

RIFLESCOPES / RED DOTS / ACCESORIES / NIGHT VISION APPARATUS

The Romanian authority in optics

# PRODUCT CATALOG

2018-2019

# IOR optics



82 YEARS OF OPTICS

RIFLESCOPES / RED DOTS / ACCESORIES / NIGHT VISION APPARATUS



# WHO WE ARE.

For over 80 years we are specialists in the processing of optical glass, our goal being the accomplishment of high quality opto-mechanical apparatus destined to you.

IOR was established in 1936 and it has been the sole Romanian company with a famous tradition in designing and performing opto-mechanical apparatus.

In 1941 IOR was militarized and, therefore, it preeminently produced products for the army (binoculars, telescopes, telemeters etc.). After 1949, the first eyeglasses lenses were produced, then, in 1951 the first didactic microscopes and, in 1954 the first photo apparatus. After 1959, more attention was given to the medical area and so, appeared the first products for ophthalmology. Also, in that period started the production of cinematographic projection apparatus. In 1960, IOR produced the first binocular laboratory microscopes, in 1961 the first dental units, in 1962 the first research microscopes and in 1967 we began to produce photo objectives. After 1980s there have appeared new ranges, as opto-electronics, lasers, metrology, thermovision with various applications.

In our sustained efforts to offer the best quality products to the internal and external markets, IOR has made major structural changes during the last years, by renewing the technological line with processing centres and numerical order lathes, as well as checking-apparatus.

*Started with 1992, in IOR, there has been implemented a quality system that complies with the SR EN ISO 9001 standard.*





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# TIME OF INNOVATION

It is with tremendous pride and satisfaction that we bring to you IOR 2016 full line optical products catalogue.

Engineered by professionals for professionals, and proven under tough operational conditions, they stand out for their superior materials and excellent, carefully considered workmanship. The special glass types receive a top-quality coating to guarantee excellent light transmission.

2007 takes us to the next generation of premium optical quality and design.

2008 simply put our new Mx6 and Mx7 (magnification factor 6 and 7) products groups between the best scopes you will ever look through, with the highest contrast and best resolution edge to edge on the market today!

2009 lineup - the most unique is a 36x42 benchrest scope with 1/8 MOA clicks, 30mm tube a new MP-8 style MOA reticle which has worm-drive side focus with no stop to it. Next in line is the 2-12x36 Tactical with a BDC style exposed knob and a MP-8 or CQB style of reticle and 35mm tube. Finally, an all new 1/4x32 with 35mm tube was on the table.

2010 - IOR introduced a trio of new scopes 6-24x56 illuminated FFP mil/mil, 3.5-18x50 illuminated FFP mil/mil and SFP moa/moa with digital illumination and new knobs with a zero reference system.

2011 - IOR introduced scopes with 10 x magnification factors and two illuminating reticles for hunting and tactical scope and the big" surprise the debut of the 12-52x56 "Terminator" ultra long range scope.

2012 - IOR will update all his big game's scope as 9-36x56 and 4-28x56 and lay the foundation of his new 4 generation family.

2013 - IOR introduced the most advanced riflescopes on the market today: 5.8-40x56, 4-28x50 NG, 9-36x44, 1.5-8x26 TRIDENT FFP, Red Dot RV 4 and RV 6 etc.

2014 - IOR introduced 1x/6x30 and H-KLASSE serial scopes.

2015 - IOR introduced 3-25x50 DZD scope.

2016 - IOR introduced 5-25x50 DZD, 2-16x42 DZD & 5-40x56 DZD.

We didn't stop there though. At IOR, we are constantly searching for new products and innovations that provide a true benefit to the shooter.

We do not know how successful your moments of truth will be, but we do promise that the IOR's optics will not fail you.

Thank you for support and for inspiring us to continue our tradition of excellence.

IOR S.A.

Our engineers created riflescopes which had never been built before to meet extremely difficult targets demanding levels of positive identification, accuracy and optical performance.

Now you can identify targets and distinguish threats at distances measured in hundreds of meters.





# HUNTING RIFLESCOPES CLASSIC

## Fixed Power Series (F.P.S.)

Riflescopes you can trust everyday.

The classic 1' tube made by steel from one piece provides a maximum ruggedness and structural integrity.

Full coating ensures the sharpness and clarity of image.

The 30 mm tube is characterized by the powerful combination of brilliant optics and special design features.

Model	4x32	6x42	10x56
Order code	180503998	180530999	180551999
Magnification	4x	6x	10x
Objective diameter (mm)	32	42	56
Field of view (degrees)	6	4	2.3
Exit pupil diameter (mm)	8	7	5.6
Eye relief (mm)	82	96	90
Diopter compensation (dpt)	-4/+2	-3/+3	-4/+2
Illuminated reticle	No	No	Yes
Click value /100m	1/2 inch	1/4 inch	1/4 inch
Tub diameter (mm)	1"/26	30	30
Length (mm)	300	350	350
Weight (g)	450	620	740



Classic 4x32



Classic 6x42



Classic 10x56

all hunting scopes have free parallax at 100m



# HUNTING RIFLESCOPES H-KLASSE

## Variable Power Series (V.P.S.)

Our V.P.S. guarantee accurate shots even when shooting long-range and aiming small targets. Use our V.P.S. when poor light conditions challenge you - you can explore the full potential of illuminated reticle at anytime.

The new H-KLASSE series offer you following new scopes: 6-24x50/IL with parallax system and 1x/6x30/IL

Model Order code	2.5-10x56 1805609990	4-14x56 1805559990	6-24x50 1805119980
Magnification	2.5-10x	4-14x	6-24x
Objective diameter (mm)	56	56	50
Field of view (degrees)	6°(2.5X) / 2.1°(10X)	4.5°(4X) / 1.4°(14X)	3°(6X) / 0.9°(24X)
Exit pupil diameter (mm)	13(2.5X) / 5.6(10X)	14(4X) / 3.6(14X)	8.3(6X) / 2.1(24X)
Eye relief (mm)	min. 85	88	min. 84
Diopter compensation (dpt)	-4/+2	-4/+2	-4/+2
Illuminated reticle	YES	YES	YES
Click value /100m	1 cm	1 cm	1 cm
Tub diameter (mm)	30	30	30
Length (mm)	370	385	417
Weight (g)	870	900	970





# HUNTING RIFLESCOPES H-KLASSE

The new 1:4x32 PITBULL is the latest instrument in our line of hunting scopes. Boasting a true 1x for "both eyes open" applications, with an incredible field of view, this new optic is a true engineering marvel. The cat tail type magnification lever, quickly changes power from 1x to 4x, for longer range engagements, in less than a 1/4 turn. An oversized 35mm tube and the 32mm objective lens, offer exceptional resolution and low light performance.

