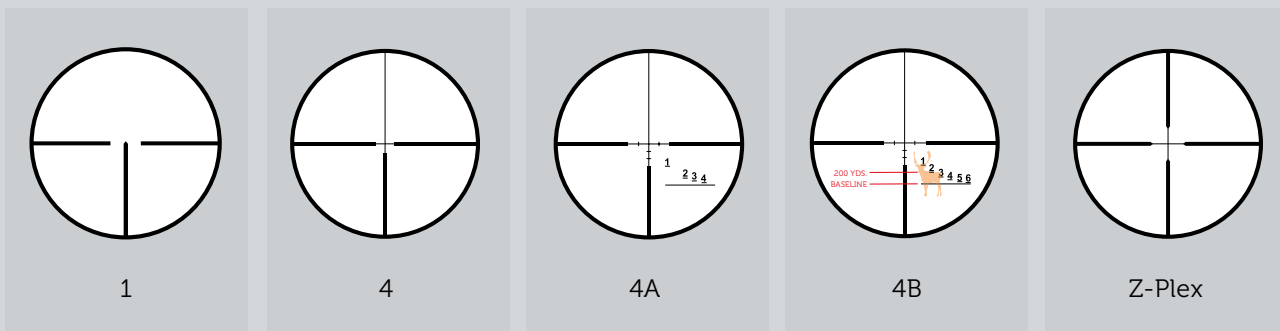
ZD

	3-12x56		3-12x56 RD/RGD		1-4x22		3-12x56		4-16x44 RD		1-4x22 RD		6-24x56 RD	
	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Magnification	3 x	12 x	3 x	12 x	1 x	4 x	3 x	12 x	4 x	16 x	1 x	4 x	6 x	24 x
Objective Lens (mm)	56		56		22		56		44		22		56	
Exit Pupil Diameter (mm)	14,8	4,6	14,8	4,6	13,5	5,5	14,8	4,6	11,0	2,8	13,5	5,5	9,3	2,3
Eye Relief (mm)	90	80	90	80	84	88	90	80	100	80	81	88	89	80
Field of View (°)	6,30	1,92	6,30	1,92	20,35	4,95	6,30	1,92	4,88	1,36	20,44	5,25	3,37	0,90
Field of View (m / 100 m)	11,0	3,4	11,0	3,4	35,9	8,6	11,0	3,4	8,5	2,4	36,1	9,2	5,9	1,6
Focal Plane Position	2		2		2		2		2		2		2	
Dioptric Compensation (D)	+/- 3		+/- 3		+/- 3		+/- 3		+/- 3		+/- 3		+/- 3	
Adjustment Range (cm/100m)	116		116		230		116		V 116 / H 87		232		V 232 / H 87	
Impact Per Click (cm/100 m)	0,7		0,7		1,5		0,7		0,5		1,5		0,73	
Parallax Correction	no		no		no		no		10m - infinity		no		30m - infinity	
Weight (g)	620		650		535		660		800		550		865	
A	339		339		305		339		385		248		386	
B	137		137		202		137		153		143		170	
C	54		54		118		54		71		59		74	
D	53		53		55		53		55		55		55	
E	62		62		30		62		55,5		30		62	
F	41,5		41,5		41,5		41,5		41,5		42		44,5	
G	30		30		Rail				30		30		30	
H	105		105		-		105		135,5		-		135	
K	100		100		97		100		97		104		162	

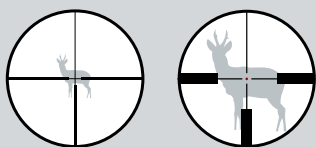
MeoPro

	6x42		3-9x42		4-12x50		6-18x50		3-9x50		3,5-10x44		3,5-10x44 RD	
	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Magnification	6 x	3 x	9 x	4 x	12 x	6 x	18 x	3 x	9 x	4 x	10 x	4 x	10 x	
Objective Lens (mm)	42		42		50		50		50		44		44	
Exit Pupil Diameter (mm)	7,0	12,4	4,7	12,4	4,2	8,2	2,8	12,0	5,6	11,8	4,4	11,8	4,4	
Eye Relief (mm)	90	96	99	99	102	98	98	90	90	90	90	90	90	
Field of View (°)	3,50	7,00	2,32	5,25	1,72	3,44	1,15	6,80	2,20	5,90	2,10	5,90	2,10	
Field of View (m/100 m)	6,1	12,2	4,0	9,2	3,0	6,1	2,01	11,90	3,80	10,30	3,60	10,30	3,60	
Focal Plane Position	2		2		2		2		2		2		2	
Dioptric Compensation (D)	+2/-3		+/- 3		+2/- 3		+2/- 3		+2/- 3		+2/- 3		+2/- 3	
Adjustment Range (cm/100m)	203		203		151		102		203		180		180	
Impact Per Click (cm/100 m)	0,7		0,7		0,7		0,7		0,7		0,7		0,7	
Parallax Correction	no		no		no		46m - infinity		no		no		no	
Weight (g)	445		446		516		530		545		470		500	
A	315		320		360		391		356		329		329	
B	142		142		149		144		142		141		141	
C	48		48		55		50		49		48		48	
D	61		61		61		60		61		61		61	
E	49		49		57		57		57		51		51	
F	45		45		45		45		45		45		45	
G	25,4		25,4		25,4		25,4		25,4		25,4		25,4	
H	82		81		114		50		122		95		95	
K	92		92		92		92		92		92		92	





Reticle Placement



Reticle in the front focal plane



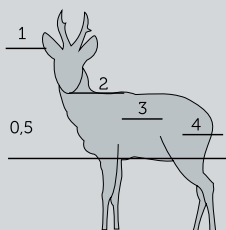
Reticle in the rear focal plane

Position of the reticle (crosshairs) in the front focal plane (behind the objective lens) means that with change in magnification both the target image and the reticle thickness increase or decrease. Position of the reticle in the rear focal plane (in front of the eyepiece) allows the reticle to maintain its constant virtual size throughout the entire magnification range.

So shortly:

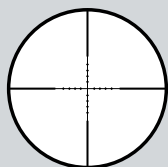
- All fixed magnification riflescopes are not affected by the reticle position
- A reticle positioned in the front focal plane enables the shooter to use the distance estimation scale and dimensions of thick lines for measuring distance at any magnification.

Use of the distance scale with 4A and 4B reticles



Distance scales help users estimate the distance of an object depending on its size. Line up the target or a part of the target, the size of which you estimate to be 0.5m on the bottom line in the ranging scale. The number that coincides closest with the top of the animal's back indicates its distance in hundreds of meters. For example, if the body trunk height of an adult Roebuck is estimated to be 0.5 m, then this Roebuck, as seen in the illustration, is approximately 200 meters away from the shooter. The 4A ranging reticle allows for range estimation out to 400 meters, while the 4B adds extended distance to 600 meters.

