

Optisan[®]
Japan's Secret Optics



Viper
SERIES

The most versatile scope

An impressive and sophisticated package
combines features with practicality

Viper

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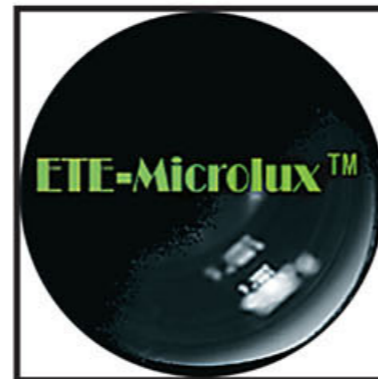


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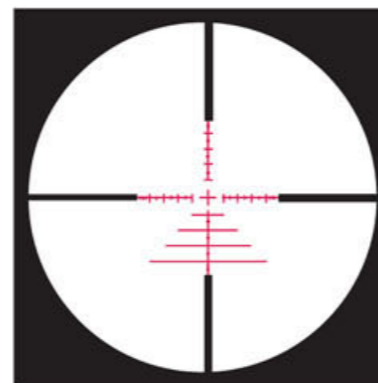
ETE-Microlux™ Fully Multi-coated Optics

All air-to-glass surfaces are ETE-Microlux™ coated to maximize light transmission through the objective to your eye, creating pin-sharp image with no distortion from infinity down to 10 yards. These high quality lenses and 30mm tube provide stunning low light performance.



UNIQUE MTC-SCB Reticule

The most accurate small caliber reticule available, designed by Sammie & Gary Cooper, former UK & Polish ladies and gents HFT Champion and hunting professionals. Modern and modified mil-dot pattern in a ladder reticule provides a fast and efficient method of determining holdover as well as range. Precision is guaranteed by the incredible amount of aim points with a floating cross for clear and accurate target acquisition.



Patented MTC-SCB reticule

(For detailed MTC-SCB reticule info, please refer to p.17)
(Pat. Pending)

Patented PUSH/PULL Lockable Turret

This gives the security of a covered turret with the ease of use of a target turret. Pull up to turn, push in to lock. The zero labeling is equally as easy to use, ease off the thumbwheel and turn the number fascia, lock it off again and your own zero is set without the need for tools or tiny grub screws. All-easy-finger-adjustable, impossible to turn by accident, and easy to check, allow the ultimate trust in your scope.



Patented Push/Pull Lockable zero-resettable Turret

(Pat. No. 200510033684.6, 200520054502.9)

The Viper offers the ultimate versatility whenever precision is required, from hunting to target the Viper fits the bill. Incorporating a 30mm, one-piece body tube with lockable target turrets, side parallax and an illuminated SCB reticule it offers rugged strength, attractive "tactical" looks and pin-point accuracy. Carefully designed free accessories include innovative metal flip-up lens covers, quality scope rings, touch friendly attachable side-wheel and removable sunshade.

Patented Side PA/ Side Illumination

Reticule illumination is by a dial on the outer edge of the side-PA turret, giving the ultimate in ease of finding. The 11-step rheostat is a real aid to optimum performance when shooting in low light conditions all the way through dusk to daylight. A knurled ring adjusts the parallax, removing accuracy errors caused by inconsistent eye-to-scope alignment (Parallax error). This is easily reached by your left hand left hand, which is far preferable to the old fashioned front PA.

(Pat. No. 200520119480.X)



Patented Side parallax integrated with illumination

Ergonomic Slide-on Hunting Sidewheel

For hunting in the dark, or with large gloves in winter a slide on large side-wheel is included free of charge. On higher magnifications this can be used as an aid to range-finding by reading off the parallax setting. The design still gives you full access to the reticule brightness adjustment, while the side-wheel is honeycombed to minimize weight.

270° Angle-adjustable Metal Flip-up Lens Covers

Removable metal flip ups are attached to the front and rear housing as standard, with O-ring seals to offer maximum protection from dirt, water and impact. 270° Angle-adjustable for convenience.

(Pat. Pending)



270° Angle-adjustable Metal Flip-up Lens Covers



Viper 10X44

Ideal scope for tactical applications, daytime hunting or Hunter Field Target. Fixed magnification optimizes optical quality and repeatability, while the SCB reticule aiming marks are preset at 10X to correspond to true mil dot spacings.