The new 4-16x50 Hunting scope model is the optimum Long range, low light optic. It offers a huge field of view and a very nice eyerelief at all power levels, to give the shooter maximum confidence when pounding the big, hard kicking calibers.

1.5-8x30/IL H-Klasse



4-16x50/IL H-Klasse



Model Order code	4-16x50 1805919980
Magnification	4-16x
Objective diameter (mm)	50
Field of view (degrees)	4.5°(4X) / 1.5°(16X)
Exit pupil diameter (mm)	8(4X) / 3.125(16X)
Eye relief (mm)	88
Diopter compensation (dpt)	-4/+4
Illuminated reticle	YES
Click value /100m	1 cm
Tub diameter (mm)	30
Parallax correction (m)	50-8
Length (mm)	380
Weight (g)	980

Model Order code	1.5-8x30 1805789970
Magnification	1.5-8x
Objective diameter (mm)	30
Field of view (degrees)	13.1°(1.5x)/ 2.5°(8x)
Exit pupil diameter (mm)	8(1.5x) / 3.75(8x)
Eye relief (mm)	88
Diopter compensation (dpt)	-3/+3
Illuminated reticle	YES
Click value /100m	¼ MOA
Tub diameter (mm)	30
Length (mm)	276
Weight (g)	630

New hunting riflescopes





# HUNTING RIFLESCOPES H-KLASSE

## SPECIAL FOR WILD BOAR



1X/6x30/IL WB

Model Order code	1x/6x30 1805909980	1x/4x32 1805739970
Magnification	1x/6x	1x/4x
Objective diameter (mm)	30	32
Field of view (degrees)	17°(1x) / 4°(6x)	24.5-6.5
Exit pupil diameter (mm)	8(1x) / 5(6x)	8
Eye relief (mm)	85	85
Diopter compensation (dpt)	-3/+3	-3/+3
Focal plane	SFP	SFP
Illuminated reticle	Yes	Yes
Click value / 100m	1 cm	0.1mrad
Tub diameter (mm)	30	35
Length (mm)	215	185
Weight (g)	600	620



# TACTICAL SCOPES

Since 1936 IOR has continuously been setting milestones in optical performance. IOR pioneered the design of rifle scopes, repeatedly setting new standards for functionality, durability and overall performance and longevity.

Delivering the goods on a consistent basis is what shooters want. They want scopes to hold zero, adjust in a particular increment and actually have enough resolution to discern targets at greater distances. IOR has the goal of delivering this performance to the shooter.

IOR does not take old hunting scopes, put new tactical knobs on them and call them new tactical scopes.

IOR builds new tactical scopes from the ground up, with new internal mechanisms, new optic systems and new housing. We build our tactical scopes at the highest quality standards in the world.

Innovation is about the idea and the practicality, the benefit. Many IOR scopes have targeting series with 30 mm, 35 mm and now with 40 mm.

IOR has increased the lens size, light transmission and resolution because that was the demand of the shooter.

Our targeting series scopes are legendary for accuracy among competitive shooting circles.



## - Mx-6 Series

In 2004 we started to manufacture the first targeting scopes with 6x magnification factor; at the moment, we are offering 3 types: 1,8-5x26; 2-12x32 and 3-18x42 - all of them being provided with illuminated reticle and lateral parallax adjustment;

## - Mx-7 Series

In 2007 we made the first targeting scopes with 7x magnification factor (4-28x56) and 40 mm tube.

Shooters care about accuracy, and accuracy is obtained with the right equipment. Today's shooters can tell the difference between a 1/4 inch, 1/2 inch or 1 cm/100 m of adjustment. They have found out that most scopes do not supply the level of precision they need, therefore they are using our products.

## - Mx-10 Series

Our engineers created riflescopes which had never been built before to meet extremely difficult targets demanding levels of positive identification, accuracy and optical performance . Now you can identify targets and distinguish threats at distances measured in hundreds of meters.





# F.F.P. TACTICAL SCOPES CHARACTERISTICS



Model Order code	3x25 roof prism 1805469970	6x42 1805299990	10x42 1805139990	10x56 1805499990	16x42 1805149990	16x56 1805149950
Magnification	3x	6x	10x	10x	16x	16x
Objective diameter (mm)	25	42	42	56	42	56
Field of view (degrees)	6	4	2.4	2.3	1.5	1.5
Exit pupil diameter (mm)	8	7	4.2	5.6	2.6	5
Eye relief (mm)	72	96	94	90	90	90
Diopter compensation (dpt)	-3/+3	-3/+3	-3/+3	-4/+2	-3/+3	-3/+3
Focal plane	FFP	FFP	FFP	FFP	FFP	FFP
Illuminated reticle	Yes	No	No	Yes/ No	No	No
Tub diameter (mm)	30	30	30	30	30	30
Click value / 100m	1/4 MOA	1/4 MOA	1/4 MOA or 0.1 mrad	1/4 MOA or 0.1 mrad	1/4 MOA or 0.1 mrad	1/4MOA or 0.1 mrad
Parallax-free	fixed 100m	fixed 100m	50m-infinity	fixed 100m	50m-infinity	10m - infinity
Length (mm)	150	350	350	350	350	350
Weight (g)	450	620	690	820	690	880