Use of Mil-Dot reticles

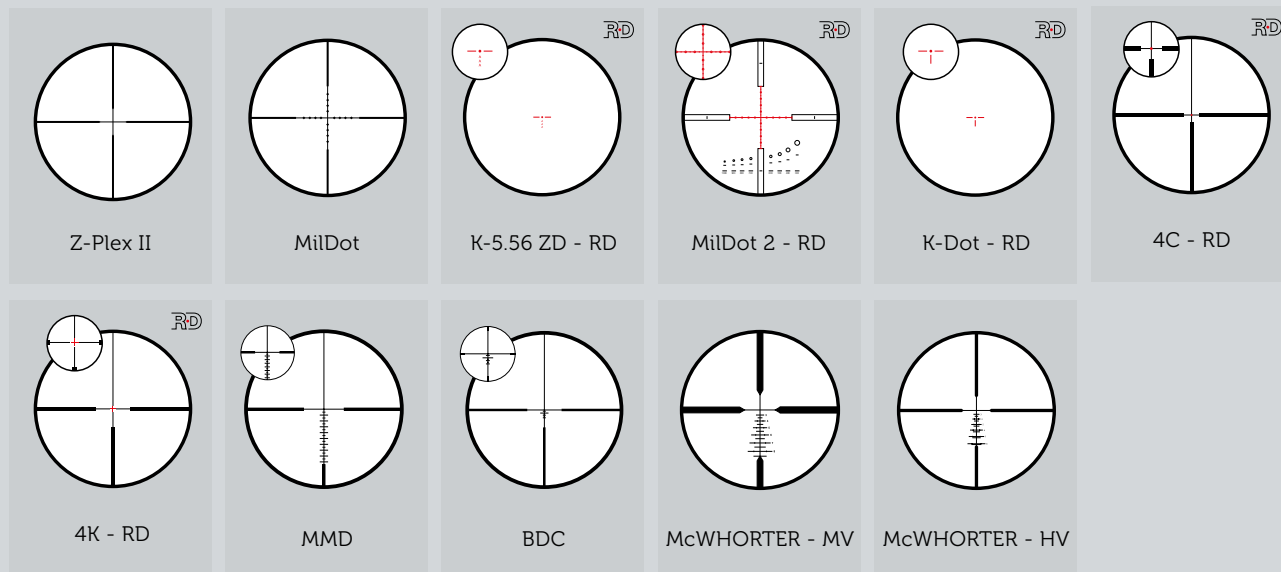


Similar to the use of distance scale of 4A and 4B reticles, the dots placed on the stadia equal an angle of 1m at 1000m, or 1 milliradian. The distance D is then determined by a simple calculation using the formula $D = 1000 \times H/h$, where H stands for the actual target height in meters and h stands for its angular height in scale intervals. The above method of range finding provides correct results only with riflescope set on the maximum magnification.

MeoStar R1r 3-12x56

MeoStar R1r 3-12x56 - this model, unlike the original MeoStar R1 3-12x56, has the reticle situated in the rear focal plane.

The choice of reticles in MeoStar R1, tactical ZD, MeoPro and Artemis riflescopes.



Model	Image Plane*	Non-Illuminated Reticles											Reticles Featuring Illumination					
		1	4	4A	4B	Zplex	Zplex II	MilDot	MMD	BDC	MV	HV	K-Dot	4C	4K	K-5,56	MilDot2	
MeoStar R1, MeoStar R1 RD																		
1-4x22, 1-4x22 RD	2	•	•				•						•					
1,5-6x42 RD	2													•				
4-12x40	2	•	•				•		•									
4-16x44	2							•										
3-10x50	2	•	•				•											
3-12x56, 3-12x56 RD	1	•	•		•	•	•					•		•				
7x56, 7x56 RD	2	•	•		•	•	•							•				
MeoStar R1r																		
r 3-12x56, r3-12x56 RD	2		•				•							•		•		
r3-12x56 RGD	2													•	•			
MeoStar R1/R1r with Meopta Rail (MR)																		
1-4x22, 1-4x22 RD	2												•					
r 3-12x56, r3-12x56 RD	2												•	•	•			
ZD Tactical																		
ZD 4-16x44 RD	2					•	•											
ZD 1-4x22 RD	2															•		
ZD 6-24x56 RD	2																•	
MeoPro																		
3-9x42	2		•			•			•	•								
4-12x50	2		•			•			•	•								
6-18x50	2					•	•		•	•								
6x42	2	•	•			•												
3-9x50	2		•			•				•								
3,5-10x44, 3,5-10x44 RD	2		•			•				•				•				
Artemis 2000																		
1.5-6x42	1	•	•	•		•												
2-8x42	1	•	•		•	•												
3-9x42	1	•	•		•	•												
3-12x50	1	•	•		•	•												
6x42	2	•	•		•	•												
7x50	2	•	•		•	•												
Artemis 2100																		
3-12x50	1													•				
7x50	1													•				

* In the front (1) or rear (2) focal plane

Five levels
of red dot
illumination



Reflex Sights



MeoSight II

An extremely compact reflex sight designed for immediate close quarter target acquisition and accurate shooting when on the move. Lightweight and dependable, the MeoSight II is an ideal aiming device for handguns, shotguns and tactical weapons. The central red dot, which is available in either 3 or 5 MOA sizes, offers five levels of illumination intensity and indicates low battery life with a blinking dot as well as providing automatic battery shut off after three hours.



Technical Specifications

M-RAD

The rugged M-RAD - reflex sight is battlefield hardened for real world combat. Teamed with a wide range of weapons – from pistols to shotguns to AR rifles – this compact reflex sight greatly increases shooter accuracy and speed in military, L/E and competitive shooting. Mount to a primary riflescope for situations that require a rapid change from distant targets to intuitive, eyes wide-open engagement of close quarter threats or directly to the rifle with integrated quick release MIL-STD-1913 rail interface. Eight distinct illumination levels provide versatility for all lighting conditions.

