



## NIGHT VISION GOGGLES

## NVG7-21A

- HEAD MOUNTED FOR HANDS-FREE USE
- COMPACT AND LIGHTWEIGHT
- INTERCHANGEABLE LENSES FOR DIFFERENT MAGNIFICATIONS
- BUILT IN INFRA-RED ILLUMINATOR

Lightweight, rugged and a top notch performer the NVG-7 is an exceptional choice for hands-free usage. High-resolution image intensifier, auto-brightness, and bright source shut-off. NVG-7 goggles also have a built-in IR for total darkness with indicator ON light within the FOV and flip. One AA, case and manual are included. ATN NVG-7 is an excellent choice for hands-free night vision applications.

### STANDARD ACCESSORIES include:

- Flip-up Head Mount Assembly** - Allows for hands-free operation
- Brow Pads** - Changeable pads for secure head mount fit
- Eye Cups** - Prevents the emission of stray light or facial reflections
- Soft Carrying Case** - Provides convenient storage
- Shoulder Strap** - Attached to the NVG-7 carrying case for easy portability
- Microfiber Lens Cleaning Cloth** - Used to safely clean the objective and eyepiece glass surfaces
- Day Light Filter** - Filters excessive light. Protects objective lens from the elements
- Operator's Manual** - Instructional user's guide
- Batteries** - One (1) 3V Lithium CR123A or one (1) 1.5V AA type.

- Lightweight, compact rugged Goggle system
- Multi-purpose: Hand-held, head-mounted or helmet-mounted
- Comfortable, flip-up headgear
- Multi-coated all-glass optics
- Wide angle infrared illuminator
- Optional 3x, 5x and 10x lenses available
- Water and fog resistant
- Limited Two-Year Warranty

### SPECIFICATIONS

|                              |   |
|------------------------------|---|
| Magnification                | 1x  |
| Lens System                  | F1.2, 26 mm   |
| Proshield Lens Coating       | Yes   |
| FOV                          | 40°   |
| Range of Focus               | 0.25 m to infinity  |
| Diopter Adjustment           | -5 to +5  |
| Controls                     | Digital   |
| Automatic Brightness Control | Yes   |
| Bright Light Cut-off         | Yes   |
| Automatic Shut-off System    | Yes   |
| Infrared Illuminator         | Yes   |
| IR Indicator                 | Yes (in FOV)  |
| Low Battery Indicator        | Yes (in FOV)  |
| Power Supply                 | 1 x 1.5 V AA type battery or<br>1 x 3 V CR123A type battery |
| Battery Life                 | 60 hrs  |
| Environmental Rating         | Weather and fog resistant                                   |
| Operating Temperature        | -40 to +50 °C   |
| Storage Temperature          | -50 to +70 °C   |
| Dimensions                   | 172x62x102 mm / 6.7" x 2.5" x 4"                            |
| Weight                       | 0.45 kg / 0.9 lbs   |

### TUBE SPECIFICATIONS

#### HIGH QUALITY 21A GEN IMAGE INTENSIFIER TUBE

|  |                          |
|--|--------------------------|
| DESCRIPTION                            | Alpha                    |
| GENERATION                             | 2+                       |
| PHOTOCATHODE TYPE                      | Multi - Alkali           |
| RESOLUTION, lp/mm*                     | 40-50                    |
| FIGURE OF MERIT                        | <1000                    |
| MTTF - MEAN TIME BEFORE FAILURE, hours | 5,000                    |
| EXPORT                                 | Dual-use: subject to EAR |

\* Specifications are provided for informational purposes only. Actual values may vary



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