# S.F.P. TACTICAL SCOPES CHARACTERISTICS



1.5-8x26



2-12x32



3-18x42



6-24x50



4-14x50

Model Order code	1.5-8x26 1805529990	2.5-10x42 1805369990	2-12x32 1805509990	3-18x42 1805539990	3.5-18x50 1805889960	4-14x50 1805649990	6-24x50 1805589940
Magnification	1.5-8x	2.5-10x	2-12x	3-18x	3.5-18x	4-14x	6-24x
Objective diameter (mm)	26	42	32	42	50	50	50
Field of view (degrees)	14.2-2.7	6.8-2	9-1.8	6-1.3	5.2-1.2	4.5-1.5	3-1.05
Exit pupil diameter (mm)	9.5-3.25	11-4.2	10-2.6	6.61-2.33	8.2-2.8	12.5-3.6	8.3-2.1
Eye relief(mm)	77	80	77	77	85-95	90	85
Diopter compensation (dpt)	-3/+3	-4/+4	-3/+3	-3/+3	-3/+3	-4/+4	-4/+4
Illuminated reticle	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Focal plane	SFP	SFP	SFP	SFP	SFP	SFP	SFP
Tub diameter (mm)	35	30	35	35	35	30	35
Click value /100m	1/4MOA	1/2MOA	1/4MOA	1/4MOA	1/4MOA	1/4 MOA	1/4 MOA
Parallax-free	fixed 100m	fixed 100m	50m-infinity	50m-infinity	40m-infinity	50m-infinity	50m-infinity
Length (mm)	255	360	305	350	365	390	420
Weight (g)	670	620	800	845	1000	900	960

Tactical scopes



# F.F.P. TACTICAL SCOPES CHARACTERISTICS

A first focal plane reticle remains in the same proportion to the target across the riflescope's entire magnification range, it has distinct advantages in rangefinding and help with different targets at varying ranges.

The new 9-36x56 long-range scope has 120 MOA elevation turret adjustment and are 0.1 mrad or 1/8 MOA or 1/4 MOA according to your demand. Fully multicoated ED glass helps achieve light transmission values of over 90% to the eye, brilliant images, excellent contrast and sharp clarity.



Model	1.5-8x26	2.5-10x42	3-18x42	3.5-18x50	6-24x56	9-36x56
Order code	1805529960	1805629980	1805659980	1805889980	1805839990	180544997
Magnification	1.5-8x	2.5-10x	3-18x	3.5-18x	6-24x	9-36x
Objective diameter (mm)	26	42	42	50	56	56
Field of view (degrees)	14.2-2.7	6.8-2	6-1.3	5.2-1.2	3-1.05	2.6-0.65
Exit pupil diameter (mm)	9.5-3.25	11-4.2	6.61-2.33	8.2-2.8	8-2.33	5.4-1.55
Eye relief(mm)	77	80	77	85-95	85-90	80-95
Diopter compensation (dpt)	-3/+3	-4/+4	-3/+3	-3/+3	-4/+4	-3/+3
Focal plane	FFP	FFP	FFP	FFP	FFP	FFP
Illuminated reticle	Yes	Yes	Yes	Yes	Yes	Yes
Tub diameter (mm)	35	30	35	35	35	40
Click value /100m	<b>0.1mrad</b>	<b>0.1mrad</b>	1/4MOA or <b>0.1mrad</b>	<b>0.1mrad</b> or 1/4MOA	1/4 MOA or <b>0.1mrad</b>	<b>0.1mrad</b> or 1/4 MOA or 1/8 MOA
Parallax-free	fixed 100m	fixed 100m	50m-infinity	40m-infinity	50m-infinity	7m-infinity
Length (mm)	255	360	350	365	415	404
Weight (g)	670	620	845	1000	1000	1250

Tactical scopes with 1cm/100m



# SPECIAL TACTICAL SCOPES CHARACTERISTICS

Model Order code	4-28x50 RECON 1805689980	5.8-40x56 1805949970	12-52x56 TERMINATOR 1805929990
Magnification	4-28x	5.8-40x	12-52x
Objective diameter (mm)	50	56	56
Field of view (degrees)	5.6-0.82	3.9-0.57	1.9-0.45
Exit pupil diameter (mm)	7-1.8	6.7-1.4	3.6-1.1
Eye relief (mm)	80-95	80-95	75-90
Diopter compensation (dpt)	-3/+3	-3/+3	-3/+3
Focal plane	FFP	FFP	SFP
Illuminated reticle	Yes	Yes	Yes
Tube diameter (mm)	40	40	40
Click value /100m	0.1mrad or 1/4MOA or 1/8MOA	0.1mrad or 1/4MOA or 1/8MOA	1/4 MOA
Parallax-free	8m-infinity	7m-infinity	7m-infinity
Length (mm)	367	410	410
Weight (g)	1120	1270	1370



4-28x50 RECON



5.8-40x56 CUSADER



12-52x56 TERMINATOR



# TACTICAL SCOPES CHARACTERISTICS

Model Order code	3x25 roof prism 1805469960	4x24 M1 1805439990	6x30 1805309990	1.5-8x26 1805829970	2-12x36 1805769990
Magnification	3x	4x	6x	1.5-8x	2-12X
Objective diameter (mm)	25	24	30	26	36
Field of view (degrees)	6	6	4	14.2-2.7	9-1.8
Exit pupil diameter (mm)	8	6	5	9.5-3.25	11.4-3
Eye relief (mm)	72	70	70	77	90
Diopter compensation (dpt)	-3/+3	-4/+4	-4/+4	-3/+3	-3/+3
Focal plane	FFP	FFP	FFP	SFP/FFP	SFP
Illuminated reticle	Yes	Yes	Yes	Yes	Yes
Tub diameter (mm)	30	30	30	35	35
Click value / 100m	BDC .223	BDC .223 or BDC .308	BDC .223 or BDC .308	BDC .308	BDC .308
Parallax - free	fixed 100m	infinity	infinity	fixed 100m	fixed 100m
Length (mm)	150	330	320	235/250	305
Weight (g)	450	450	480	670	800

3x25



1.5-8x26



2-12x36





# BENCHREST SCOPES CHARACTERISTICS

The new 9-36x44 Spyder is the most compact high power scope on the market and is loaded with very attractive features: HDF Low dispersion glass from Schott, Germany to insure superior clarity, resolution and color rendition. Light transmission (brightness) is fantastic as well, making this scope an excellent choice for low light applications. Parallax (focus) adjustment range is from 25 Feet to Infinity. Yes, 25 Feet not yards. Target knobs with protective caps, precise 1/4 MOA clicks, full 25 MOA for each complete turn, 80 MOA total vertical adjustment, illuminated new Xtreme X1 reticle, a 4 inch sunshade and to top it off, a set of premium tactical rings of your choice. This versatile scope could be used very successfully for benchrest competition, Tactical shooting, F-class, Varmint hunting, and extreme long range shooting to 1000 yards and over. With this scope, you can leave your spotting scope home. You will be able to see better with your 44mm objective riflescope than with most 60mm-80mm objective spotting scopes.