	M-RAD	MecSight II
Magnification	1x	1x
Sight Lens (mm)	17 x 23	17 x 23
Aiming Point Size (MOA)	3 or 5	3 or 5
Windage Adj. Range (MOA)	80	120
Elevation Adj. Range (MOA)	90	120
Battery Type	2 x CR1632	2 x CR1632
Battery Life (hrs)	300	300
Weight	158g	52g
Dimensions	59,5 x 45 x 50,5	52 x 26 x 33



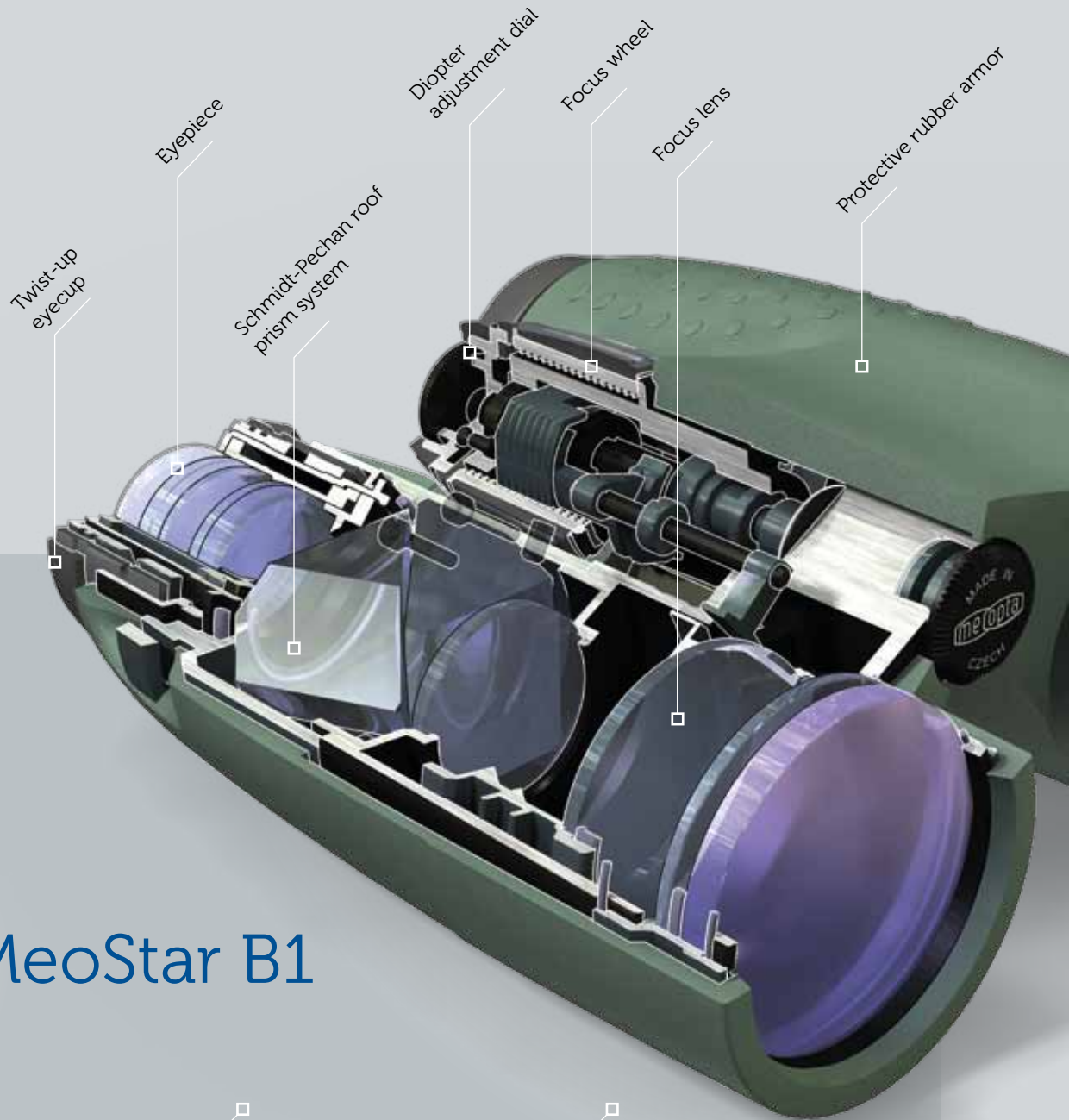
A BETTER VIEW OF THE WORLD



BINOCULARS

Delivering premium performance from dawn
to dusk and everywhere in between





MeoStar B1

MEOBRIGHT 5501

Developed and engineered using state-of-the-art technologies at Meopta, our MeoBright 5501 ion assisted lens multi-coating is applied to all air-to-glass optical surfaces. Eliminating glare and reflections, MeoBright 5501 provides industry leading 99.8% light transmission per lens surface (87-89% complete transmission thru the entire optical system depending on model).



FOCUS WHEEL

Central focus wheel with integrated dioptic correction dial for easy, one-finger adjustment.



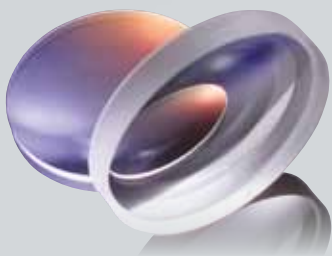
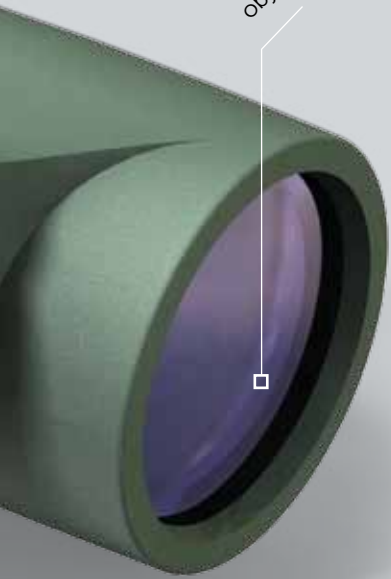
TWIST-UP EYECUPS

Quick, twist-up eyecups provide comfortable, extended viewing with or without glasses. The eyecup can be completely removed and replaced with a converter for double magnification.



A BETTER VIEW OF THE WORLD

MeoBright 5501
fully multi-coated
objective lens



MEOBRIGHT5501
ION ASSISTED LENS COATINGS



MEOBRIGHT 5501

Anti-reflective multi-coating MeoBright 5501 ensures extraordinary light transmission.



WATERPROOF

The binoculars are fully waterproof even when immersed in water and they are completely protected against humidity, rain and snow.



HD

HD optics eliminates secondary chromatic aberration.



ALUMINUM BODY

Aircraft grade aluminum alloy body.



NITROGEN PURGED AND SEALED

Binoculars are sealed and filled with inert nitrogen gas, and protected from internal condensation build up.



BRILLIANT IMAGE

Maximum resolution and contrast with precise colour representation and edge-to-edge clarity throughout the entire field of view.



