



NVBS-15™

Rev. 01 JUNE 11

Dual Tube Binocular System



The NVBS-15 is a lightweight, ruggedized dual-tube night vision goggle system and designed for submersion to a depth of 20 meters. It features self-contained single battery power and can be hand held, head mounted or helmet mounted for hands-free tactical operations.

The NVBS-15 takes advantage of the dual-tube design to provide increased depth perception to the user for land, sea, or airborne operations. Battery usage is one AA 1.5 volt battery or one CR123 3V lithium battery. The system projects IR illumination that can be collimated to a spot or a flood through the use of the IR Spot/Flood lens adjuster. Two micro LED indicator lights in the eyepieces give the user low battery and IR on indications for increased system awareness.

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FEATURES*

- Currently Fielded with USMC
- 2nd/3rd Generation
- High Res: 64 lp/mm
- External Power Option
- MIL-SPEC
- MCN: 5855-01-C08-0938
- Stereoscopic View
- Hands-free Use
- Integrated IR Illuminator
- Submersible to 20m
- Stable Mounting
- Single Battery Use
- Head or Helmet Mountable
- Increased Depth Perception
- Enhanced Detection Range (man size target)
- Accepts In-Service Afocal Magnifiers

For more information on the NVBS-15 or other Nivisys products call (480) 970-3222 or visit us on the web at www.nivisys.com.

Made in USA
www.nivisys.com

NVBS-15™ BASIC KIT:

- NVBS-15 Binocular Assembly
- Soft Carry Case
- Lens Tissue
- Neck Cord
- Battery (AA and CR123)
- Shoulder Strap
- Sacrificial Filters (2)
- AA Battery Adapter
- Demist Shields (2)
- Eyecup Assemblies (2)
- IR Spot/Flood Lens
- Objective Lens Caps (2)
- Operator Manual (not shown)
- QRG (not shown)



OPTIONS, ACCESSORIES and FEATURES



Teflon Guided Hinges
 For infinite adjustment points



Built-In Illuminator
 IR-LED illuminator



Clip-On Mounting Interface
 Easily secure unit to head or helmet mount



Head Mount
 Allows for hands free operation



3x/4x Magnifier Lenses
 Quick attach A-focal lenses



Remote Battery Pack
 Extends battery life



Helmet Mount
 Attaches the unit to a Helmet



Compass
 Attaches to the objective lens

SPECIFICATIONS*

Image Intensifier Tube
 18mm 2nd/3rd Gen

Resolution
 1.3 cy/MR (typical Gen III)

Spectral Response
 400-950nm

Objective Lens
 27mm, f/l 1.2

Magnification
 1x (unity)

Field of View
 40° standard
 13.3° with 3x Afocal
 10° with 4x Afocal

Battery Type
 CR123 lithium or AA

Dimensions (L x W x H)
 10.75 x 10.25 x 7.30 cm

Diopter Range
 +4 to -6

Weight
 400 grams

Eye Relief
 27mm

Focus
 15cm to Infinity

Interpupillary Adjustment
 52mm to 80mm

Indicators
 Low battery (yellow)
 IR illuminator (red)

Environmental
 -51C to +45C (operating)
 -51C to +85C (storage)
 20m (submersible)

*Specifications are subject to change without notice.