Legendary repeatability and resolution. You asked for it, you got it. 30mm tube, 42mm objective, newly designed worm drive side focus, 1/8" click adjustments and our new BR-8 dot reticle, designed in 1 MOA and 1/2 MOA increments. This new reticle has a small floating target dot in the center. Oversized ocular with real +/- diopter adjustment, features long eye relief and fast focusing of the reticle image. Top end super compressed Glass from Schott, Germany, with the finest broad band fully multicoating technology. This scope will present you with the finest optical and mechanical performance. The image and repeatability are unmatched. Reticles available: - BR-8 with MOA tick marks and 1/8 floating center dot - Fine crosshair

Model	9-36x44 SPYDER	36x42
Order code	1805449930	1805729990
Magnification	9-36x	36x
Objective diameter (mm)	44	42
Field of view (degrees)	2.4-0.6	0.638
Exit pupil diameter (mm)	3.65-1.22	1.17
Eye relief (mm)	75-90	83.5
Diopter compensation (dpt)	-3/+3	-2/+2
Focal plane	SFP	SFP
Illuminated reticle	No	No
Tub diameter (mm)	35	30
Click value / 100m	1/8 MOA	1/8 MOA
Parallax-free	8m-infinity	25m-infinity
Length (mm)	370	380
Weight (g)	900	700



36x42



9-36x44



# 1-10x26 TACTICAL SCOPES CHARACTERISTICS

1-10x26 Tactical scopes

Our new ELIMINATOR FFP/SFP dual reticle tactical scope covers all your tactical bases! True 1x for "both eyes open" CQB applications with bright orange illuminated center dot, placed in the second focal plane and a MIL based MP-8 XTERME X1 type reticle illuminated in green, placed in the 1st focal plane. This new design allows a crystal clear image of the center dot and a very fast projection on the target @1x. As magnification is increased, the FFP MP-8 Xtreme reticle becomes more visible and ready for long range engagements. At 10x the exceptional image quality offered by this scope, makes 1000 m targets easy to see and reach. Low light optical performance is excellent as well. Other features include: short, compact size, side focus adjustment, diopter adjustment, secondary point of impact indicator with lock, 100 clicks per revolution (0.1 MRAD clicks), zero stop and rezero settings, waterproof, fogproof.

Model Order code	1-10x26 PREDATOR 180589990	1-10x26 1805899910	1-10x26 1805899930
Magnification	1-10x	1-10x	1-10x
Objective diameter (mm)	26	26	26
Field of view (degrees)	16.6-2	16.6-2	16.6-2
Exit pupil diameter (mm)	8.6-2.6	8.6-2.6	8.6-2.6
Eye relief (mm)	83-90	83-90	83
Diopter compensation (dpt)	-3/+3	-3/+3	-3/+3
Focal plane	With 2 reticle one in FFP and one in SFP	SFP	FFP
Illuminated reticle	Yes	Yes	Yes
Tube diameter (mm)	35	35	35
Click value /100m	0.1mrad	0.1mrad	0.1mrad
Parallax-free	6m - infinity	fixed100m	fixed100m
Length (mm)	297	294	289
Weight (g)	940	770	870





# 1-10x26 PREDATOR TACTICAL SCOPES



1-10x26 Predator



# 3-25x50 SCOPE

Our 2015 new models feature 50mm objectives and multi-coated lenses, providing the superior resolution necessary to distinguish fine detail at extremely long ranges.

An adjustable system allows extra-fine focus to adjust parallax from 10 m to infinity.

Target adjustments are calibrated in true .100 MOA (0.1 mrad. click) values.

The eyepiece provides fast reticle focusing, and a glass-etched illuminated reticle provides optimum image/reticle contrast under virtually any lighting conditions.

Our patented **D.Z.** system allows you to return to your TWO established zero points at any time.



### TECHNICAL CHARACTERISTICS

Magnification: .....	3 ... 25x
Objective diameter: .....	50 mm
Field of view: angular .....	6.7° / 0.8
linear .....	11.6 ... 1.40 m / 100 m
Exit pupil diameter: .....	7 ... 2 mm
Eye relief:.....	90 mm
Dioptic compensation:.....	± 4 dpt
Adjustment range: elevati.....	100 MOA
windage .....	± 25 MOA
Click value:.....	0.1 mrad
Parallax correction: .....	10 m ... infinity
Battery type:.....	3V CR 2032
Tube diameter: .....	35 mm
Length:.....	335 mm
Reticle type: .....	illuminated reticle in FFP / MIL

**D. Z. D.**  
DUAL ZERO POSITIONS  
ZERO HOLD  
DIGI ILLUMINATING SYS.





# NEW SCOPES

MODEL	2-16x36		2-16x42		3-25x50		5-40x56		
	FFP, MIL/MIL		SFP, HUNTING		FFP, MIL/MIL & MOA/MOA		FFP, MIL/MIL & MOA/MOA		
Magnification	2 ... 16x		2 ... 16x		3 ... 25x		5 ... 40x		
Objective diameter	36 mm		42 mm		50 mm		56 mm		
Field of view	angular	10° ... 1,25°		10° ... 1,25°		6,67° ... 0,81°		4,15° ... 0,51°	
	linear	17,5 ... 2,2 m/100m		17,5 ... 2,2 m/100m		11,64 ... 1,41 m/100m		7,25 ... 0,9 m/100m	
Eye relief	85 ... 95 mm		80 ... 90 mm		85 ... 95 mm		85 ... 95 mm		
Adjustment range	elevation	140 MOA		125 MOA		100 MOA		125 MOA	
	windage	± 25 MOA		± 25 MOA		± 25 MOA		± 25 MOA	
Click value	0,1 mrad		1cm/100m		0,1 mrad/ 1/4 MOA		0,1 mrad/ 1/4 MOA		
Parallax correction	7 m ... infinity		7 m ... infinity		10 m ... infinity		7 m ... infinity		
Dioptric compensation	± 3 dpt		± 3 dpt		± 3 dpt		± 3 dpt		
Tube diameter	35 mm		35 mm		35 mm		40 mm		
Illumination system	Digital / 10 levels		Digital / 10 levels		Digital / 10 levels		Digital / 10 levels		
Battery type	3V CR 2032		3V CR 2032		3V CR 2032		3V CR 2032		
Length	306 mm		320 mm		335 mm		397 mm		
Weight	825 g		870 g		1050 g		1250 g		
Reticles	MP-8 X treme Mod		Hunting <sup>IOR</sup>		<b>MIL reticles:</b>		<b>MIL reticles:</b>		
					MP-8 X treme Mod		MP-8 Classic		
					MP-8 SHX				
					<b>MOA reticles:</b>		<b>MOA reticles:</b>		
				MP-8 SHX		MP-8 SHX			