SHOCK RESISTANT

The robust mechanical structure and rubber armouring guarantee durable shock resistance.



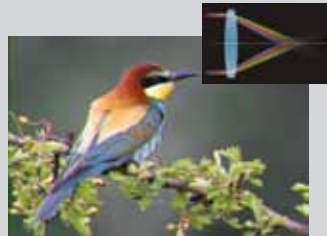
ERGONOMIC

Perfectly balanced ergonomic design.



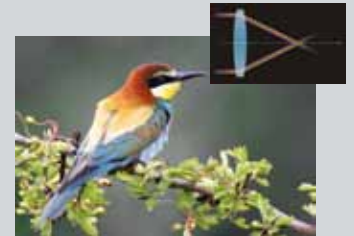
TWIST-UP EYECUPS

For comfortable viewing with or without glasses.



Standard optical system

Allows light wavelengths to disperse or scatter and focus at different points along the optical axis. The result is chromatic aberration (CA) or colour fringing. By combining lenses made of various optical glass during the construction of the binocular, the desired reduction of this effect is achieved.



HD optical system

HD fluoride objective lenses eliminate chromatic aberration (CA) or colour fringing by bringing light wavelengths into a single homogeneous focus along the optics axis, delivering maximum resolution and vivid colour representation.

Ergonomic shape



- AIRCRAFT GRADE ALUMINUM
- ERGONOMIC DESIGN
- TWIST-UP EYECUPS
- SHOCK RESISTANT
- MEOBRIGHT 5501
- NITROGEN PURGED
- WATERPROOF
- BRILLIANT IMAGE
- HD OPTICS



MeoStar B1

Meostar B1 binoculars combine superior optical elements in a compact, mechanically robust, ergonomically designed body, providing an exceptional waterproof, dustproof and shockproof performance.



MeoStar B1 8x32
MeoStar B1 10x32

Ultra-light, compact, comfortable binoculars which make an ideal companion for a wide array of activities. Whether you are hunting dense woodland areas or hiking your favourite mountain trail the B1 32mm series offers an extremely wide field of view which can be appreciated by users from all areas of interest.



MeoStar B1 7x42
MeoStar B1 8x42
MeoStar B1 10x42

The traditional "go to" binocular size for hunters, birdwatchers and general nature lovers alike, the MeoStar B1 42mm series of binoculars deliver maximum brightness in all situations.



MeoStar B1 10x42 HD

You start where the others end...

MeoStar B1 42mm HD series offer all-round performance in a compact, ergonomic design. Built to the standards of demanding users across the globe, our premium grade internal optics systems combined with robust mechanical engineering have resulted in some of the best performing binoculars on the market today.



MeoStar B1 7x50
MeoStar B1 10x50
MeoStar B1 12x50

Designed for the hunter or nature observer who wants to get every last possible bit of performance out of a binocular, yet still be manageable enough to handle for extended periods.



MeoStar B1 8x56

Precision ground and polished 56mm objective lenses and an extra-large 7mm exit pupil ensure you will be the first one and the last one glassing on your next hunting adventure.

Affordability
never looked
so good



AL ALLOY / POLYCARBONATE
ERGONOMIC DESIGN
FULLY WATERPROOF
FULLY MULTI-COATED
NITROGEN PURGED
SHOCKPROOF
BRILLIANT IMAGE
TWIST-UP EYECUPS



MeoPro

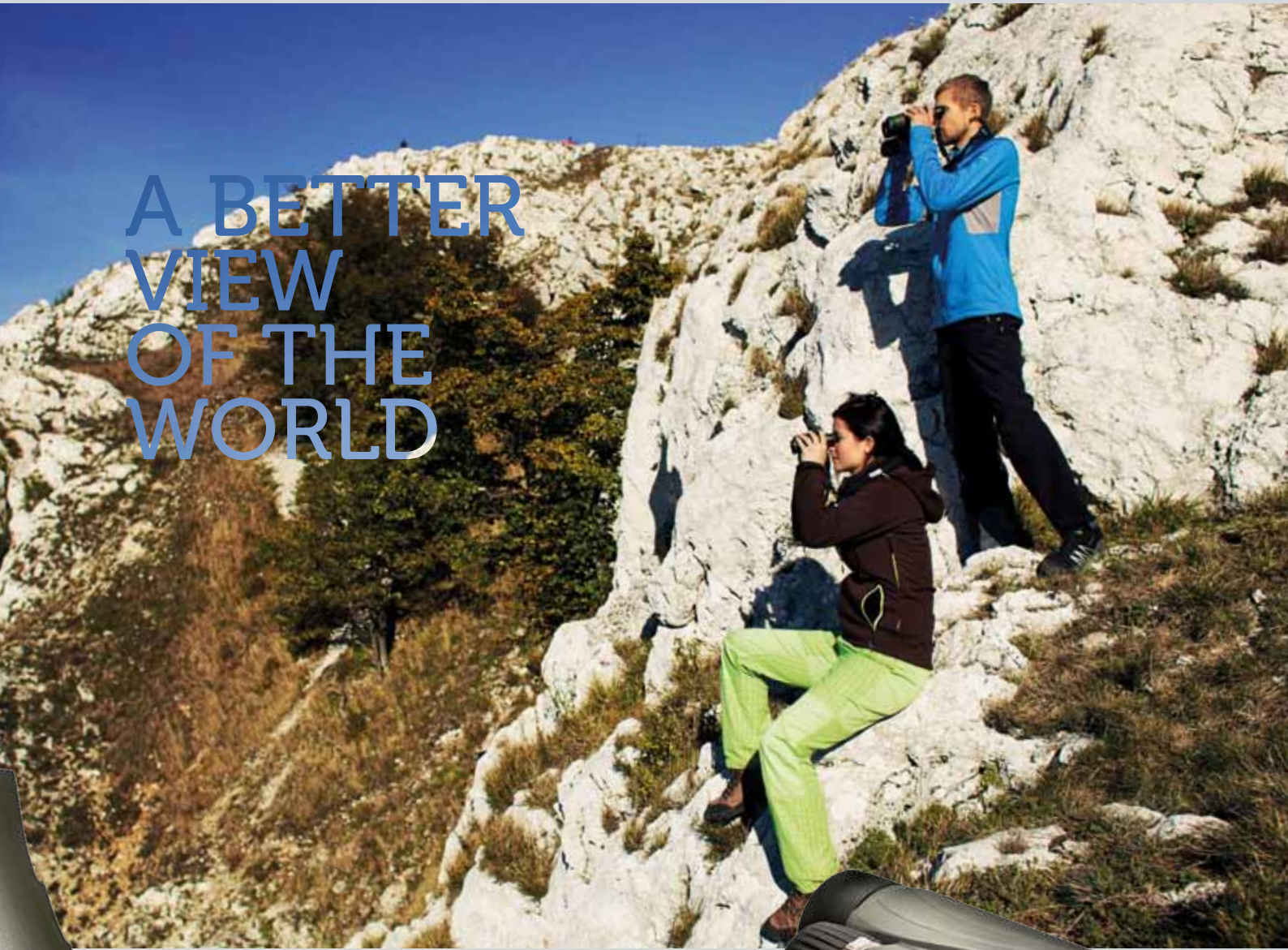
Designed to deliver renowned Meopta performance to a new class of user, MeoPro binoculars provide excellent optical performance, robust design and durable performance for avid hunters, birdwatchers and outdoor enthusiasts.

