

# Night Vision Binocular TV/NVG-100



## System Features

- **Lightweight, Rugged, Humidity Protected**
- **Head mask for hands free operation**
- **NBC compatible**
- **Build-in IR Illuminator for map reading**
- **Momentary IR switch**
- **IR operation indicator**
- **Low battery indicator**
- **Flip-Up/Flip-Down position**
- **No Interpupillary adjustment required**
- **Built-in sensor for High Light automatic shut down**
- **A-focal Clip-On Objective- x3, x4 and x5**

# TECHNICAL SPECIFICATIONS

## Specifications

- Magnification : x1
- Magnification with x4 Clip-On lens : x4
- Field of View : 40°
- Field of View with x4 Clip-On lens : 10°
- Focus range : 0.25m to infinity
- Focus range with x4 Clip-On lens : 15m to infinity
- Diopter adjustment : -4 to +5
- Exit Pupil/Eye relief : 15mm/15 mm
- Interpupillary Distance : 55mm -73mm fixed
- Standard 18mm Gen2+ (Non-inverting)
- Automatic Brightness Control
- Bright Source Protection
- Goggle weight : 480gr
- Goggle weight with x4 Clip-On Lens : 750gr
- Input voltage : 2.2 to 3.1 VDC
- Battery type : 2x1.5V AA battery (Lithium/Alkaline or rechargeable NiMH)
- Voltage Polarization : Protected
- Electrical switch : OFF/ON/IR
- IR manual control : IR Push button
- IR Operation Indicator : Eyepiece FOV
- Low Battery Indicator : Eyepiece FOV

## Standard Accessories

- Protective eyecups, one for each eye
- Soft carrying case
- Lens cleaning tissue
- Instruction-maintenance manual
- Batteries

## Optional Accessories

- Helmet mount assembly
- Clip on A-focal lenses x3, x4 or x5
- Rugged storage-transportation case

## Environmental Parameters

- Operating Temp. : -45°C to +55°C
- Storage Temp. : -50°C to +60°C
- Immersion : 1m for 30 minute

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