# 2-16x42/IL SCOPES

New Scopes

MODEL		2-16x42
		<b>FFP, MIL/MIL &amp; MOA/MOA</b>
Magnification		2 ... 16x
Objective diameter		42 mm
Field of view	angular	10° ... 1,25°
	linear	17,5 ... 2,2 m/100m
Eye relief		85 ... 95 mm
Adjustment range	elevation	125 MOA
	windage	± 25 MOA
Click value		0,1 mrad/ 1/4 MOA
Parallax correction		7 m ... infinity
Dioptric compensation		± 3 dpt
Tube diameter		35 mm
Illumination system		Digital / 10 levels
Battery type		3V CR 2032
Length		325 mm
Weight		990 g
Reticles	<b>MIL reticles:</b>	
		MP-8 SHX ill. central dot
		MP-8 SHX ill. central cross
	<b>MOA reticles:</b>	
	MP-8 Classic	



**D. Z. D.**  
 DUAL ZERO POSITIONS  
 ZERO HOLD  
 DIGI ILLUMINATING SYS.



2-16x42/IL





# 5-25x56/IL SCOPES



**D. Z. D.**  
 DUAL ZERO POSITIONS  
 ZERO HOLD  
 DIGI ILLUMINATING SYS.



5-25x56/IL



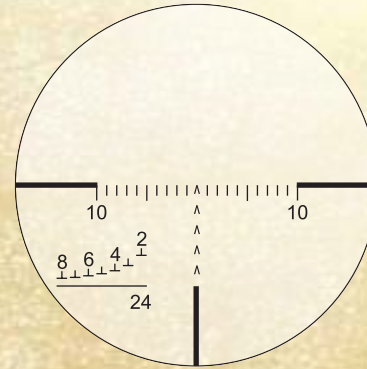
<b>MODEL</b>		<b>5-25x56</b>
		<b>FFP, MIL/MIL</b>
Magnification		5 ... 25x
Objective diameter		56 mm
Field of view	angular	4,75° ... 0,97°
	linear	8,3 ... 1,69 m/100m
Eye relief		85 ... 95 mm
Adjustment range	elevation	100 MOA
	windage	± 25 MOA
Click value		0,1 mrad
Parallax correction		15 m ... infinity
Dioptric compensation		± 3 dpt
Tube diameter		35 mm
Illumination system		Digital / 10 levels
Battery type		3V CR 2032
Length		369 mm
Weight		1200 g
Reticles		MP-8 X treme Mod

New scopes

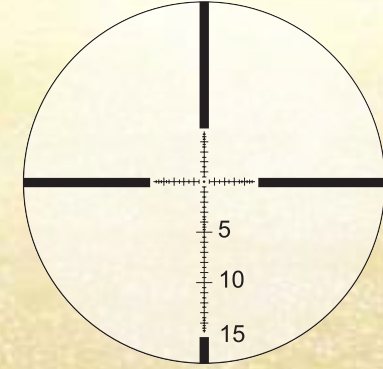


# TACTICAL RETICLE

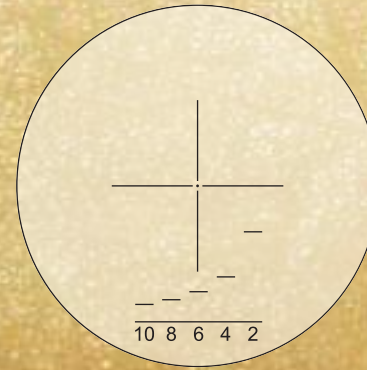
Scope type	Reticle type	Scope order code
1x/4x32	MP8-T3	1805739960
1x/6x30	MP8-T4	1805909990
1-10x26	SHX	1805899930
	SHX	1805899910
	DOT+SHX	1805899990
1.5-8x26	SHX	1805529960
	MP8-T1 / MP8-T2 / SHX	1805529980
2-12x36	MP-8	1805769970
2.5-10x42	MP8 /SH	1805629980
3-18x42	SH	1805659980
	SH	1805659980
3.5-18x50	SHX /SH	1805889970
	SH	1805889980
	SH	1805889960
4-14x50	MP-8	1805649990
6-24x50	SH	1805589940
	MP-8	1805589980
6-24x56	SH	1805839960
	SH / SHX	1805839990
4-28x50	SHX	1805689970
	SHX / SH	1805689980
9-36x44	SH	1805449930
9-36x56	SH	1805449970
	SH	1805449980
5.8-40x56	SHX	1805949970
	SHX	1805949990
12-52x56	SHX	1805929990



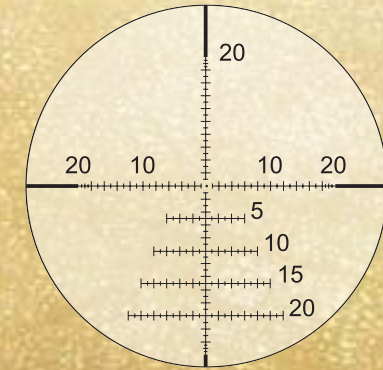
Reticle Dv



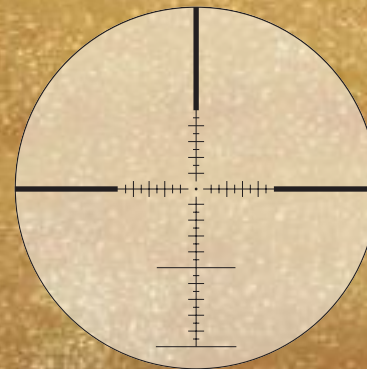
Reticle SH



Reticle Dn



Reticle SHX



Reticle MP8



Reticle MP-8T



# HUNTING RETICLE

The reticle is the scope's internal aiming device.