MeoPro 6,5x32

Ultra-light and compact with a field of view and resolution comparable to much higher priced options.



A BETTER VIEW OF THE WORLD



MeoPro 8x42
MeoPro 10x42

Lightweight, ergonomically designed 42mm MeoPro binoculars offer excellent optical performance for all your outdoor observation needs.



Accessories



Tripod adapter

Quick release tripod adapter allows for stable mounting of your Meopta binocular to any standard tripod.

Twist-up removable eyecups

The eyecup on the MeoStar B1 binocular is completely removable and can be replaced with a convertor for double magnification.



Convertor 2x

Convertor 2x allows you to double the MeoStar B1 binocular magnification and convert it into a small spotting scope.

Binocular carrying cases

Standard



Premium Optics Cleaning Kit



MeoStar B1

MeoPro

	MeoStar B1										MeoPro		
	8x32	10x32	7x42	8x42	10x42	7x50	10x50	12x50	8x56	10x42 HD	6.5x32	8x42	10x42
Magnification	8 x	10 x	7 x	8 x	10 x	7 x	10 x	12 x	8 x	10 x	6,5x	8x	10x
Objective Lens (mm)	32	32	42	42	42	50	50	50	56	42	32	42	42
Field of View (°)	7,92	6,35	7,84	7,84	6,30	7,21	6,30	5,25	6,35	6,31	8,25	6,67	6,10
Field of View (m/1000m)	139	111	137	137	110	126	110	92	111	110	144	117	107
Eye Relief (mm)	15,5	16,3	21,8	17,4	15	22,5	17,4	15,0	21,5	15,0	22,3	24,0	17,4
Shortest Focusing Distance (m)	1,7	1,5	3,0	3,0	3,0	4,0	4,0	3,5	5,0	2,6	1,1	1,6	1,6
Exit Pupil Dia (mm)	4,0	3,2	6,0	5,3	4,2	7,1	5,0	4,2	7,0	4,2	5,0	5,3	4,2
Dioptic Correction (D)	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0	+/- 3,0
Weight (g) - without caps & strap	598	600	890	897	877	987	1020	1020	1120	898	610	730	715

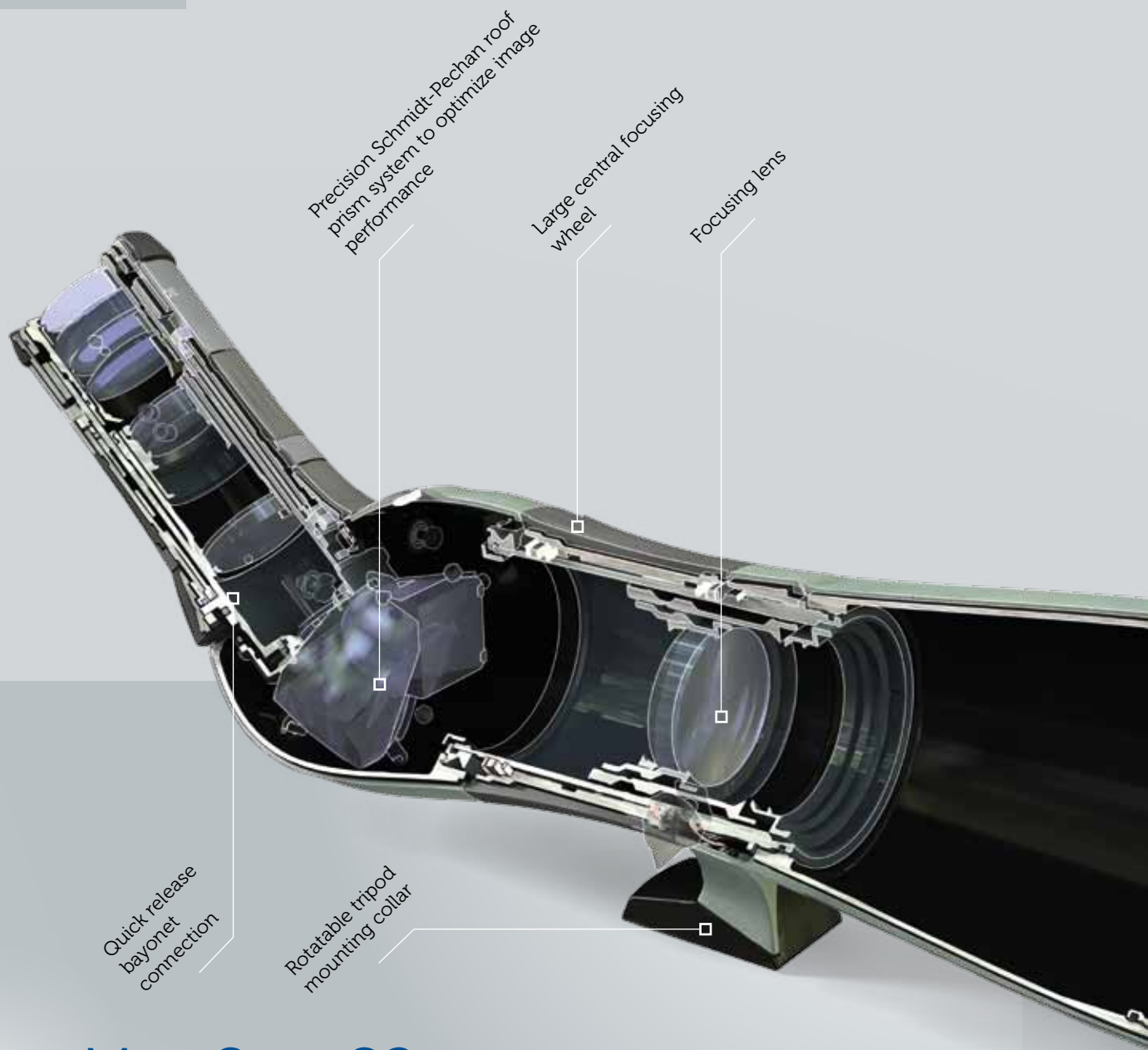
A BETTER VIEW OF THE WORLD



SPOTTING SCOPES

Reveal all the secrets





MeoStar S2

MEOBRIGHT 5501

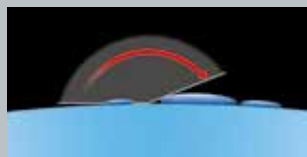
Developed and engineered using state-of-the-art technologies at Meopta, our MeoBright 5501 ion assisted lens multi-coating is applied to all air-to-glass optical surfaces. Eliminating glare and reflections, MeoBright 5501 provides industry leading 99.8% light transmission per lens surface (87-89% complete transmission thru the entire optical system depending on model).



