

## ACU-NVB0504: Night Vision Binocular

**Allows vision in absolute darkness with use of built in infrared emitter and light level up to 1 Lux.**

### APPLICABLE ORGANISATIONS

- Law enforcement agencies and Private Investigators for nocturnal covert surveillance, Police Night Vision Equipment.
- Navigation for search and rescue organizations.

### FEATURES

- Pseudo-binocular configuration night vision binoculars (mono-objective + binocular).
- The Night Vision Binoculars (NVB0504) uses an electro-optical converter (EOC) of the II, II+ generations allows high quality of images.
- Built-in Night Vision Infrared Emitter illuminator with On/Off/IR switch.
- Wide viewing angle (9-10.2 degrees).
- Ocular dioptic adjustment
- Interpupillary distance adjustment.
- Complete Darkness Night Vision however the Night Vision Binoculars will automatic switch-off when illumination (light) is more than 1 Lux
- Compact design + hands free and mountable operation options.
- Light weight of the Night Vision Binoculars 656g
- Low battery indicator
- Power supply by standard "AA" cells



### TECHNICAL CHARACTERISTICS

#### SPECIFICATIONS

- Image Intensifier Tube: 18 mm, from GEN II to GEN III
- Limiting resolution, Lp/mRad: 4.24 to 4.55
- Magnification: x4
- Angular Field of View: 9° to 10.2°

#### OBJECTIVE

- Focal length: 106 mm
- F/N: 2.2
- Focus range, m: 4.25 – ∞

#### EYEPIECE

- Focal length, mm: 26
- Eye relief, mm: 15
- Diopter range, D: -6 ... +2
- Interpupillary range: 53 ... 72 mm



## POWER SOURCE

- Batteries type: "AA"2x1.5V or 1x3.6V
- Continuous Work, hrs: 8

## MECHANICAL

- Dimensions (LxWxH), mm: 182x150x90
- Weight( kg)
  - Without mask and batteries: 0.656
  - Without mask with batteries: 0.686
  - With mask and batteries: 0.932

## ENVIRONMENTAL SPECIFICATION

- Operating temperature: -45°C ... +45°C
- Storage temperature: -55°C ... +60°C

## DELIVERY SET

1. Night Vision Binoculars (NVB0504)
2. Carrying case
3. Head straps & Adapter
4. Operator's manual
5. Objective cover
6. Lace