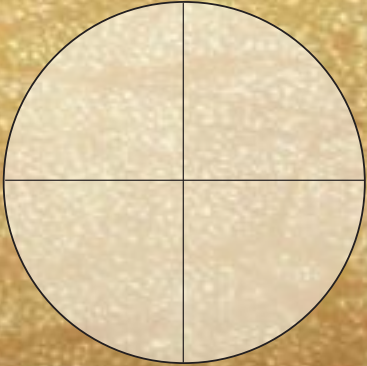
In the IOR scopes it is supplemented by an additional illumination unit, adjustable to different levels of intensity. Illuminated reticles facilitate quick target acquisition when drive hunting or targeting in poor light conditions.

The IOR reticles offer the right solution for every shooting situation.

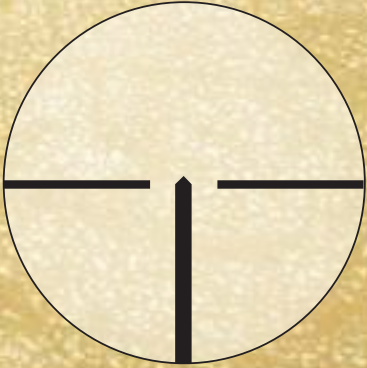
The reticles are located in the 1-st image plane or in the 2-nd image plane.

All IOR riflescope reticles feature accurate windage and elevation adjustment.

**Cross**



**1A**



**4A - D**



**4A**



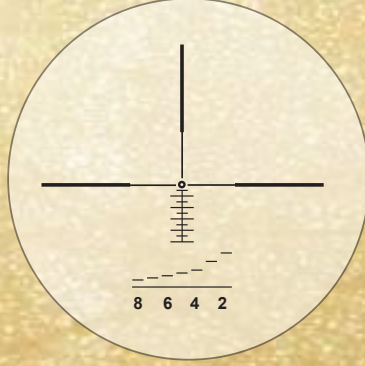
**7A - D**



**7A**



**HR 5**



**varmint**





# RED DOT SIGHT

- IOR's advanced Reflex Sight - RV 2 offers shooters the perfect combination of speed-with-precision shooting.
- The product was developed for use in both-eyes-open Close Quarter Battle situations.
- The RV-2 is made for a faster aiming of the targets from the tactical field. The device fits up the assault weapons used in the close fight, narrow places , buildings, and is destined to the police troupes and special forces.
- In combination with the night vision monocular, it might be used in low light conditions.
- The lighted point, projected by the sight, is perceived only by the shooter eye being undetectable from the target.



RV-4



RV-2

- IOR's advanced Reflex Sight - offers shooters the perfect combination of speed-with-precision shooting.
- The product was developed for use in both-eyes-open
- Close Quarter Battle situations.
- The vertical (elevation) and horizontal (windage) adjustments for the Sight can be achieved by turning the windage and elevation adjustment mechanisms.
- Each click equals 1 MOA.



RDS



Model	RV-1	RV-2	RV-4	RV-6	RDS	Mini RDS
Magnification	1x	1x	1x	1x	1x	1x
Window utile diameter (mm)	30	25	32	32	30	20
Type of reticle	DOT	DOT	DOT	DOT	DOT	DOT
Dot size	4MOA or 6MOA	3.5MOA	4MOA or 7MOA	4MOA or 7MOA	4MOA	4MOA
Click value	1 MOA	1 MOA	1/2 MOA	1 MOA	0.1mrad	0.1mrad
Power supply	1x3.6V Lithiu	1x3V CR2032	1x3V CR2	1x3V CR2032	1x3V CR2032	1x3V CR2032



# RINGS FOR TURRETS

Caliber	.50 BMG		.338 Lapua		.338 Lapua – 300 Sierra		.308 Win			0.223				
Elevation adjustment	100 click		100 click		100 click		100 click		80 click	50 click	100 click		80 click	50 click
Turret ring	0.1	¼	0.1	¼	0.1	¼	0.1	¼	0.1	0.1	0.1	¼	0.1	0.1
Type of scope	mrad	MOA	mrad	MOA	mrad	MOA	mrad	MOA	mrad	mrad	mrad	MOA	mrad	mrad
1x/4x32										•			•	
2.5-10x42 FFP/MIL											•			•
4-14x50 SFP/MIL	•		•		•		•				•			
4-14x50 SFP/MOA		•		•		•		•				•		
6-24x50 SFP/MIL	•		•		•		•				•			
6-24x50 SFP/MOA		•		•		•		•				•		
6-24x56 FFP/MIL	•		•		•		•				•			
6-24x56 FFP/MOA		•		•		•		•				•		
9-36x56 FFP/MIL	•		•		•		•				•			
12-52x56 SFP/MOA		•		•		•		•				•		
3-18x42 FFP/MIL	•		•		•		•				•			
3-18x42 FFP/MOA		•		•		•		•				•		
3.5-18x50 FFP/MIL	•		•		•		•				•			
3.5-18x50 FFP/MOA		•		•		•		•				•		
3.5-18x50 SFP/MOA		•		•		•		•				•		
4-28x50 FFP/MIL	•		•		•		•				•			
5.8-40x56 FFP/MOA		•		•		•		•				•		
1-10x26 FFP/MIL										•				•