MEODROP HYDROPHOBIC COATING

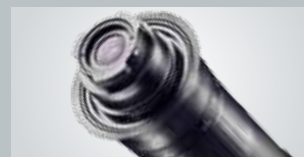
MEODROP - NEW

Meopta MeoDrop - our new proprietary hydrophobic lens coating ensures safe and fast removal of water droplets and debris from the surface of optical elements.



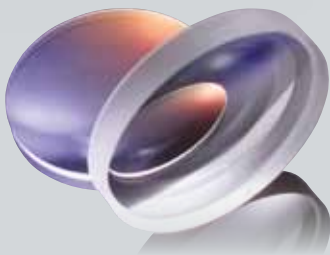
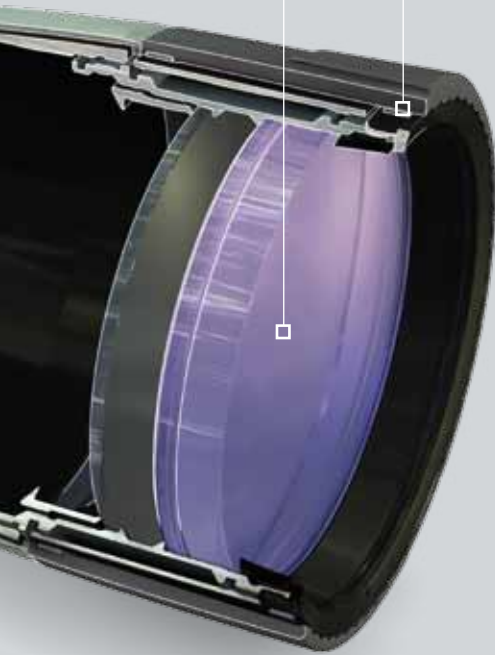
BAYONET

Secure bayonet connection for all MeoStar S2 eyepieces.



A BETTER VIEW OF THE WORLD

MeoBright 5501 fully multicoated fluoride objective lens
 Extendable sunshade with integrated aiming aperture



MEOBRIGHT5501
 ION ASSISTED LENS COATINGS



MEOBRIGHT 5501

Antireflective coatings **MeoBright 5501** ensure extraordinary light transmission on all air-to-glass optical surfaces.



MEODROP

Proprietary **Hydrophobic** lens coating.



HD

HD glass eliminates secondary chromatic aberration.



WATERPROOF

The spotting scopes are completely **waterproof even when immersed in water** and they are fully protected against humidity, rain and snow.



MG-AL BODY

Composed of both magnesium and aluminum alloys, the balance struck between the two offers a lightweight yet **extremely durable** and rugged spotting scope.



NITROGEN PURGED AND SEALED

Filled and sealed with inert nitrogen gas to ensure fogproof performance and eliminate the buildup of **condensation inside the scope**.



CENTRAL FOCUSING WHEEL

Direct drive central focus for precise, **one handed operation**.



SUNSHADE

Integrated **sunshade** with an aiming element.



BAYONET

Secure bayonet connection for all MeoStar S2 eyepieces



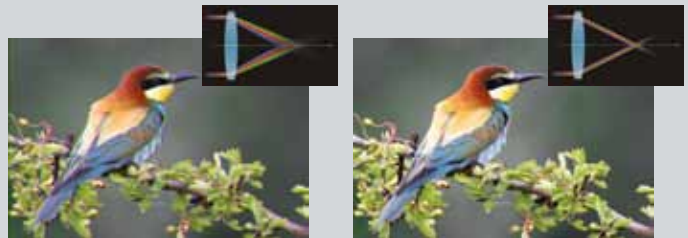
BRILLIANT IMAGE

Maximum **resolution and contrast** with precise colour representation and edge-to-edge clarity throughout the entire field of view.



ERGONOMIC DESIGN

Well balanced, **elegant design**.



Standard optical system

Allows light wavelengths to disperse or scatter and focus at different points along the optical axis. The result is chromatic aberration (CA) or colour fringing. By combining lenses made of various optical glass during the construction of the binocular, the desired reduction of this effect is achieved.

HD optical system

HD fluoride objective lenses eliminate chromatic aberration (CA) or colour fringing by bringing light wavelengths into a single homogeneous focus along the optics axis, delivering maximum resolution and vivid colour representation.



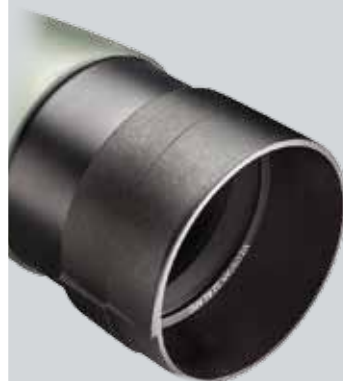
INTEGRATED SUN SHADE
 CENTRAL FOCUSING
 MG-AL BODY
 ERGONOMIC DESIGN
 MEOBRIGHT 5501
 MEODROP
 NITROGEN PURGED
 WATERPROOF
 BRILLIANT IMAGE
 HD GLASS
 BAYONET



MeoStar S2 82 HD

Built to stand the rigors of the most demanding users, the MeoStar S2 82 HD is the pinnacle of optical/mechanical development for Meopta Sports Optics. At the heart of the advanced technologies found in the new S2 spotting scope are the 2-element high definition, extra low dispersion fluoride objective lens elements. The HD elements eliminate chromatic aberration (colour fringing) at the edges of the image, delivering crisp, brilliant resolution, along with increased contrast and vivid colour fidelity. The Al/Mg alloy body is fully rubber armoured and comes with a choice of quick-release bayonet fitting eyepieces, making the S2 82 HD the ultimate precision observation instrument.

