

optisan[®]
Japan's Secret Optics



Mamba SERIES
The pro-hunter's choice

Low Profile for High Performance



Mamba 1-4x24 SIR



Mamba 1.5-6x42 SIR



Mamba 3-12x44 SFRIR



Mamba 4-16x50 SFRIR

Mamba 1-4X24

This scope is specially designed for dangerous big game hunting, driven hunts, running shots or in confusing target conditions. The shooter is equipped with a superb view of the target by an astounding field of view of 97ft at 100yards at 1X. The true 1X magnification allows the shooter to shoot with both eyes open and assimilate information with both eyes, as opposed to shooting with both eyes open and the brain having to discard the non-scoped image. This both reduces eye fatigue and increases performance.

Mamba 1.5-6X42

An extremely versatile scope suited for large caliber / large animal hunting , this can be turned down to 1.5x where it's excellent depth of field and field of view provide rapid target acquisition on fast or dangerous animals, while the higher magnification provides a solution for longer range stalking. Its large objective lens together with **EYE-Microlux™** coating combined with a precision RIR™ reticle illumination system allow outstanding performance in all light conditions.

Mamba 3-12X44

This mid range scope with wide magnification range satisfies most hunting and short to medium range target applications. The 3X lower magnification is superb for close range, 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.

Mamba 4-16X50

This is our best selling hunting 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.

Gary Cooper UK hunting professional— I have a lot of rifles from .177 air to .308 calibre but only 1 choice of scope. 4–16 Mamba ticks all the boxes.



Mamba SERIES

The pro-hunter's choice

Low Profile for High Performance

Team Optisan contains many passionate hunters so we are particularly proud to introduce the Mamba range that offers them, and you, a purpose built hunting scope. With a wide range of variable magnification as well as the reticule choices they have requested, we are able to offer even the most demanding hunter a scope to suit their every need. Add to this the innovative features combined with a superb accessories package and you have a scope that's impossible to beat for value and performance.

Patented RIR™ Removable IR (appl. 3-12X44 and 4-16X50)

The IR is easy to adjust via a low profile 7-step incremental push-button on top of the eyepiece. The module can be removed and stored, or a spare kept for easy field replacement. Modular design allows replacement of defectives without removing and re-zeroing the rifle. The design also allows removal to fit a night vision add on. Extensive consulting with professional hunters has allowed us to provide the perfect illumination range from 'almost imperceptible' to 'easily seen on in direct sunlight'

(Pat. No.:200610033476.0)



*MemoDuo Red/Green RIR™ available upon request.

Inside the windage cap a storage housing for spare battery to ensure a worry-free dusk or dawn hunt.



Ultra Low Profile Turrets

Ground breaking in its function and a joy to use, they offer ease of use while taking away any chance of knocking or damage in use or transit. These turrets are so discrete that the shooter will forget they are on the scope. Firm and audible clicks with easy finger adjustment topped with zero-resettable plate make these the perfect hunting turret. Worried about a dead battery at a critical time? Not with a Mamba, hidden inside the windage turret cap is a spare battery.



Zero-resettable plate

ETE-Microlux™ Fully Multi-coated

All air-to-glass surfaces are ETE-Microlux™ coated to maximize light transmission from the Objective lens through your eye, creating a pin-sharp, edge to edge distortion free image from infinity down to 10 yards, with incredible low light performance.

Metal Flip-up Lens Covers

Removable metal flip up covers 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)

Choice Of Reticule

We offer a choice of reticules appropriate to the application and scope specification, from target dot to MTC-SCB.



(See p.42 for details)



270° Metal Flip-up Lens Cover

Mamba SERIES

TECHNICAL DATA

	1-4x24	1.5-6x42	3-12X44	4-16X50
				
Magnification	1-4X	1.5-6X	3-12X	4-16X
Objective Lens Dia.	24mm	42mm	44mm	50mm
Linear field of View (ft@100yds)	97-23	72-20	40-11	30-8
Exit Pupil	12mm-6mm	24mm-7.2mm	24mm-7.2mm	12.5mm-3mm
Diopter Adjustment Range (dpt)	-2.5/+2	-2.5/+2	-2.5/+2	-2.5/+2
Eye relief (inch)	3.5-3	4-3.2	3.5-3.2	3.5-3.2
Parallax-free Setting	100yds	100yds	10yds-∞	10yds-∞
Adjustment per click (in/100yds)	1/2	1/4	1/4	1/4
Max. Windage adjustment range	50'	30'	25'	25'
Max. Elevation adjustment range	50'	30'	25'	25'
Tube Diametre (mm)	30mm	30mm	30mm	30mm
Illumination	11-step. side illu.	11-step. side illu.	7-step RIR™	7-step RIR™
Length (in/mm)	11.29/287	12.78/325	14.26/362	14.77/375
Weight (oz/g)	17.70/ 502	21.09/ 598	21.65/ 615	23.55/ 668
Art. No.	37273 (Target Dot; Matte Black)	37274 (Target Dot; Matte Black) 37275 (RAQ; Matte Black)	37276(SCB; Matte Black) 37277(RAQ; Matte Black) 37284(SCB; Matte Silver)	37278 (SCB; Matte Black)

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