Custom shop



Turrets rings for Terminator 12-52x56 and Crusader 5.8-40x56



# SCOPES MOUNTS

Product name	Order code
EAW-Rem 700/30	1638 21 999 0
EAW-Win 70/30	1638 24 999 0
EAW-Mauser 98/30	1638 27 999 0
EAW-FN-BAR/30	1638 29 999 0
EAW-Rem 7400/30	1638 31 999 0
QD-M/30	1638 35 999 0
QD-M-Rem 700/30	1638 35 999 0
QD-M-Win 70/30	1638 35 997 0
QD-M-Mauser 98/30	1638 35 996 0
Special (for PSL and AK)	1638 38 999 0
EAW-Rem 700-L/30	1638 40 999 0
QD-H levier	1638 41 999 0
HD-M/30	1638 43 998 0
HD-M/1"	1638 43 999 0
QD-M-Brow. A	1638 44 999 0
HD-W	1638 45 999 0
HD-H/30	1638 46 999 0
Special M (for PSL and AK)	1638 47 999 0
HD-L/CR	1638 48 999 0
QD-M/Savage/30	1638 50 999 0
HD-35mm	1638 52 999 0
HD-M/30 (steel)	1638 59 999 0
HD-H (Al)	1638 64 999 0
HD-CR L (steel)	1638 65 999 0
HD-M/35 (steel)	1638 68 999 0
HD-H/35 (steel)	1638 69 999 0
HD-L/40 (steel)	1638 76 998 0
QD-H/35 (steel)	1638 70 999 0
QD-NH/35 (steel)	1638 75 999 0
HD-W-L/35 Mount (Steel) 6 screws	1638 68 994 0
HD-W-M/35 Mount (Steel) 6 screws	1638 68 997 0
HD-S (Spherical - Al)(34/35/36mm)	1638 60 998 0
HD-S/40 (Spherical - Al)	1638 60 994 0
HD-L/40 - 40 MOA inclination	1638 83 999 0
HD-M/35 - 30 MOA inclination	1638 83 997 0
HD-L/35 - 20 MOA inclination	1638 83 998 0
Special 40mm Sys.	1638 77 999 0

A solution for scope mounting situation. With a huge variety of mounting systems, for nearly every type of firearm under the sun, you're sure to find the perfect match for your firearm, and your style of shooting. We are offering:

- Heavy Duty rings for 30mm , 35mm and 40mm in diameter;
- Quick Detach rings for 30mm and 35mm;
- Special rings



The IOR Tactical QD rings are very strong and very reliable. Unlike the cheaper copies on the market, our rings have steel crossbolts, and 4 T-15 torx screws each and will have no chance to slip or come loose on the base, or the scope tube to slide inside the ring. The lever is spring loaded to allow for 6 reindex positions. Height is 3/8 inch from the top of the base to the bottom of the ring. Will mount on any Weaver or 1913 Picatinny base.



# SCOPES BASES

Product name	Order code
M16 (ARMS 2)	1638 16 997 0
MAUSER 98	1638 34 993 0
WIN 70 ( set of 2 pcs.)	1638 34 994 0
REM 700 (set of 2 pcs.)	1638 34 995 0
BROWNING	1638 44 997 0
R700/SB-FID (steel)	1638 45 993 0
R700/SB (steel)	1638 45 993 0
R700/LB (steel)	1638 45 994 0
SAVAGE (set of 2 pcs.)	1638 50 998 0
W-70 with inclination	1638 56 998 0
W-70 with escape	1638 56 999 0
ARMS 5	1638 57 999 0
SAKO STD (set of 2 pcs.)	1638 71 998 0
SAKO SDS (set of 2 pcs.)	1638 71 999 0
H-V Base	1638 72 999 0
Benelli Picatiny Rail (steel)	1638 89 999 0
Browning Picatiny Rail (Steel)	1638 89 999 0
Blaser R8 Additional Picatiny Rail	1638 89 998 0
Blaser R93 Additional Picatiny Rail	1638 89 998 0
SAKO SDS Picatiny Rail	1638 71 997 0

Rail Pattern: MIL-STD 1913 PICATINNY;  
 Base attachment: clamping foot with metal wing nuts;  
 Windage: 1 click=3/4 MOA;  
 Elevation: 0 to 33 MOA;  
 Length of top rail: 150mm;  
 Length of bottom rail: 65mm;  
 Length max.: 200mm;  
 Width max.: 30mm;  
 Height max.: 50mm;  
 Material: Aluminum & Steel;  
 Treatment: Hartcoa anodized & QPC  
 Color: Black

## BASE H-V



Elevation: 3	3MOA
6	6MOA
10	10MOA
16	16MOA
24	24MOA
33	33MOA



## STANDARD Picatiny

Our standard Picatinny 1913 Mil-Spec rails have "0" MOA forward incline and are available for Remington, Winchester, and Savage. Remington 700 is available in long and short action, Winchester 70 in short action and the Savage fits the new Accu-Trigger dual round top .308 action.

## SAKO SDS

Rail Pattern: MIL-STD 1913 PICATINNY;  
 Base attachment and length of base: according SAKO gun  
 Material: Steel  
 Color: Black







# NIGHT VISION DEVICE

A night vision device (NVD) is an optoelectronic device that allows images to be produced in levels of light approaching total darkness.

The image may be a conversion to visible light of both visible light and near-infrared, while by convention detection of thermal infrared is denoted thermal imaging. The image produced is typically monochrome, e.g. shades of green.

NVDs are most often used by the military and law enforcement agencies, but are available to civilian users. The term usually refers to a complete unit, including an image intensifier tube, a protective and generally water-resistant housing, and some type of mounting system.

Many NVDs also include optical components such as a sacrificial lens,[1] or telescopic lenses or mirrors. An NVD may have an IR illuminator, making it an active as opposed to passive night vision device.



NIGHT VISION MONOCULARS	MVN-1	ENOT	ENOT+Ad. 4x
Magnification	1x	1x	4x
Field of view (degrees)	40°	50°	8
Parallax adjustment	250mm-infinity	250mm-infinity	15m-infinity
Exit pupil (mm)	8	6	6
Eye relief (mm)	25	20	20
Eyepiece adjusting range (dpt)	-4 / +4	-4 / +4	-4 / +4
Illuminated reticle	-	DOT	DOT
Power source	1x3.6V Lithiu-AA or 1x1.5 V-AA or 1x1.2/2700mAh-AA		
Weight (g)	340	330	1050*

\* including: ENOT, Adapter 4x, Base for ENOT, Base H-V



MVN-1



# NIGHT VISION DEVICE

***Our products are turning night into day!***

## **Night Vision Scopes**

**IOR S.A. prides itself as an industry leader in Romania for night vision scopes.**

**Designed to be mounted on the weapon and used as an aiming system IOR S.A. night vision scopes will benefit Military Snipers and Law Enforcement. IOR S.A. Night Vision Riflescopes are a fully dedicated night vision scopes made for military. IOR scopes come with outstanding Components and Construction and offer an array of choices for Image Intensifier Tubes, titanium mounting systems, windage and elevation adjustments, standard target turrets, rail for add-on lights, lasers, back-up sights and MIL-Dot reticle just to name a few.**