Constant subjective 66° field of view throughout the entire span of magnification with the 30-60x eyepiece



Integrated
Sunshade

with aiming element





Eyepiece Adapter

Upgrading from your trusted MeoStar S1 to the new S2 82 HD? No problem. Our eyepiece adapter allows you to fit the 20-60x or 30x WA eyepieces, along with SLR/DSLR photoadapter from the S1 generation to the new S2 82 HD.



Adapter

30xWA

20 - 60x

Eyepieces

The 30-60x
 – WA eyepiece provides a constant 66° subjective field of view throughout the entire magnification range.

The 20-70x
 – provides a 45° subjective field of view at 20x and a 63° subjective field of view at 70x magnification.

Built to stand the rigors of the most demanding users, the MeoStar S2 82 HD is the pinnacle of optical/mechanical development for Meopta Sports Optics.



30-60x

20-70x

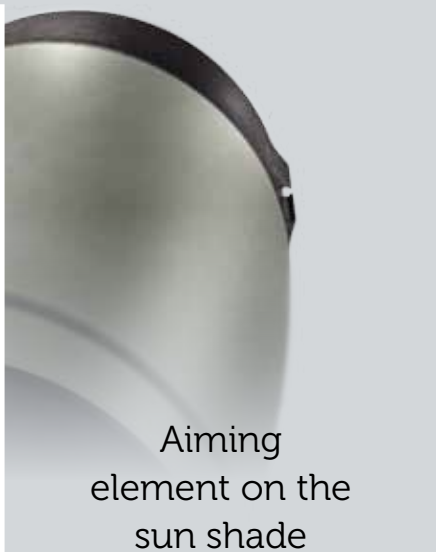


INTEGRATED SUN SHADE
 CENTRAL FOCUSING
 AL BODY
 ERGONOMIC DESIGN
 MEOBRIGHT 5501
 NITROGEN PURGED
 WATERPROOF
 BRILLIANT IMAGE
 HD GLASS
 INTERCHANGEABLE EYEPIECES



MeoStar S1 75

MeoStar S1 spottings scopes provide outdoor enthusiasts with top quality at an exceptional value. As standard with Meopta products, the S1 75 spotting scopes offer tremendous optical performance and discerning enthusiasts can step up to the HD version which renders crystal clear and sharp images even under the most difficult light conditions.



Aiming
element on the
sun shade



TRIPOD THREAD
WATER RESISTANT
SUPERB IMAGE



TGA 75

Designed and engineered for the traditional European hunter, the TGA 75 offers extremely rugged design and function with superb optical performance. The collapsible design of the TGA 75 makes it an ideal spotting scope for backpackers and hunters who often have to traverse rocky terrain and need a lightweight, yet durable spotting scope. The innovative design and ease of use, also means that you do not need to set up a tripod to observe with the TGA 75; simply find a comfortable location and a stable rock or tree to support the scope as you glass the area.



Collapsible body

Interchangeable eyepieces

A selection eyepieces identical with those of the Meostar S1 range, including the 30x WA-R wide-angle eyepiece featuring a ranging reticle for simple determination of the distance of the observed object.



30xWA-R

30xWA

20 - 60x





S1 carrying cases



S2 carrying case



MeoStar S2

S2 82 HD		Eyepieces			
Angled	Straight	30-60x WA		20-70x	
		min	max	min	max
Objective Lens (mm)	82				
Objective Lens Focal Length (mm)	439	14,6	7,3	21,8	6,3
Field of View (°)		2,55	1,2	2,35	0,93
Eye Relief (mm)		18	18	18	18
Shortest Focusing Distance (m)	4,1	4,15			
Dioptric Correction (D)	+/- 3,0				
Tripod Thread	1/4-20 + 3/4-16				
Length w/o Eyepiece (mm)	340	326	116	118	
Weight w/o Eyepiece (g)	1 430	1 454	345	337	



MeoStar S1

S175 HD		S175 Standard		Eyepieces		
Angled	Straight	Angled	Straight	30x WA	20-60x	
					min	max
Objective Lens (mm)	75					
Objective Lens Focal Length (mm)	329			11	16,2	5,55
Field of View (°)				2,14	1,8	0,9
Eye Relief (mm)				16,8	15,3	17
Shortest Focusing Distance (m)	4,18	4,18	4,25	4,25		
Dioptric Correction (D)	+/- 3					
Tripod Thread	1/4-20 + 3/4-16					
Length w/o Eyepiece (mm)	351	350	365	365	76	90
Weight w/o Eyepiece (g)	1 206	1 210	1 170	1 175	105	160



TGA 75

	30xWA, 30xWA-R	20-60x
Magnification		
Field of view (m/1000m)	38	31-16
Lens diameter (mm)	75	
Dioptric Correction (D)	+/- 5	
Eye relief (mm)	15	
Shortest Focusing Distance (m)	6	
Length w/o Eyepiece (mm)	250/375	
Weight w/o Eyepiece (g)	1 150	



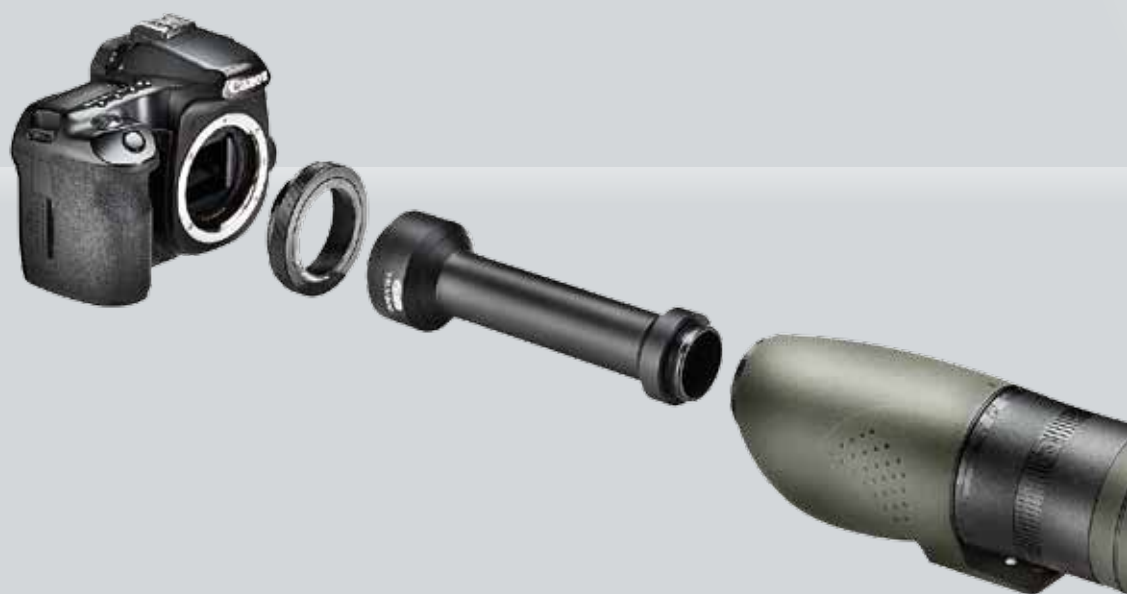
QUICK MOUNTING
SIMPLE SETUP
EASY TRANSPORT



Digiscoping

Capturing the best moments
nature has to offer.

