



NVG51

NIGHT VISION GOGGLE/BINOCULAR

The AIMsight NVG51 is a dual-channel night vision system. With a 51° field of view (FOV), it provides a large visual field for the operator, with no need to shift the position of the binoculars. The NVG51 is equipped with advanced, multi-coated optics; with compact composite housing, it's built to stand up to even the most challenging missions and environments. The NVG51 can run up to 20 hours on a single AA alkaline or CR123A battery, and comes with an integral infrared illuminator to enable reading in the dark.



- Redundant dual-tube design
- True stereoscopic vision
- Wide 51° field of view
- Lightweight & compact
- Head- or helmet- mountable for hands-free operation
- Bright light cut-off system
- Ergonomic, simple, easy-to-operate controls
- Built-in Infrared illuminator and flood lens
- Utilizes a single CR123A lithium or AA battery
- Limited two-year warranty



SPECIFICATIONS

| | |
|-----------------------------|------------------------------------------------------------------------|
| Image Intensifier Tube | Gen 2+ or Gen 3 |
| Magnification | 1x (3x optional) |
| Lens System | 19 mm; F/1.26 |
| FOV | 51° |
| Focus Range | 0.25 m to infinity |
| Eye Relief | 17 mm |
| Diopter Adjustment | -6 to +2 dpt |
| Led Indicators | Low battery; IR on; Excessive light conditions |
| Manual Gain Control | Yes |
| Bright Light Cut-Off | Yes |
| Automatic Shut-Off System | Yes |
| Infrared Illuminator | Yes; Two power levels |
| Battery Type | One CR123A (3V) or AA (1.5 V) |
| Battery Life (Operating) | Up to 20 hours at 20°C (up to 80 hrs with optional battery pack) |
| Operating Temperature Range | -40°C to +50°C (-40°F to +122°F) |
| Storage Temperature Range | -50°C to +50°C (-58°F to +122°F) |
| Weight | 615 g (1.35 lbs) |
| Overall Dimensions | 112 × 118 × 74 mm (4.4 × 4.6 × 2.9 in) |

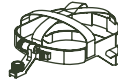
Specifications are subject to change without notice.
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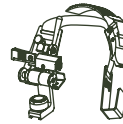
OPTIONAL EQUIPMENT



NVG51 Afocal Magnifier Lens Kit, 3X (2 lenses and addapter)
PART #: ANAF3X0001



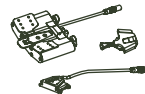
Goggle Kit NVG51
PART #: ANHGXX0002



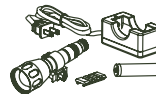
NVG51MP Helmet Mount for MICH and PASGT Helmets
PART #: ANHMXX0005



NVG51S Helmet Mount for Shroud
PART #: ANHMXX0006



NVG51 External Battery Pack Kit
PART #: ANKIXX0002



Sioux850 Long Range Infrared Illuminator with Mount, Dovetail to Weaver Transfer Piece, Rechargeable Battery, and Charger
PART #: AIMKIXLR017



Hard Case
PART #: AIMHC000001



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