

DN 493_6x AGBW

AUTO-GATED BLACK and WHITE
NIGHT VISION RIFLESCOPE



Reticle

The DN 493_6x AGBW auto-gated is Newcon Optik’s next-generation night vision rifle scope. The unit features a manual gain control adjustment, autogating, and a high quality black & white Gen 3 image intensifier tube with minimum exportable FOM >1500. This scope is easy to service and maintain, and presents one of the lowest lifetime costs of ownership among riflescopes in its class. The DN 493_6xAGBW is battle-hardened and ready for deployment in combat or peacekeeping, as well as public and private infrastructure security.

IIT	DN 493_6x AGBW
Generation	3
Photocathode material	GaAs
IIT resolution, minimum (lp/mm)	64
Signal to noise ratio, minimum	25
Auto-gating with black & white phosphor	Yes
Optics	
Magnification (x)	6
Field of view (°)	6.3
Objective F#	2.0
Objective focal length (mm)	165
Focus range (m)	20 to ∞
Eye relief (mm)	50
Diopter adjustment range	-3 to +4
Mechanics, Electronics & Environmental	
Dimensions (mm)	300x98x90
Weight with mount (g)	1,400
Standard mount system	MIL-STD-1913
Built-in IR illuminator	Yes (removable)
Battery type	2x AA
Battery life (hours)	60
Operating temperature range (°C)	-40 to +50
Storage temperature range (°C)	-45 to +55
Waterproofing	MIL-STD-810G
Ballistics	
Reticle pattern	Mil-Dot
Lit reticle	Yes
Adjustable reticle brightness	Yes
Windage adjustment step (MOA)	0.34
Elevation adjustment step (MOA)	0.34

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DELIVERY SET

Supplied with the following standard accessories:

- Soft carrying case
- 2x AA lithium batteries
- Lens cover
- Lens cleaning kit
- Operation manual

OPTIONAL ACCESSORIES



Hard Case



NVS Side Mount



Mounted on Scar Rifle



Mounted on AK Rifle using Side Mount