In combination with a MeoStar S1-75 or S2 82 spotting scope, a photoadapter and your favourite digital camera, you can capture moments that pass most others by, and in detail that you never thought possible.





Meopta SLR/DSLR Photoadapter

The Meopta photoadapter is designed for digiscoping with single lens reflex (SLR) cameras. In combination with a MeoStar S1 or S2 spotting scope, the simple photoadapter transforms your MeoStar spotting scope into an efficient telephoto lens, the quality of which is comparable with professional telephoto lenses.

LIGHT
COMPACT
UNIQUE



iScoping

Welcome to the revolution.

MeoPix iPhone adapter

Combining the optical power and magnification of a spotting scope with the digital camera and smarts of the iPhone, is not just innovative, it is revolutionary. The MeoPix iPhone 4/4S adapter allows you to quickly and simply attach your iPhone to the MeoStar S2 spotting scope and capture stunning images or record HD quality video in the blink of an eye.



Made of durable
polycarbonate resin.



MeoPix dimensions

- ∅ 42 mm compatible with MeoStar B1 binoculars
- ∅ 44 mm compatible with Meopro binoculars & MeoStar S1 spotting scopes
- ∅ 49 mm compatible with Meostar S2 spotting scopes / 55 mm / 55,3 mm / 57 mm



iPhone 4
8GB 16GB 32GB



iPhone 4S
16GB 32GB 64GB



Meopta in the Hands of Champions



Meopta is a proud sponsor of the Czech biathlon team.

Czech National Biathlon Team uses Meopta spotting scopes.

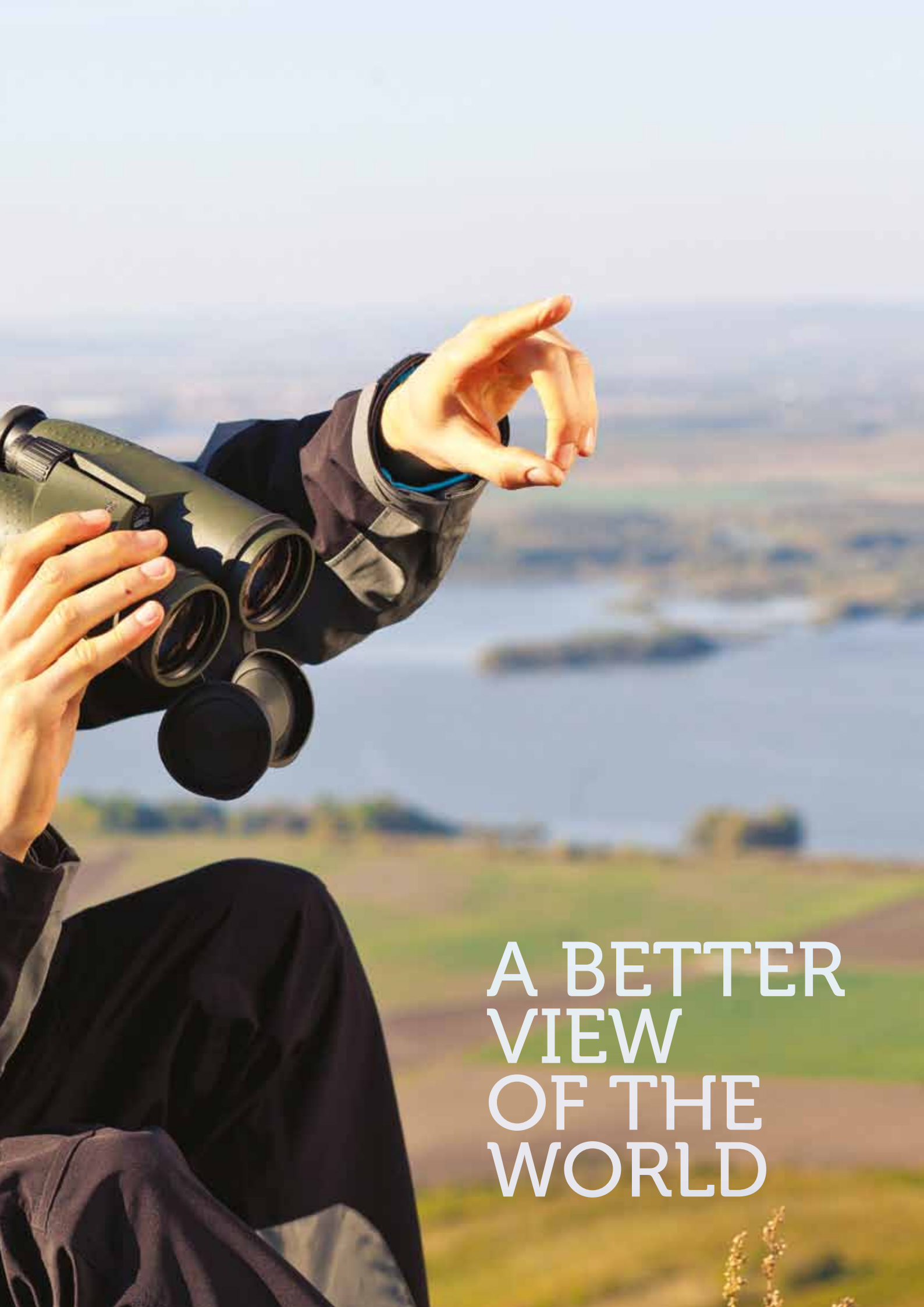




Meopta is also proud to support the Norwegian biathlon team by providing premium quality **MeoStar S2 82mm HD** spotting scopes for use in all their trainings and competitions.

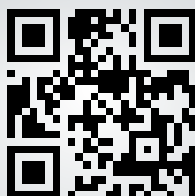
Norwegian National Biathlon Team uses the new MeoStar S2 82 HD





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