Viper 2.5-10X50

This is a compact, low to medium magnification scope with a big front lens, offering extreme performance when in low light hunting situation combined with the option of going up to the popular x10 setting to utilize the true mil dots. 2.5X mag gives you full control in close range when confronting big game, while turning up to 10X allows precision shot placement at distance. Add this to the 11-step illumination you have a scope for every light condition that stops the hunter from becoming the hunted.

Viper 3-12X44

This mid range scope with wide magnification range satisfies most hunting and sport to medium range target applications. The 3X lower magnification is superb for close range or low light hunting, or at night with a lamp, while x12 magnification allows medium range varmint / long range larger animal hunting or medium range target shooting.

Viper 4-16X50

Our best selling all round scope, with supreme versatility for almost any shooting application. From up close and personal on x4 to long range varmints on x16, this scope will satisfy the most demanding shooter. From wide field of view speed to large magnification precision, edge-to-edge **EYE-Microlux™** fully-multi-coated optics give superb performance in shooting ranges and both daylight and low light conditions.

Viper 6-24X56




An awesome long range day/night hunting scope is equally at home on the target range. Delighted customers across the world have used these from every application from long range ground squirrel in the USA to deerstalking in the Scottish highlands, from 25m Benchrest targets to 1,000 yard sniper competitions.

Viper 8-32X60

Designed as the ultimate long range daytime target scope, the 8-32 has also found favor with long range varminters as well. The addition of a (free) 6" sidewheel has also made this scope a popular choice for Field target shooters in Europe and the USA.

Viper SERIES




TECHNICAL DATA

	2.5-10X50	10X44	3-12X44
			
Magnification	2.5-10X	10X	3-12X
Objective Lens Dia.	50mm	44mm	44mm
Linear field of View (ft@100yds)	37.5-9.5	12.5	40-11
Exit Pupil	5-20mm	4.4mm	13-3.6mm
Diopter Adjustment Range (dpt)	-2.5/+2	-2.5/+2	-2.5/+2
Eye relief (inch)	3.2-4	3.3	3.5-3.2
Parallax-free Setting	10yds-∞	10yds-∞	10yds-∞
Adjustment per click (in/100yds)	1/4	1/8	1/8
Max. Windage adjustment range	25'	25'	25'
Max. Elevation adjustment range	25'	25'	25'
Tube Diameter (mm)	30mm	30mm	30mm
Illumination	11-step side illu.	11-step side illu.	11-step side illu.
Length (in/mm)	13.77/350	14.25/362	14.25/362
Weight (oz/g)	25.98/715	23.44/665	24.40/692
Art. No.	37283 (4-plex Dot; Matte Black)	37261 (SCB; Matte Black)	37223 (SCB; Matte Black) 37224 (SCB; Matte Silver)

Optisan reserve the right to modify design for continuous product improvement without prior notice.

Viper SERIES

TECHNICAL DATA

	4-16X50	6-24X56	8-32X60
			
Magnification	4-16X	6-24X	8-32X
Objective Lens Dia.	50mm	56mm	60mm
Linear field of View (ft@100yds)	30-8	20-6	15-4
Exit Pupil	12-5.3mm	8-2.5mm	7.5-2mm
Diopter Adjustment Range (dpt)	-2.5/+2	-2.5/+2	-2.5/+2
Eye relief (inch)	3.5-3.2	3.5-3	3.5-3.2
Parallax-free Setting	10yds-∞	10m-∞	10yds-∞
Adjustment per click (in/100yds)	1/8	1/8	1/8
Max. Windage adjustment range	25'	25'	25'
Max. Elevation adjustment range	25'	25'	25'
Tube Diameter (mm)	30mm	30mm	30mm
Illumination	11-step side illu.	11-step side illu.	11-step side illu.
Length (in/mm)	14.76/375	15.75/400	16.22/412
Weight (oz/g)	26.51/752	28.84/818	29.97/850
Art. No.	37222 (SCB; Matte Black)	37244 (SCB; Matte Black)	37245 (SCB; Matte Black)

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