

NVS 6-3XT

AVIATOR NIGHT VISION IMAGING SYSTEM



Display

NVS 6-3XT ANVIS goggle enables pilots to operate their aircraft in the darkest flight environments. This goggle allows aviators to navigate at the nap of the earth, take off, land and perform other operations that are otherwise impossible at night without the use of a light source.

Adjustable eyepieces provide improved eye relief of up to 25 mm, enabling excellent viewing regardless of the eyepiece positioning. Ergonomically designed interface controls, including interpupillary adjustments and vertical, fore-aft and tilt adjustments, allow improved viewing of the entire system field of view. The lightweight goggle can be mounted on a variety of aviator helmets. Newcon Optik's expert team is able to ensure you select the right goggle for your aircraft and its cockpit lighting system.

| IIT | NVS 6-3XT |
|---|--|
| Generation | 3 |
| Photocathode material | GaAs |
| IIT resolution, minimum (lp/mm) | 64 |
| Signal to noise ratio, minimum | 25 |
| Auto-gating | No |
| Optics | |
| Magnification (x) | 1 |
| Field of view (°) | 40 |
| Objective F# | 1.2 |
| Objective focal length (mm) | 27.5 |
| Focus range (m) | 0.25 to ∞ |
| Eye relief (mm) | 25 |
| Diopter adjustment range | -5 to +2 |
| Objective lens filter | Leaky green (Class C filter) included, Minus blue optional |
| Mechanics, Electronics & Environmental | |
| Dimensions (mm) | 128x120x55 |
| Weight of binocular (g) | 575 |
| Weight of mount (g) | 142 |
| Battery type | 2x AA |
| Battery life, each set (hours) | ≥ 40 |
| Automatic disengagement | 10 to 15G |
| Operating temperature range (°C) | -32 to +52 |
| Storage temperature range (°C) | -40 to +60 |

NVS 6-3XT

AVIATOR NIGHT VISION IMAGING SYSTEM



DELIVERY SET

Supplied with the following standard accessories:

- Padded soft carrying case
- 4x AA battery
- 2x battery cartridges
- Battery pack
- Lanyard
- 2x objective, 2x eye piece lens cover
- Lens cleaning tissue
- Screwdriver (for helmet mounting)
- Counter weight
- Operation manual

ACCESSORIES



Optional NVS G Mount



Optional Hard Case



Delivery Set