<b>NIGHT VISION RIFLESCOPE</b>	<b>LON-3x</b>	<b>LON-4x</b>	<b>LON-6x</b>
Magnification	3x	4x	6x
Field of view (°)	10,4°	9°	6,5°
Parallax-free	15m - infinity	9m - infinity	15m - infinity
Exit pupil diameter (mm)	8mm		
Eye relief (mm)	40	30	30
Eyepiece adjusting range (dpt)	-4 / +4		
Click value	1 MOA	1/2 MOA	1/2 MOA
Power source	1x3.6V Lithiu-AA or 1x1.5V-AA or 1x1.2/2700mAh-AA		
Weight (g)	990	1300	1500



# NIGHT VISION DEVICE



### Night Vision Monocular Mini

Since introduction of Night Vision night vision monoculars found a place among most popular night vision devices. A good quality night vision monocular is a "must have" item in the arsenal of military man. IOR S.A. offers night vision monoculars with 1x and 4x magnification, which can be used as viewer or as aiming apparatus.

### Night Vision Goggle

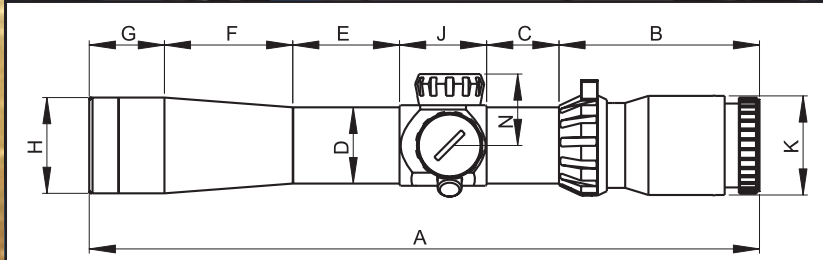
IOR S.A. is famous for producing night vision goggle that work in the harshest environments.

NIGHT VISION SYSTEM	OVN-5X Binoculars	OVN-6X Binoculars
Magnification	5x	6x
Field of view (degrees)	8	6.7
Parallax adjustment (m)	9m÷	15÷
Exit pupil (mm)	14...20mm	
Eye relief distance (mm)	56-76mm	
Eyepiece adjusting range (dpt)	± 4	
Power source	1x 3.6V-AA 1 x 1.2V-AA	
Weight (g)	1100	1200



NIGHT VISION SYSTEM	MVN-4X
Magnification	4x
Field of view (degrees)	8
Parallax adjustment (m)	15
Exit pupil (mm)	6
Eye relief distance (mm)	20
Eyepiece adjusting range (dpt)	± 4
Power source	1 x 3.6V-AA; 1 x 1.5V-AA
Weight (g)	1050





	Product	A	B	C	D	E	F	G	H	J	K	N
<b>Tactical</b>	3X25 roof prism	150								76		
	6X42	350	90	62	30	75	47	41	47	35	45	45
	1X/4X32	185	86	19	35	43	0	0	35	37	46	42
	1X/6X30	217	90	29	30	36	8	19	35	35	46	44
	1-10X26	290	81	58	35	76	0	31	36	44	45	47
	1-10X26	294	81	62	35	76	0	31	36	44	45	47
	1-10X26	297	81	49	35	62	0	31	36	74	45	48
	1.5-8X26	255	92	31	35	91	0	0	35	41	38	46
	2-12X36	305	90	32	35	53	59	33	44	38	44	41
	2.5-10X42	350	92	57	30	67	60	36	49	38	44	43
	3-18X42	337	77	25	35	77	59	40	49	59	45	49
	3.5-18X50	365	80	47	35	40	96	43	58	59	44	48
	4-28X50	367	85	61	40	45	90	38	56	48	46	54
	4-14X50	375	101	69	40	56	60	39	58	50	48	51
	5.8-40X56	410	85	61	40	50	100	66	62	48	46	54
	6-24X50	420	101	64	35	84	68	45	58	58	44	46
	6-24X56	415	101	64	35	84	66	42	58	58	44	46
	9-36X56	404	90	57	35	81	86	40	66	50	44	46
	9-36X44	370	96	65	35	50	91	37	50	31	46	47
	10X42	343	81	72	30	54	42	43	48	51	48	46
10X56	350	89	52	30	49	72	48	64	40	45	46	
12-52X56	410	97	52	40	57	104	38	66	62	48	52	
16X42	345	82	72	30	54	42	43	48	52	48	46	
16X56	350	75	49	35	58	45	65	66	58	48	48	
<b>Hunting</b>	4X32	300	96	65	26	43	27	42	38	27	40	22
	6X42	350	91	62	30	72	47	42	48	36	45	22
	10X56	350	89	54	30	49	71	47	63	40	45	31
	1X/4X32	185	86	19	35	43	0	0	35	37	46	33
	1X/6X30	215	90	31	30	39	4	18	35	33	46	36
	1.5-8X30	276	86	54	30	47	18	32	37	39	42	34
	2.5-10X56	370	102	53	30	50	96	25	66	44	48	33
	4-14X56	385	99	70	30	47	95	30	66	44	31	44
4-16X50	380	93	61	30	45	77	41	62	63	45	43	
6-24X50	417	102	70	30	72	78	42	60	53	48	34	
<b>BDC</b>	3X25 roof prism	150								76		
	4X24M1	330	83	28	35	104	0	30	42	85	38	46
	6X30	320	152	22	35	88	0	0	40	58	30	36
	6X30	320	152	22	35	88	0	0	40	58	30	36
	1.5-8X26	237	80	29	35	91	0	0	35	37	44	41
	1.5-8X26	246	89	29	35	91	0	0	35	37	44	41
	2-12X36	305	90	32	35	53	60	33	44	37	44	41
<b>Competition</b>	9-36X44	372	96	65	35	50	91	39	50	31	46	47
	36X42	382	75	72	30	67	65	46	49	57	41	45



**EXTREME ENVIRONMENTS  
NEED**

**IOR S.A. PERFORMANT OPTICS**



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phone: +400213244261



**THE ROMANIAN AUTHORITY IN OPTICS**