

DN 493_6x

NIGHT VISION RIFLESCOPE



Reticle

The DN 493_6x is a member of Newcon Optik's next-generation night vision rifle scope series. This 6x magnification rifle scope features a manual gain control adjustment; an advanced Gen 3 image intensifier tube; a MIL-DOT, LED-lit reticle with adjustable brightness; a Picatinny rail mount; removable infrared illuminator; and tactile windage and elevation adjustments. This scope is easy to service and maintain, and presents one of the lowest lifetime costs of ownership among rifle scopes in its class. The DN 493_6x is battle-hardened and ready for deployment in combat or peacekeeping, as well as public and private infrastructure security.

| IIT | DN 493_6x |
|---|---------------|
| Generation | 3 |
| Photocathode material | GaAs |
| IIT resolution, minimum (lp/mm) | 64 |
| Signal to noise ratio, minimum | 25 |
| Optics | |
| Magnification (x) | 6 |
| Field of view (°) | 6.3 |
| Objective F# | 1.20 |
| Objective focal length (mm) | 165 |
| Focus range (m) | 30 to ∞ |
| Eye relief (mm) | 45 to 90 |
| Diopter adjustment range | -3 to +4 |
| Mechanics, Electronics & Environmental | |
| Dimensions (mm) | 310x98x90 |
| Weight without batteries (g) | 1,100 |
| Standard mount system | MIL-STD-1913 |
| Built-in IR illuminator | ✓ (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 |



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| Ballistics | |
|---------------------------------|---------|
| Reticle pattern | Mil-Dot |
| Lit reticle | ✓ |
| Adjustable reticle brightness | ✓ |
| Windage adjustment step (MOA) | 0.34 |
| Elevation adjustment step (MOA) | 0.34 |

DELIVERY SET

Supplied with the following standard accessories:

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

OPTIONAL ACCESSORIES



NVS Cam/Video Adapter



Hard Case



NVS Side Mount



Mounted on Scar Rifle



Mounted on AK Rifle using Side Mount